AIPHONE

IX System

Master Station (IX-MV)

Operation Manual

Software version 2.00 or later



- Read this “Operation Manual” prior to usage to ensure safe and correct operation.
- Keep this in a safe place for future reference.

Precautions

This symbol is intended to alert the user to cautions (including warnings and cautions).

This symbol is intended to alert the user to prohibited actions.

This symbol is intended to alert the user to actions that are forced or instructed.

Warning

Negligence could result in death or serious injury.

1. **Do not dismantle or alter the unit.**
   Fire or electric shock could result.



2. **Keep the unit away from water or any other liquid.**
   Fire or electric shock could result.

3. **High voltage is present internally. Do not open the case.**
   Electric shock could result.

4. **Do not put any metal or flammable material into the unit through the openings.**
   Fire, electric shock, or unit trouble could result.

5. **Do not install or use near gases or flammable materials.**
   The unit is not explosion-proof. Fire or explosion could result.

Caution

Negligence could result in injury to people or damage to property.

1. **Do not put anything on the unit or cover the unit with cloth, etc.**
   Fire or unit trouble could result.

2. **Do not press on the LCD or subject it to a high impact.**
   The LCD glass could be punctured and result in an injury. If the LCD panel breaks, do not touch the liquid inside the panel. It may cause inflammation of the skin.
   - **If the liquid enters the mouth, gargle immediately and consult your doctor.**
   - **If the liquid enters your eye or adheres to your skin, thoroughly wash with clean water and consult your doctor.**

3. **Do not use the handset when you perform a call test or check the chime volume.**
   It may cause damage to your ear. Be sure to use the built-in speaker.

4. **Do not install the unit in the following locations.**
   Fire, electric shock, or unit trouble could result.
   - **Places under direct sunlight or places near heating equipment that varies in temperature.**
   - **Places subject to dust, oil, chemicals, hydrogen sulfide (hot spring).**
   - **Places subject to moisture and humidity extremes, such as bathrooms, cellars, greenhouses, etc.**
   - **Places where the temperature is quite low, such as inside a refrigerated area or in front of an air conditioner.**
   - **Places subject to steam or smoke (near heating or cooking surfaces).**
   - **Where noise generating devices such as dimmer switches or inverter electrical appliances are close by.**
   - **Locations subject to frequent vibration or impact.**
   - **Locations subject to extremely powerful electric fields.**

Operation precautions

General precautions

1. Keep the unit more than 1m (3.3') away from radio or TV set.
2. If the unit is down or does not operate properly, unplug the power supply or turn off the POWER switches.
3. The unit case may become a warm with use, but this is not a unit malfunction.
4. If it is used close to a cellular phone, the unit may malfunction.
5. The unit turns inoperative during power failure.
6. In areas where broadcasting station antennas are close by, the intercom system may be affected by radio frequency interference.
7. For the hands-free communication:
   If you stand too far away, it may be difficult for the other person to hear the communication.
8. If there are loud noises around the unit (such as music playing or children crying), the sound may break up and be difficult to hear.
9. During communication, if you speak before the other person has finished talking, your voice may not come through clearly. Communication will proceed smoothly if you wait until the other person has finished before speaking.
10. During monitoring, the noise cut function does not work for making outside sounds easy to hear, so the noise may be heard louder than during communication.
11. This product, being a control unit of door release, should not be used as a crime prevention device.
12. It must be noted in advance that the LCD panel, though manufactured with very high precision techniques, inevitably will have a very small portion of its picture elements always lit or not lit at all. This is not considered a unit malfunction.
13. The discrimination between day and night is performed automatically by the door station. Though the discrimination result may vary depending on the installation environment, it is not a malfunction.
14. Due to the environmental sound around the unit, it may hinder smooth communication, but this is not a malfunction.
15. At night, due to reduced lighting on the object, the monitor sees more noise and the face becomes more difficult to see, but this is not malfunction.
16. At a gate or porch illuminated by a fluorescent lamp, the picture may vary, but this is not a malfunction.
17. The outline of video images displayed by video door station may differ from that of the actual person(s) or background, but this is not a malfunction.
18. If the surface of a video door station freezes during wintertime, the picture may become difficult to see or the call button (including the call button of audio door station) may not move, but this is not a malfunction.
19. Warm-color lighting shining on the video door station may change the tint of the picture on the monitor.
20. When using fluorescent lights to illuminate the screen its colors may periodically change (color rolling), but this is not a malfunction.
21. When outside temperature lowers sharply after rainfall, etc., the inside of the camera may fog up slightly, causing a blurry picture, but this is not a malfunction. Normal operation will be restored when moisture evaporates.
22. When the unit’s screen is illuminated with strong light, the image looks white or silhouetted. But this is not a unit trouble.
23. Aiphone assumes no responsibility for corruption of saved information (such as changes to or deletion of saved information). Please be aware of this in advance.

Notes on using this system

1. Depending on the network environment and computer, it may not be useable.
2. You need to set the ID/password to access the web server when changing the system settings or doing the system maintenance. The system administrator must keep the ID/password without fail.
3. The ID/Password to access the web server for setting the system is the customer's responsibility. Make sure you set a password that cannot be easily guessed by a third party. We recommend that you change the ID/Password on a regular basis.
4. You may not be able to operate stations while updating the System settings by using a PC.
5. Video images and/or sounds may be interrupted depending on the communication status.
6. If there is an error in the setting of the corresponding station, calls will not work properly.
7. If you are experiencing difficulties in the use of the system, please check our website at http://www.aiphone.net/.

Notice

1. Aiphone assume no responsibility for damages as a result of delayed or unusable services, which were due to failures in network equipment, communication services by Internet and cellular phone companies, line interruptions, communication failures, or inaccuracies or omissions in the transmission unit.
2. If personal information is leaked by eavesdropping or unauthorized access in the communication paths over the Internet, please be aware that Aiphone assume no responsibility for the damages.
3. We will under no conditions be liable for damage that occurs due to the inability to communicate due to malfunctions, problems, or operational errors in this product.
4. We will under no conditions be liable for any damages or losses resulting from this product's contents or specifications.
5. This manual was created by Aiphone Co., Ltd., all rights reserved. Copying a part of or this entire manual without prior permission from Aiphone Co., Ltd. is strictly forbidden.
6. Please note that images and illustrations depicted in this manual may differ from the actual ones.
7. Please note that this manual may be revised or changed without prior notice.
8. Please note that product specifications may be changed for the sake of improvement without prior notice.
9. Please be aware that it is the customer's responsibility to ensure that their computer is secure. We will under no conditions be liable for security failures.
10. This system is not intended for life support or crime prevention. It is just a supplementary means of conveying information. Aiphone will under no conditions be liable for loss of life or property which occurs while the system is being operated.
11. This system is not intended for preventing physical injury, accidents caused by disasters and property damage.
12. Please receive and retain all configuration data from the supplier. If you lose the configuration data, there are cases where maintenance and after-sales service calls may incur additional setup fees.

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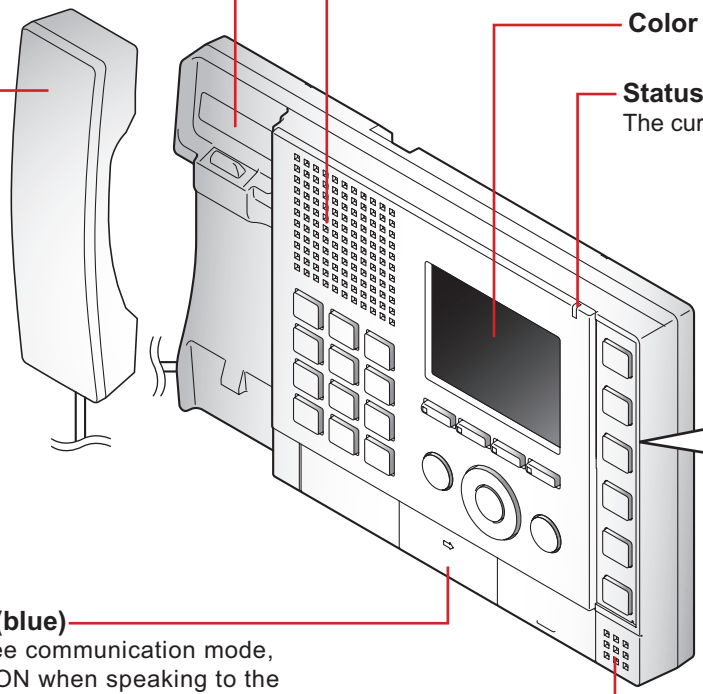
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Part Names



Hook switch

Handset

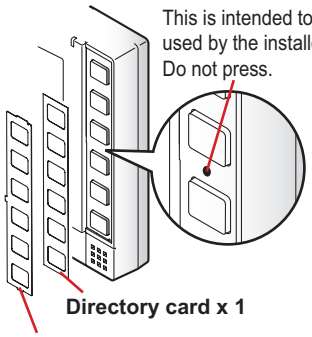
Speaker

Color LCD monitor

Status indicator (orange/blue)
The current status of this device is displayed.

Directory card and directory plate
Fill in the name of the station or group registered to the speed dial button on the directory card, then set it below the transparent signature plate.

RESET button
This is intended to be used by the installer. Do not press.



Directory card x 1

Directory plate x 1

Talk indicator (blue)
During hands-free communication mode, the blue light is ON when speaking to the other party. When listening to the other party or when there is no communication, the light is OFF.

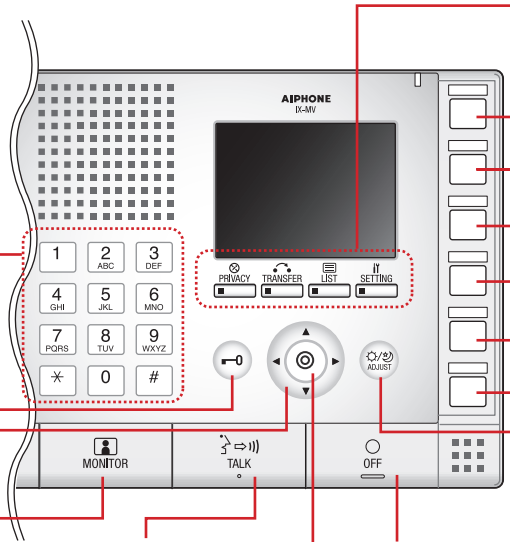
Microphone

■ Operating portion details

Keypad
Enter the station number or station name when searching for stations or groups.

Door Release button
Activate an electric strike or magnetic lock.

Up/Down and L/R buttons
Use when selecting an item.



PRIVACY button / Privacy indicator (blue)
Turn ON the privacy function.

TRANSFER button / Transfer indicator (orange)
Set the absent transfer.
(→ page 41)
You can also put a call on hold during communication.
(→ page 45)

LIST button / List indicator (blue)
The search menu screen is displayed.
(→ page 8)

SETTING button / Setting indicator (blue)
The settings screen is displayed.
(→ page 52)

Speed Dial buttons (x 6)
Quick access to call or page station(s).
(→ page 28)

ADJUST button
If the subject is backlit or it is too dark to see clearly, the image will be adjusted for easy viewing.

MONITOR button
Monitor the video or sound from the selected Door Station.

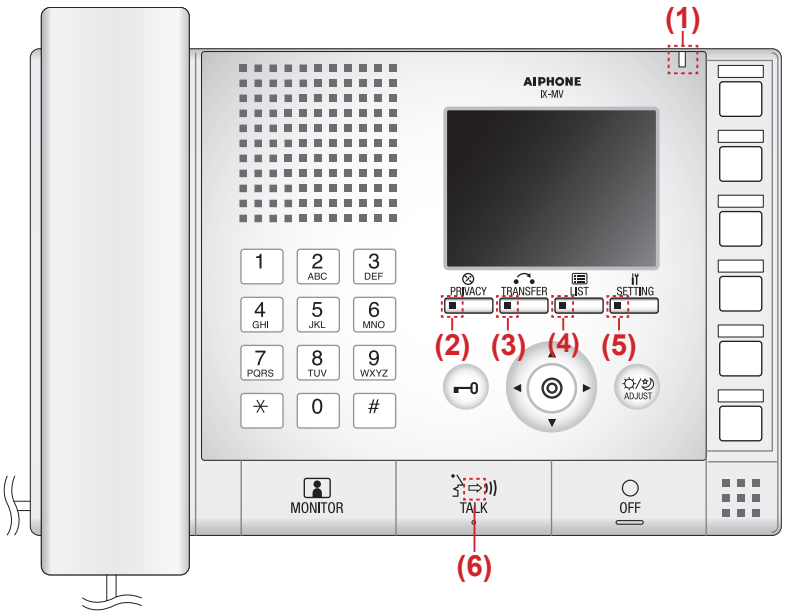
TALK button
Press when answering a call or when calling the selected station.

OFF button
End the communication, monitoring, or call.

SELECT button
Use to determine the selected item.

In this document, the Video Door Station (IX-DA) and the Audio Only Door Station (IX-BA) are referred to collectively as the “Door Station.”
When describing the operation and explanation of the Video Door Station (IX-DA), it will be referred to as the “Video Door Station.”

Indicators



: Light ON : Light OFF

Number	Name	Status (pattern)		Description
(1)	Status indicator	Orange flashing	Normal flashing 0.75 sec → 0.75 sec	Booting
			Fast flashing 0.25 sec → 0.25 sec	Device error
			Long interval flashing 0.5 sec → 4 sec	Communication failure
			Long irregular flashing 1 sec → 0.25 sec → 0.25 sec → 0.25 sec → 0.25 sec → 0.25 sec	Firmware version upgrading
			Short irregular flashing 1 sec → 0.25 sec → 0.25 sec → 0.25 sec	Initializing
		Blue light		During communication, Standby (Depends on setting)
		Blue flashing	Slow flashing 1 sec → 1 sec (Repeat 3 times, then Light ON) → (When it lights during normal operation)	Calling destination busy
			Fast flashing 0.25 sec → 0.25 sec	Outgoing calling
			Double flashing 0.25 sec → 0.25 sec → 0.25 sec → 0.75 sec	Incoming calling
			Medium flashing 0.5 sec → 0.5 sec	Missed call
(2)	Privacy indicator	Blue light		In privacy mode
(3)	Transfer indicator	Orange light		Setting absent transfer
		Orange flashing	Double flashing 0.25 sec → 0.25 sec → 0.25 sec → 0.75 sec	Transferring
(4)	List indicator	Blue light		In list mode
(5)	Setting indicator	Blue light		In settings mode
(6)	Talk indicator	Blue light		Hands-free or push-to-talk transmission

How to read screen

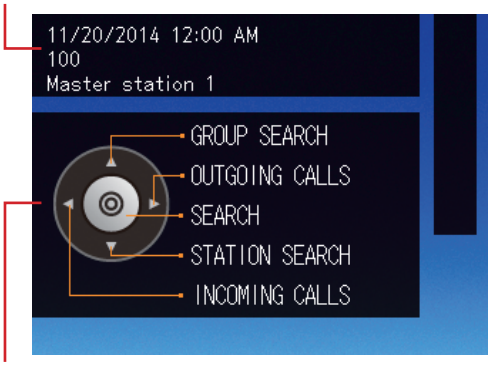
When nothing is projected on the monitor (black screen), it is in standby mode.

Menu screen

In standby mode, the menu screen will appear when you press one of the buttons below.



Date and time, device's station number and station name



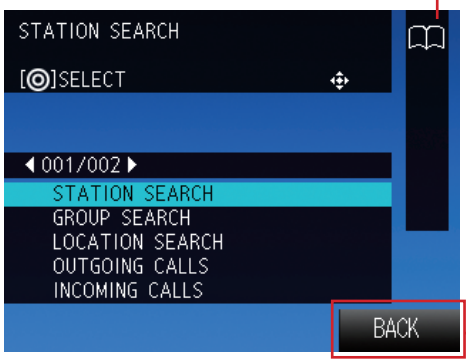
- : Group search (→ page 17)
- : Station search (→ page 15)
- : Incoming call history (→ page 20)
- : Outgoing call history (→ page 19)
- : Display the search menu (→ page 8)

Search screen

In standby mode or on the menu screen, press or LIST to display the Search screen. or will switch between the screens.

001/002

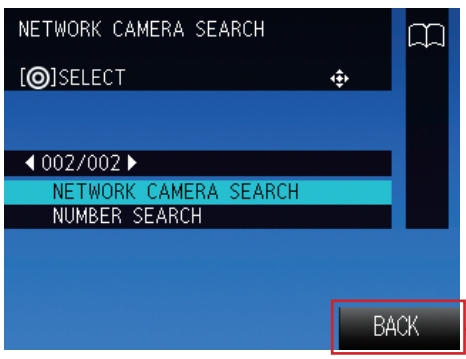
Various icons



- STATION SEARCH (→ page 15)
- GROUP SEARCH (→ page 17)
- LOCATION SEARCH (→ page 16)
- OUTGOING CALLS (→ page 19)
- INCOMING CALLS (→ page 20)

SETTING : Return to menu screen

002/002



- NETWORK CAMERA SEARCH (→ page 18)
- NUMBER SEARCH (→ page 14)

SETTING : Return to menu screen

Incoming call screen

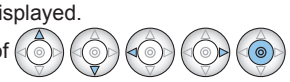
Station number, station name, and location of source (Depending on the language setting, the content of the item may appear incorrectly.)



Various icons

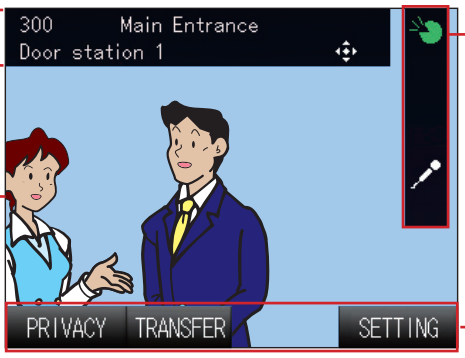
- LIST : Select which station to respond to (→ page 46)
- SETTING : Change the settings (Speaker Vol, Handset Vol, Ringtone Vol, Btn Feedback Tone)

If the source is a Video Door Station, video will be displayed.

If the source is a Video Door Station, pressing any of  will hide menu and icons on the screen approx. 5 seconds.

Communication screen

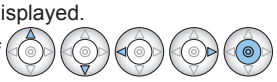
Station number, station name, and location of other party (Depending on the language setting, the content of the item may appear incorrectly.)



Various icons

- PRIVACY : While pressing, the microphone will be off
- TRANSFER : Place a call on-hold (→ page 45) or transfer (→ page 39)
- SETTING : Change the settings (Speaker Vol, Handset Vol, Ringtone Vol, Btn Feedback Tone)

If the other party is a Video Door Station, video will be displayed.

If the other party is a Video Door Station, pressing any of  will hide menu and icons on the screen for approx. 5 seconds.

How to read the icons

These icons indicate the status of the device.

	Icon	Status of the device
*		In communication
*		Incoming calling, Outgoing calling
*		Incoming paging, Outgoing paging
		Incoming number of stations
		Adjusting the screen visibility
		Unlocking
		The microphone is OFF (Privacy mode)
		On-hold

Icon	Status of the device
	Searching for station or group
	Monitoring
	Monitoring network camera on zoom mode
	Monitoring network camera on wide mode
	Error message (Time out, Call Failed, Forced Termination, Communication Error) is displayed
	Settings are displayed
	Microphone is ON
	Processing

*The color of the icon changes depending on priority.

Normal: Green

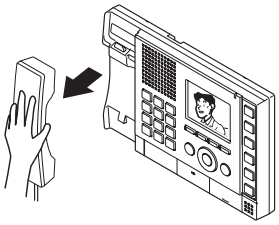
Priority: Yellow

Urgent: Red

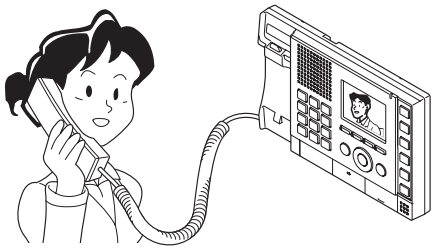
How to communicate

Communicate using the handset

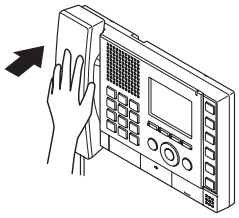
1 When receiving a call, pick up the handset



2 Speak with the other party

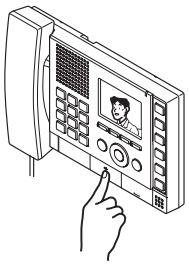


3 When the communication ends, hang up handset

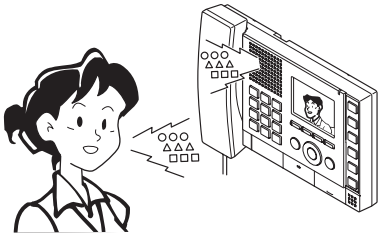


Communicate hands-free

1 When receiving a call, press TALK



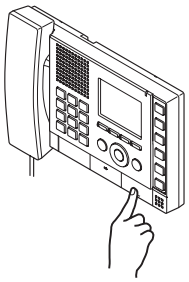
2 Speak with the other party



When speaking: TALK

When listening: TALK

3 When the communication ends, press OFF



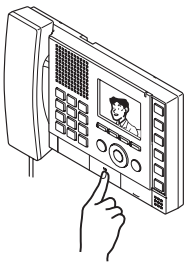
Notice

- During hands-free communication, picking up the handset will override the hands-free mode. Use the handset for privacy or when ambient noise is high. Use the push-to-talk mode when ambient noise makes hands-free communication difficult (→ page 11).

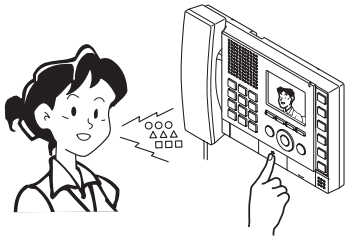
Communicate using push-to-talk

This is useful when the ambient noise is loud enough to interrupt the audio.

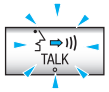
1 While in communication, press TALK until a “beep” is heard



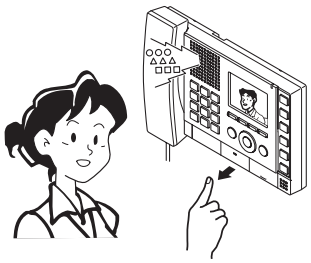
2 Continue pressing TALK while talking



While pressing TALK, the talk indicator will be ON.



3 Release TALK to hear the voice of the other party



The talk indicator will be OFF.



Notice

- Push-to-talk mode can be used while speaking through the handset.

Setting the date and time

The date and time is used for incoming and outgoing call history.
Initial value: 01/01/2013 00:00

1 In standby mode or on the menu screen, press SETTING

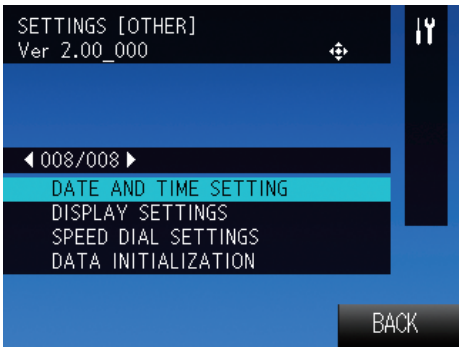


Display the SETTINGS [CALLING] Screen (001/008).

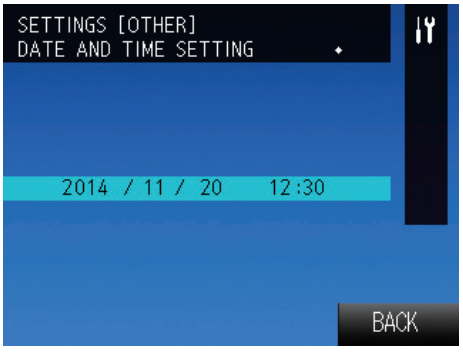
During configuration, the setting indicator is ON.



2 or will display "SETTINGS [OTHER] (008/008)"

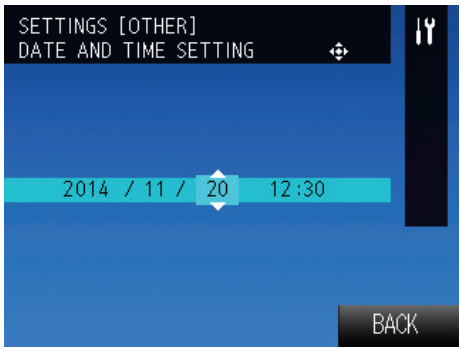


3 or will select "DATE AND TIME SETTING," then press



Display the DATE AND TIME SETTING screen.

4 Change the date and time by pressing again



How to change the date and time

or : Move the cursor over the items "year, month, date, hour, minute."

or : Change the numerical value of the selected item.

By pressing and holding, the selection will change rapidly.

5 Press

Date and time are set.

Notice

- When "BACK" is displayed on the screen, press SETTING to return back one screen.
- Clock accuracy may deviate as much as ±1 minute per month.
- If the power is turned off for at least 30 minutes in an event such as a power outage, the date and time will revert back to the default setting. If this occurs, set the date and time again.
- If nothing is pressed for approx. 1 minute, the station will return to the standby state.

When performing outgoing calling, monitoring, or paging, search for and select the destination station or group.

Below are methods to search for stations or groups.

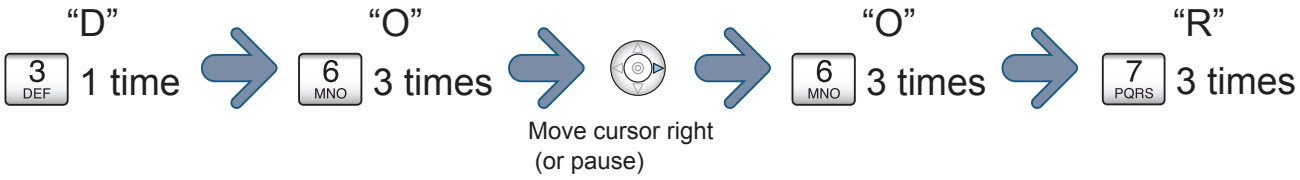
- Search by station or group number (→ page 14)
- Search by station name (→ page 15)
- Search by location (→ page 16)
- Search by group name (→ page 17)
- Search for network cameras (→ page 18)

How to enter text

Search by station or group names.

Use the keypad to enter the name to search.

Example of entry: “DOOR”



■ Continuously entering characters on the same button

Click and move the cursor to the right, then enter the next character.

■ Deleting entered text

Click to delete the last character entered.

■ Available character list

The character will change each time you press a keypad. There is no distinction between upper and lower case text.

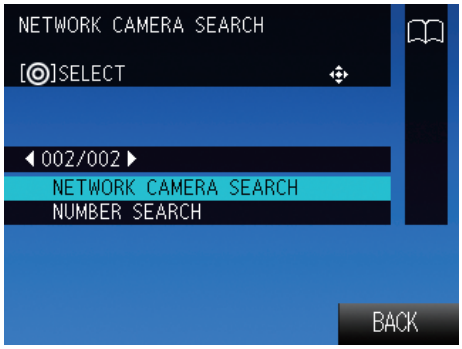
Keypad	Characters, numbers, and symbols that can be entered using 1 button								
1	.	-	?	!	"	@	_	/	1
2 ABC	A	B	C	2					
3 DEF	D	E	F	3					
4 GHI	G	H	I	4					
5 JKL	J	K	L	5					
6 MNO	M	N	O	6					
7 PQRS	P	Q	R	S	7				
8 TUV	T	U	V	8					
9 WXYZ	W	X	Y	Z	9				
0	+	$	%	&	(	)	;	:	0

Search by station or group number

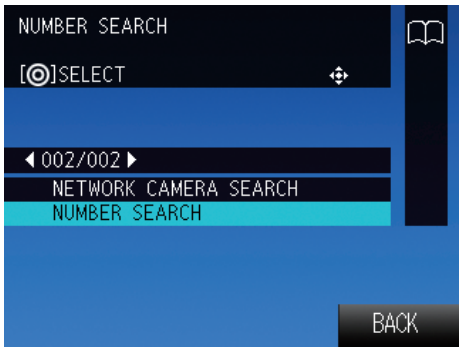
Search for stations or groups by station number or group number.

1 In standby mode or on the menu screen, press 

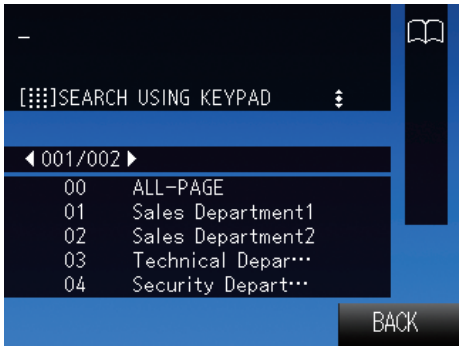
2  or  will display “Search screen (002/002)”



3  or  will select “NUMBER SEARCH,” then press 





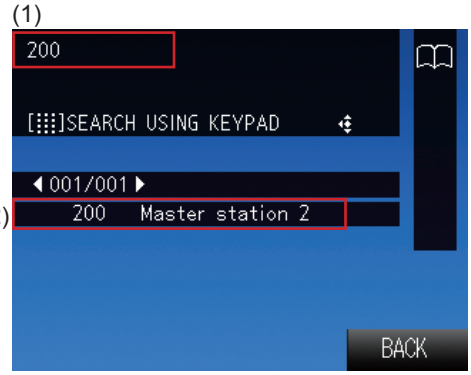


The NUMBER SEARCH screen is displayed.

4 Enter the station number or group number using the keypad



(1)
(2)



(1): The entered number is displayed.
(2): All of the stations and groups that include the entered number are displayed in the order in which they are registered in the address book. Entering more numerals will narrow down the results.

 : Delete last character.

Notice

- In standby mode or on the menu screen, a search can be performed by entering a number using the keypad.

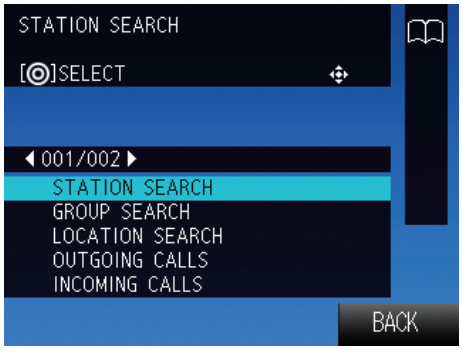
■ To place a call to the station or group

- Call a station (→ page 21)
- Call a group (→ page 24)
- Page a group (→ page 31)
- Monitor the video or audio from a door station (→ page 37)

Search by station name

Search for a station by the station name.

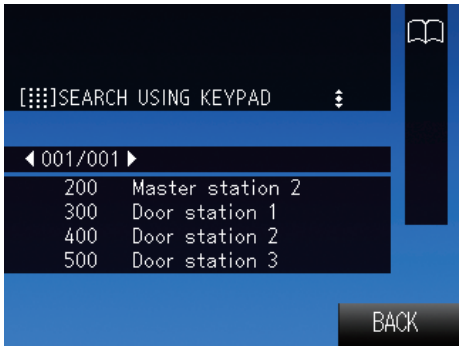
1 In standby mode or on the menu screen, press



"Search screen (001/002)" is displayed.

2 or will select "STATION SEARCH," then press





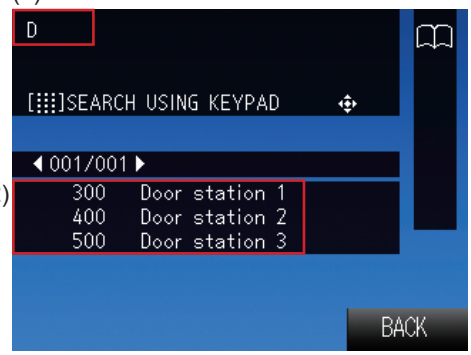
The STATION SEARCH screen is displayed.

3 Enter the station name using the keypad

Refer to (→ page 13) for how to enter text.



(1)



(2)

(1): The entered text is displayed.
(2): All of the stations that include the entered text are displayed in the order in which they are registered in the address book. Entering more characters will narrow down the results.

: Delete last character.

: Move the cursor in the entry field (1) one character to the right.

Notice

- In standby mode or on the menu screen, press to display the Station Search screen.

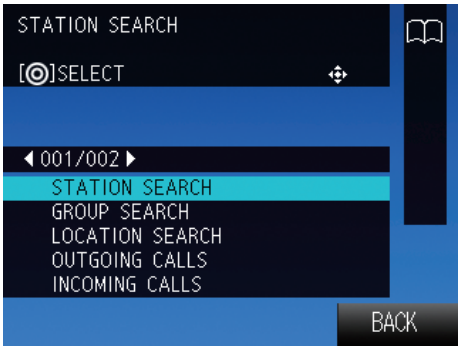
■ To place a call to the station

- Call a station (→ page 21)
- Monitor the video or audio from a door station (→ page 37)

Search by location

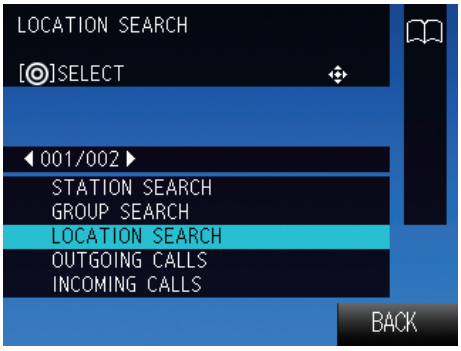
Search for a station by location.

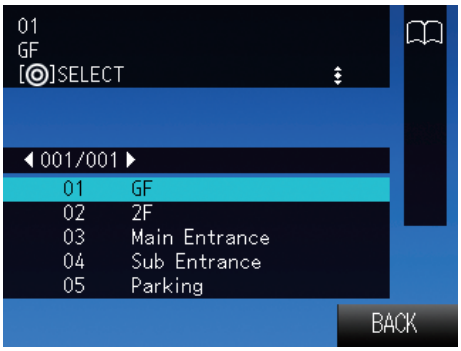
1 In standby mode or on the menu screen, press



"Search screen (001/002)" is displayed.

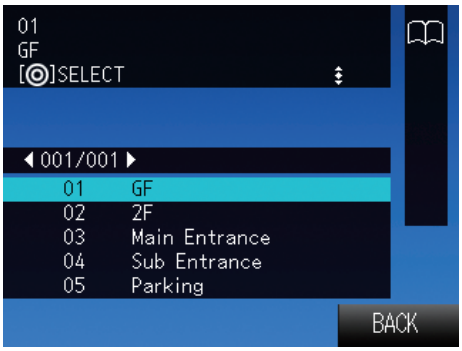
2 Select "LOCATION SEARCH" using or , then press





The LOCATION SEARCH screen is displayed.

3 or will select the location, then press





A list of stations that belong to the selected location are displayed.

Notice

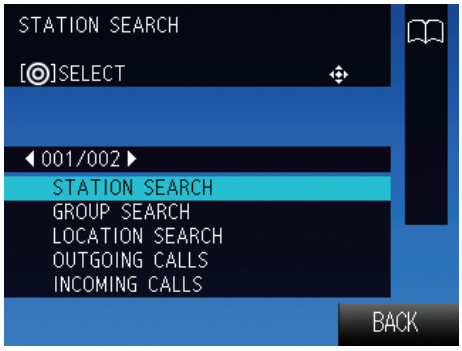
■ To place a call to the station

- Call a station (→ page 21)
- Monitor the video or audio from a door station (→ page 37)

Search by group name

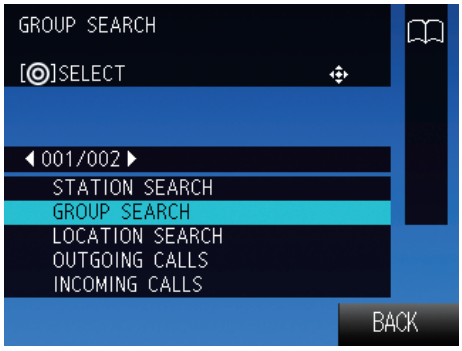
Search for groups by group name.

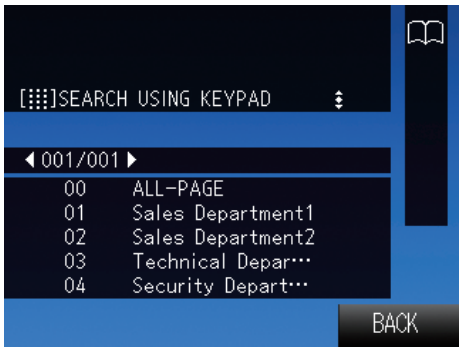
1 In standby mode or on the menu screen, press



"Search screen (001/002)" is displayed.

2 or will select "GROUP SEARCH," then press





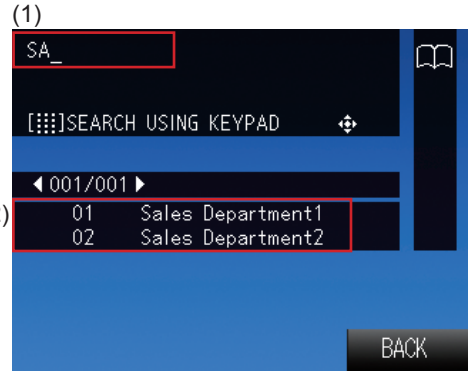
The GROUP SEARCH screen is displayed.

3 Enter the group name using the keypad

Refer to (→ page 13) for how to enter text.



(1)



(2)

(1): The entered text is displayed.
(2): All of the groups that include the entered text are displayed. Entering more characters will narrow down the results.

: Delete last character.

: Move the cursor in the entry field (1) one character to the right.

Notice

- In standby mode or on the menu screen, press to display the GROUP SEARCH screen.

■ To place a call to the group

- Call a group (→ page 24)
- Page a group (→ page 31)

Search for network cameras

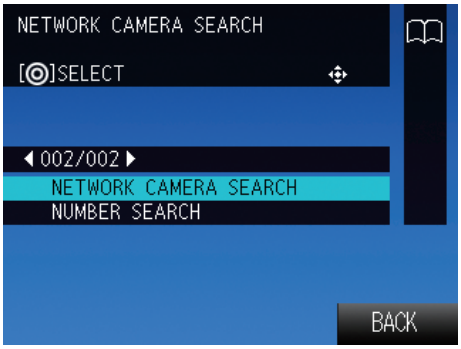
Search by name for network cameras registered in the system.

1

In standby mode or on the menu screen, press 

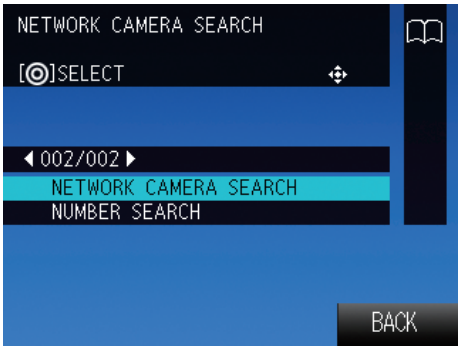
2

 or  will display “Search screen (002/002)”



3

 or  will select “NETWORK CAMERA SEARCH,” then press 







The NETWORK CAMERA SEARCH screen is displayed.

4

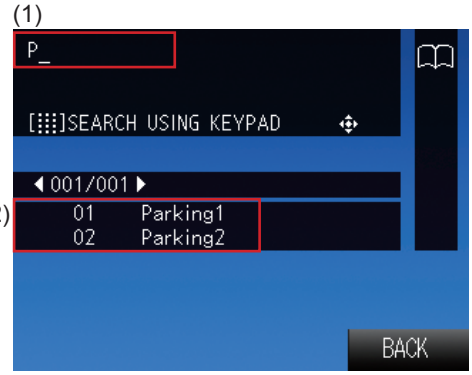
Enter the network camera name using the keypad

Refer to (→ page 13) for how to enter text.



(1)

(2)



(1): The entered text is displayed.

(2): All of the network cameras that include the entered text are displayed. Entering more characters will narrow down the results.

 : Delete last character.

 : Move the cursor in the entry field (1) one character to the right.

Notice

■ To monitor the network camera

- Monitor the video on a network camera (→ page 38)

View outgoing call history

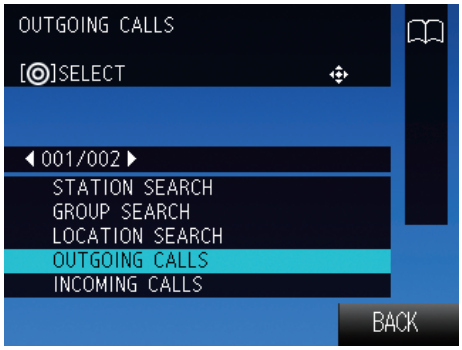
Outgoing call and outgoing page history can be viewed. Station monitoring is not logged in the history.
Up to 20 outgoing call records are stored. New records will be saved over the oldest records.

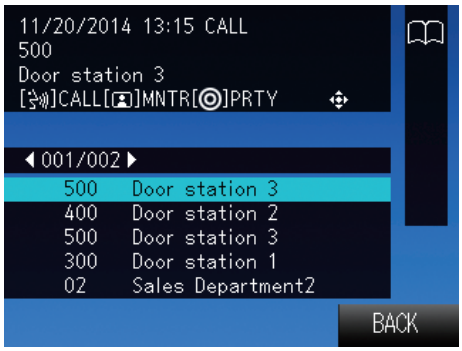
1 In standby mode or on the menu screen, press



"Search screen (001/002)" is displayed.

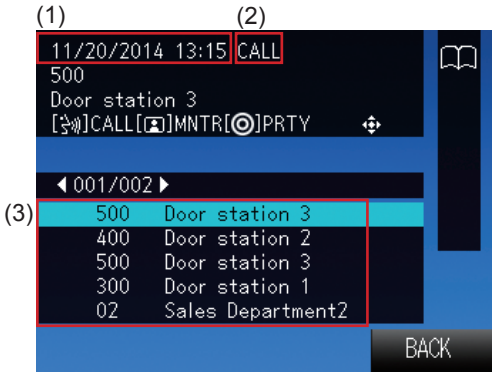
2 or will select "OUTGOING CALLS," then press





The OUTGOING CALLS screen is displayed.

3 or can be used to check the outgoing call history



(1): The month/date/year/hour/minute the call was placed is displayed.
(2): The outgoing call type is displayed.
CALL: an outgoing call was placed.
PAGE: a page was sent.
(3): The destination station or group is displayed.

Notice

- In standby mode or on the menu screen, press to display the OUTGOING CALLS screen.

■ To place a call to a station or group from the outgoing call history

- Call a station (→ page 21)
- Call a group (→ page 24)
- Page a group (→ page 31)
- Monitor the video or audio from a door station (→ page 37)

View incoming call history

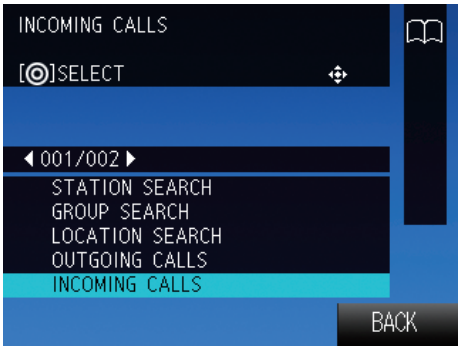
Incoming call and incoming page history can be viewed.
Up to 20 incoming call records are stored. New records will be saved over the oldest records.

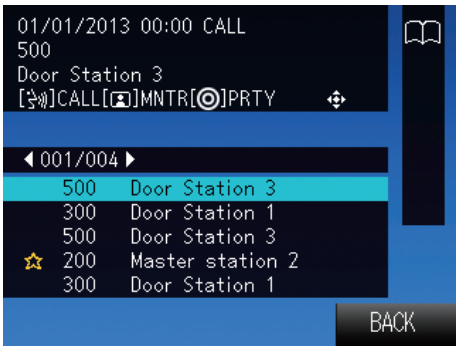
1 In standby mode or on the menu screen, press



"Search screen (001/002)" is displayed.

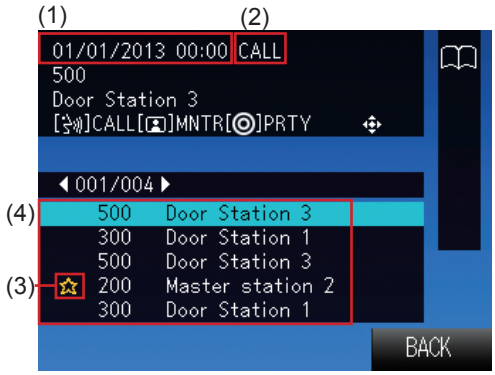
2 or will select "INCOMING CALLS," then press





The INCOMING CALLS screen is displayed.

3 or can be used to check the incoming call history



(1): The month/date/year/hour/minute the call was received is displayed.
(2): The incoming call type is displayed.
CALL: an incoming call was received.
PAGE: a page was received.
(3): "☆" is displayed next to "Missed Call" entries.
(4): The source station is displayed.

Notice

- In standby mode or on the menu screen, press to display the INCOMING CALLS screen.

■ To place a call to a station from the incoming call history

- Call a station (→ page 21)
- Monitor the video or audio from a door station (→ page 37)

Call a station

1 Search for a station to call

Search for stations using the methods below.

- Search by station or group number (→ page 14)
- Search by station name (→ page 15)
- Search by location (→ page 16)

2 or will select the station



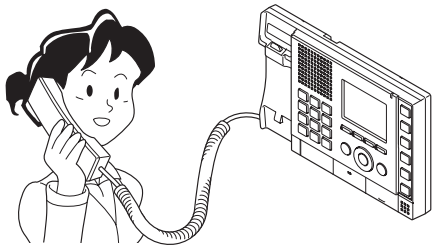
3 Lift the handset

- A call can be made by pressing TALK.
- A ringback tone will be heard from the handset or the built-in speaker while making an outgoing call.

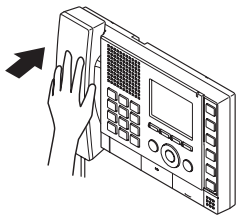


Call the other party.

4 Speak when the other party answers



5 When the communication ends, hang up handset or press OFF



Notice

- If the line is busy or there is no answer, try calling again later.
- The outgoing call timer and the ringback tone count may vary depending on the settings.
- During the call, the microphone can be turned off on the station by pressing and holding PRIVACY.
- If an incoming call is received from another station during the call, a notification tone will be heard from the handset or the built-in speaker. Press LIST to select the station to communicate with. (→ page 46)
- Pressing SETTING while calling or communicating, allows the settings to be changed (Speaker Vol, Handset Vol, Ringtone Vol, Btn Feedback Tone).

Calling with priority assigned

Outgoing calls can be made with priority assigned.
When multiple incoming calls overlap, these will be accepted in order of priority.
Priority Level: “Urgent” > “Priority” > “Normal”

1 Search for a station to call

Search for stations using the methods below.

- Search by station or group number (→ page 14)
- Search by station name (→ page 15)
- Search by location (→ page 16)

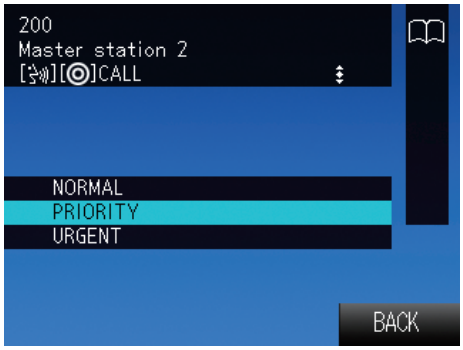
2 or will select the station, then press





The priority selection screen is displayed.

3 or will select the priority



4 Lift the handset

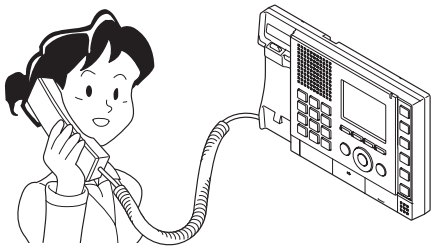
- A call can be made by pressing TALK.
- A ringback tone will be heard from the handset or the built-in speaker while making an outgoing call.



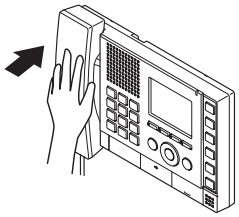
Call the other party.

→ Continued on next page

5 Speak when the other party answers



6 When the communication ends, hang up handset or press OFF



Notice

- If the line is busy or there is no answer, try calling again later.
- The outgoing call timer and the ringback tone count may vary depending on the settings.
- During the call, the microphone can be turned off on the station by pressing and holding PRIVACY.
- If an incoming call is received from another station during the call, a notification tone will be heard from the handset or the built-in speaker. Press LIST to select the station to communicate with. (→ page 46)
- Pressing SETTING while calling or communicating, allows the settings to be changed (Speaker Vol, Handset Vol, Ringtone Vol, Btn Feedback Tone).

Call a group

Make an outgoing call to all stations that belong to the selected group, and communicate with the first station to answer.

Group calls can not be made to door stations.

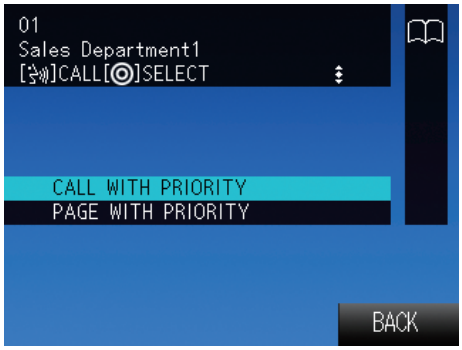
1 Search for a group to call

Search for groups using the methods below.

- Search by station or group number (→ page 14)
- Search by group name (→ page 17)

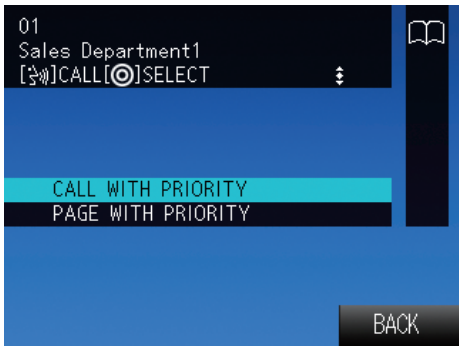
2 or will select a group, then press





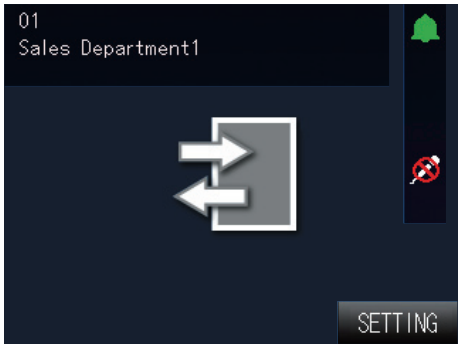
The transmission function selection screen is displayed.

3 or will select “CALL WITH PRIORITY”



4 Lift the handset

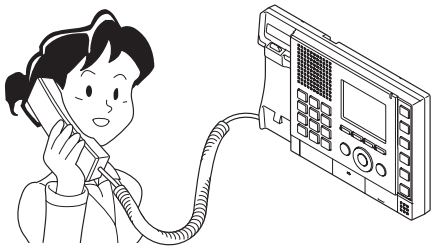
- A call can be made by pressing TALK.
- A ringback tone will be heard from the handset or the built-in speaker while making an outgoing call.



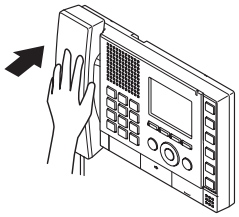
Call a group.

→Continued on next page

5 Speak when the other party answers



6 When the communication ends, hang up handset or press OFF



Notice

- If the line is busy or there is no answer, try calling again later.
- The outgoing call timer and the ringback tone count may vary depending on the settings.
- During the call, the microphone can be turned off on the station by pressing and holding PRIVACY.
- If an incoming call is received from another station during the call, a notification tone will be heard from the handset or the built-in speaker. Press LIST to select the station to communicate with. (→ page 46)
- Pressing SETTING while calling or communicating, allows the settings to be changed (Speaker Vol, Handset Vol, Ringtone Vol, Btn Feedback Tone).

Calling with priority assigned

Make calls to groups by assigning a priority.
When multiple incoming calls overlap, these will be accepted in order of priority.
Priority Level: “Urgent” > “Priority” > “Normal”

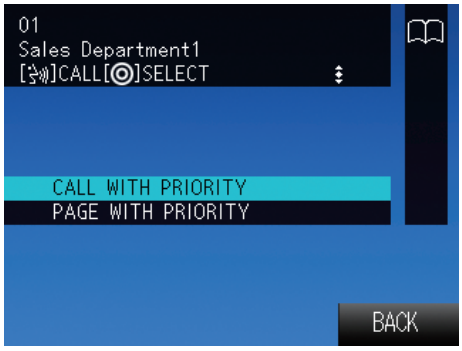
1 Search for a group to call

Search for groups using the methods below.

- Search by station or group number (→ page 14)
- Search by group name (→ page 17)

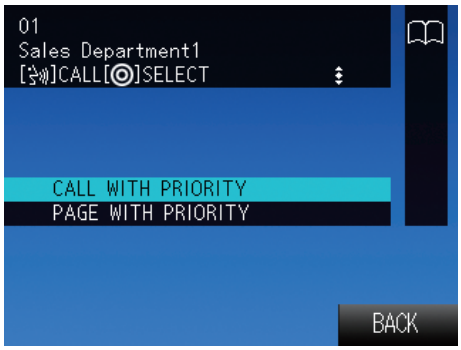
2 or will select a group, then press

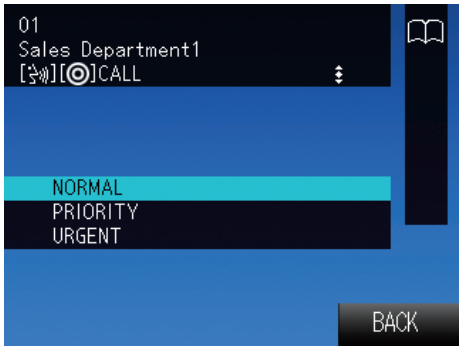




The transmission function selection screen is displayed.

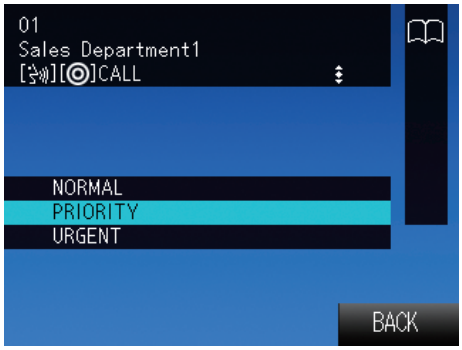
3 or will select “CALL WITH PRIORITY,” then press





The priority selection screen is displayed.

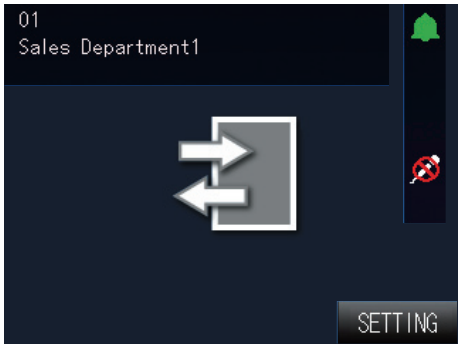
4 or will select the priority



→Continued on next page

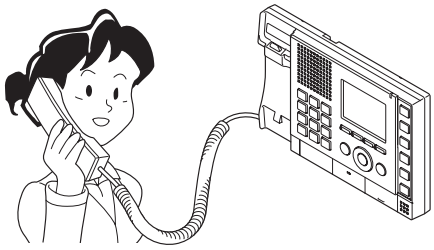
5 Lift the handset

- A call can be made by pressing TALK.
- A ringback tone will be heard from the handset or the built-in speaker while making an outgoing call.

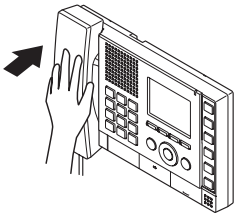


Call a group.

6 Speak when the other party answers



7 When the communication ends, hang up handset or press OFF



Notice

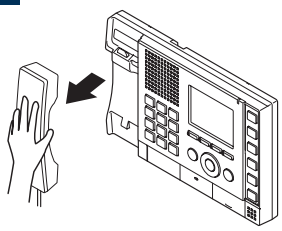
- If the line is busy or there is no answer, try calling again later.
- The outgoing call timer and the ringback tone count may vary depending on the settings.
- During the call, the microphone can be turned off on the station by pressing and holding PRIVACY.
- If an incoming call is received from another station during the call, a notification tone will be heard from the handset or the built-in speaker. Press LIST to select the station to communicate with. (→ page 46)
- Pressing SETTING while calling or communicating, allows the settings to be changed (Speaker Vol, Handset Vol, Ringtone Vol, Btn Feedback Tone).

Call using speed dial buttons

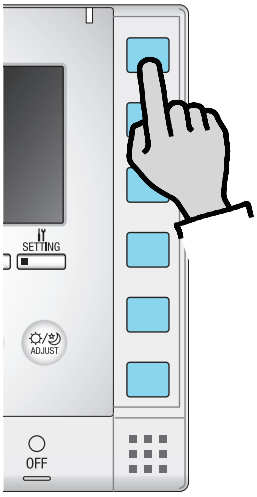
Access frequently called stations that are registered to the speed dial buttons.

1 Lift the handset

If speaking using the hands-free mode, begin with step 2.



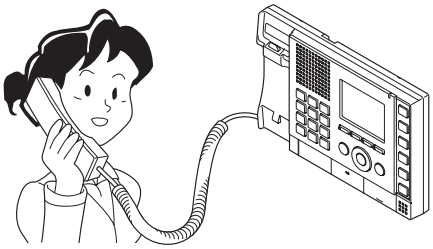
2 Press a speed dial button



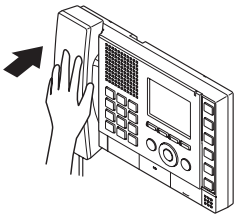


Call using the information saved to the speed dial buttons.

3 Speak when the other party answers



4 When the communication ends, hang up handset or press OFF



Notice

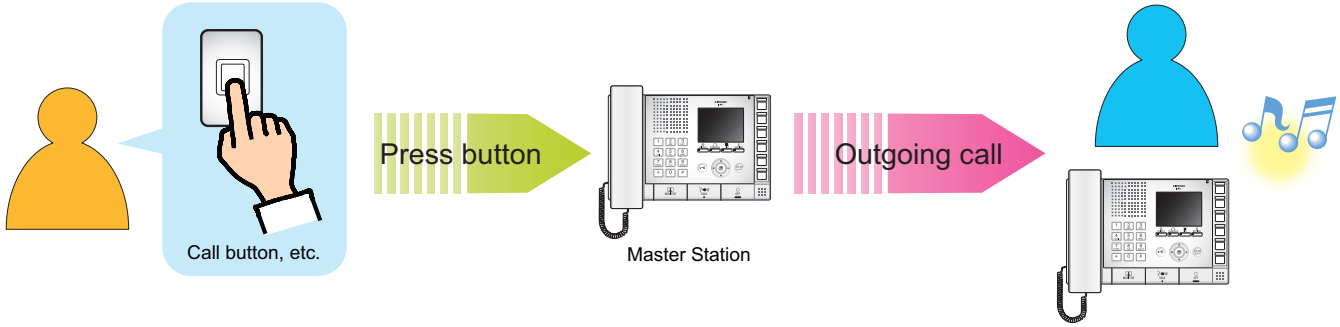
- If the line is busy or there is no answer, try calling again later.
- The outgoing call timer and the ringback tone count may vary depending on the settings.
- During the call, the microphone can be turned off on the station by pressing and holding PRIVACY.
- If an incoming call is received from another station during the call, a notification tone will be heard from the handset or the built-in speaker. Press LIST to select the station to communicate with. (→ page 46)
- Pressing SETTING while calling or communicating, allows the settings to be changed (Speaker Vol, Handset Vol, Ringtone Vol, Btn Feedback Tone).

■ To set the speed dial buttons

Settings related to the speed dial buttons (→ page 64)

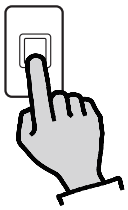
Use an external device to make an outgoing call

An external device (sensor, button) can be used to make outgoing calls to pre-registered stations.



1 Trigger external device

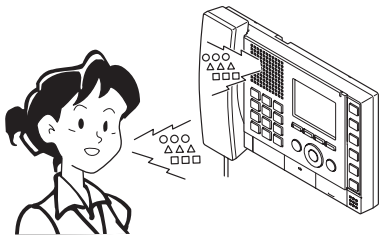
A ringback tone from the Master Station will sound.



Call button, etc.

2 Speak when the other party answers

Communication is hands-free.



Notice

- Make an outgoing call with a priority set in advance.
- If the line is busy or there is no answer, try calling again later.
- The outgoing call timer and the ringback tone count may vary depending on the settings.
- During the call, the microphone can be turned off on the station by pressing and holding PRIVACY.
- If an incoming call is received from another station during the call, a notification tone will be heard from the handset or the built-in speaker. Press LIST to select the station to communicate with. (→ page 46)
- Pressing SETTING while calling or communicating, allows the settings to be changed (Speaker Vol, Handset Vol, Ringtone Vol, Btn Feedback Tone).

Answer an incoming call

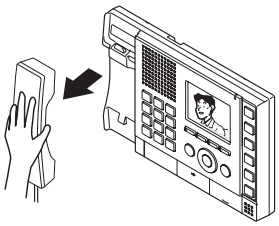
When there is an incoming call, the ringtone will sound and the screen will be displayed.

<Incoming call from the Video Door Station>

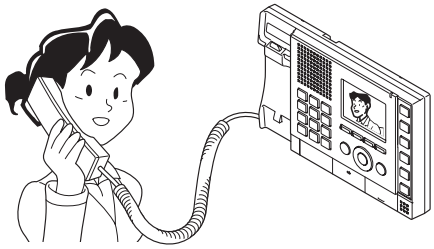


Video is not displayed when there is an incoming call from a Master Station or Audio Only Door Station.

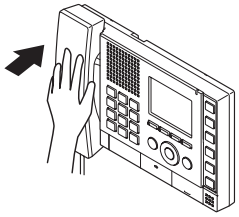
1 To answer an incoming call, lift the handset or press TALK



2 Speak with the other party



3 When the communication ends, hang up handset or press OFF



Notice

- During the call, the microphone can be turned off on the station by pressing and holding PRIVACY.
- When receiving two or more incoming calls, press LIST and select the station to communicate with. (→ page 46)
- Pressing SETTING while receiving an incoming call, allows the settings to be changed (Speaker Vol, Handset Vol, Ringtone Vol, Btn Feedback Tone).
- When auto answer (→ page 53) is enabled, an individual call from another Master Station will be answered automatically. Automatic answering does not occur when receiving calls from door stations or group calls.

Paging a group

Send a page to all stations that belong to a selected group.
Communication with a station that answers the page is possible.

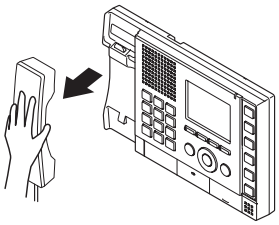
1 Select a group to page

Search for groups using the methods below.

- Search by station or group number (→ page 14)
- Search by group name (→ page 17)

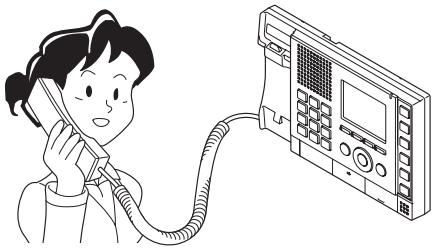


2 Lift the handset or press TALK

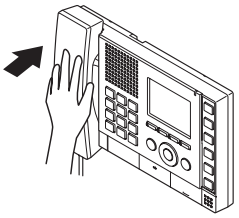


Send a page.

3 Send a page after the announcement tone



4 After paging, hang up handset or press OFF



Notice

- Communicate with station that answered the page.
- When receiving an incoming call from another station while paging, a notification will be heard through the handset or the built-in speaker. Press LIST to select the station to communicate. (→ page 46)
- During paging, the microphone can be muted by pressing and holding PRIVACY.
- Pressing SETTING while calling out, allows the settings to be changed (Speaker Vol, Handset Vol, Ringtone Vol, Btn Feedback Tone).
- Door stations call also be paged.

When paging with priority assigned

Page a group by assigning priority.
When multiple incoming calls or pages overlap, these will be accepted in order of priority.
Priority: “Urgent” > “Normal”

1 Select a group to page

Search for groups using the methods below.

- Search by station or group number (→ page 14)
- Search by group name (→ page 17)

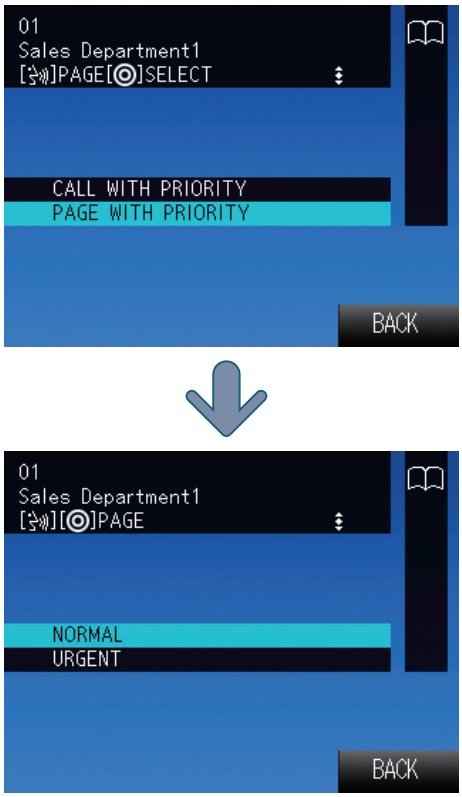


2 or will select a group, then press



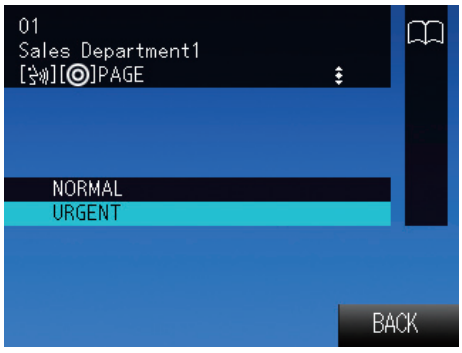
The function selection screen is displayed.

3 or will select “PAGE WITH PRIORITY,” then press



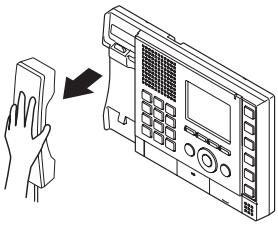
The priority selection screen is displayed.

4 or will select the priority

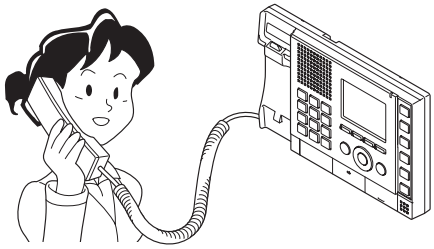


→Continued on next page

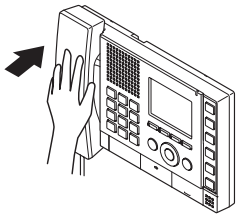
5 Lift the handset or press TALK



6 Send a page after the announcement tone



7 After paging, hang up handset or press OFF



Notice

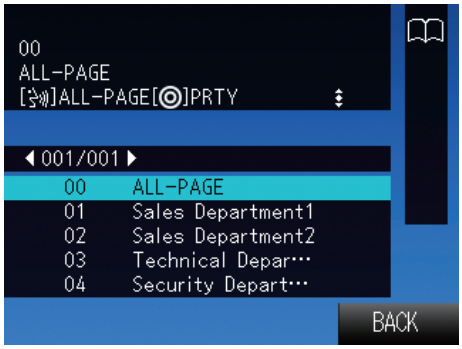
- Communicate with station that answered the page.
- When receiving an incoming call from another station while paging, a notification will be heard through the handset or the built-in speaker. Press LIST to select the station to communicate. (→ page 46)
- During paging, the microphone can be muted by pressing and holding PRIVACY.
- Pressing SETTING while calling out, allows the settings to be changed (Speaker Vol, Handset Vol, Ringtone Vol, Btn Feedback Tone).
- Door stations call also be paged.

Paging all stations

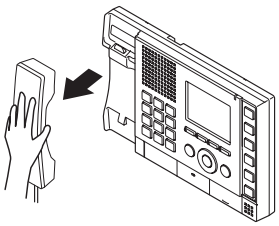
Send a page to all stations that are registered on this device.
Communication with a station that answers the page is possible.

1 Using group search, select “00 ALL-PAGE”

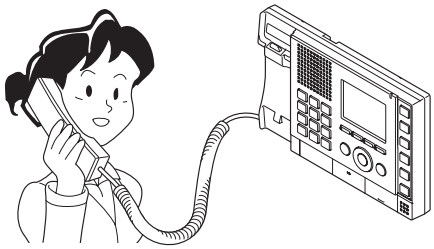
Search by group name (→ page 17)



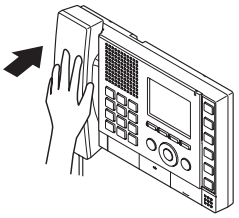
2 Lift the handset or press TALK



3 Send a page after the announcement tone



4 After paging, hang up handset or press OFF



Notice

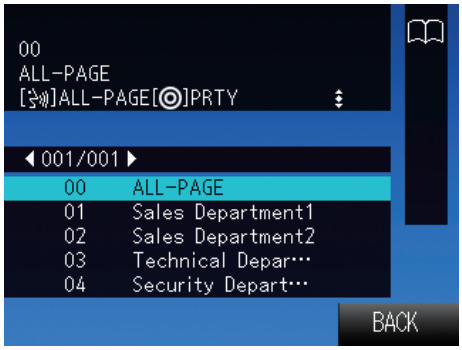
- Communicate with station that answered your page.
- When receiving an incoming call from another station while paging, a notification will be heard through the handset or the built-in speaker. Press LIST to select the station to communicate. (→ page 46)
- During paging, the microphone can be muted by pressing and holding PRIVACY.
- Pressing SETTING while calling out, allows the settings to be changed (Speaker Vol, Handset Vol, Ringtone Vol, Btn Feedback Tone).
- Door stations call also be paged.

When sending an All-Page with priority assigned

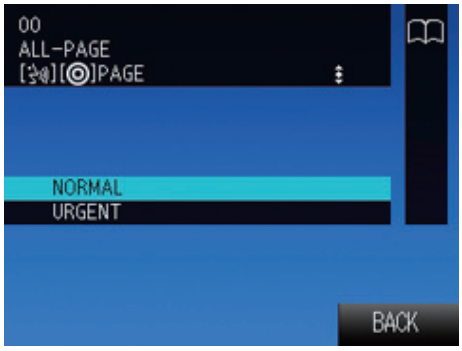
Send an All-Page by assigning a priority.
When multiple incoming calls or pages overlap, these will be accepted in order of priority.
Priority: “Urgent” > “Normal”

1 Using group search, select “00 ALL-PAGE”

Search by group name (→ page 17)

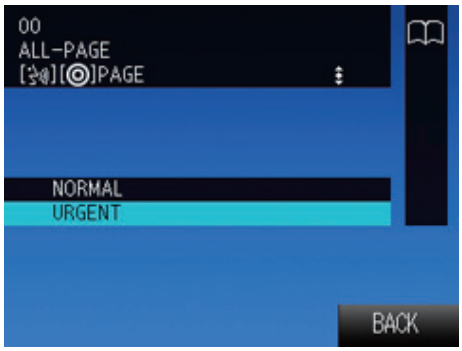


2 Press

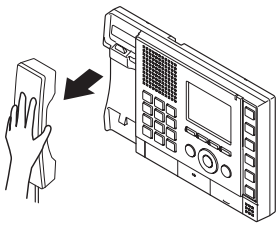


The priority selection screen is displayed.

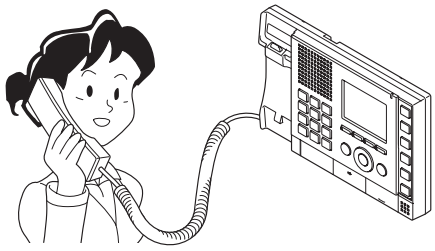
3 or will select the priority



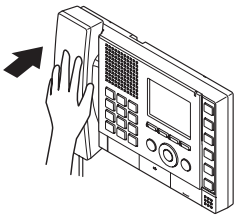
4 Lift the handset or press TALK



5 Send a page after the announcement tone



6 After paging, hang up handset or press OFF



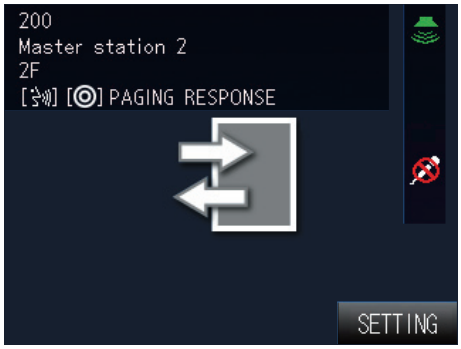
Notice

- Communicate with station that answered the page.
- When receiving an incoming call from another station while paging, a notification will be heard through the handset or the built-in speaker. Press LIST to select the station to communicate. (→ page 46)
- During paging, the microphone can be muted by pressing and holding PRIVACY.
- Pressing SETTING while calling out, allows the settings to be changed (Speaker Vol, Handset Vol, Ringtone Vol, Btn Feedback Tone).
- Door stations call also be paged.

Receive a page

Paging will begin after the announcement sound.
Answer an incoming page and communicate.

1 The announcement tone will sound, then paging will begin

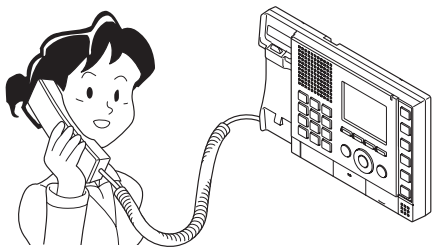


When answering a page:

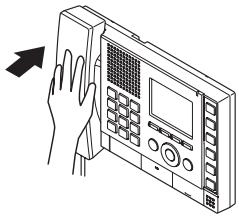
2 While paging, lift the handset or press TALK



3 Speak with the other party



4 When the communication ends, hang up handset or press OFF



Notice

- The announcement tone is dependent on the settings of the station.
- Pressing SETTING while receiving a page, allows the settings to be changed (Speaker Vol, Handset Vol, Ringtone Vol, Btn Feedback Tone).
- When a page is answered, the page to other stations will be canceled.

Monitor the door station

Door station video and audio can be monitored.

The door station will not be able to hear the master during monitoring. Audio Only Door Stations can only be used to monitor audio.

Groups cannot be monitored. Master Stations cannot be monitored.

1 Select the station to be monitored

Search for stations using the methods below.

- Search by station or group number (→ page 14)
- Search by station name (→ page 15)
- Search by location (→ page 16)



2 Press MONITOR to monitor the door station



3 When done, press OFF

Notice

- During monitoring, communication is possible by pressing the TALK button or by lifting the handset.
- If the set time elapses, monitoring will end automatically.
- If a page or call comes from another station during monitoring, the monitoring will end.
- Pressing LIST while monitoring, return to the station selection screen (1).
- Pressing SETTING while monitoring, allows the settings to be changed (Speaker Vol, Handset Vol, Ringtone Vol, Btn Feedback Tone).

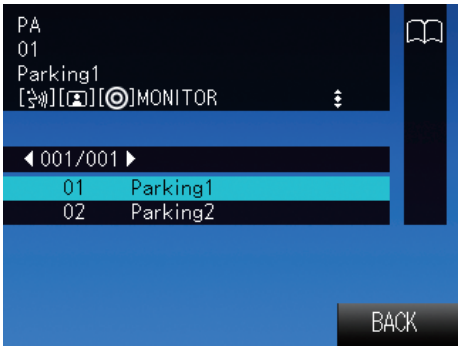
Monitor a network camera

Monitor video from a network camera.

1 Select the network camera to be monitored

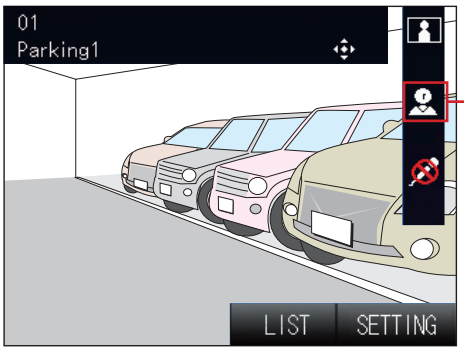
Search for a network camera using the method below.

- Search for network cameras (→ page 18)



2 Press MONITOR to monitor video from the network camera

Can also monitor by pressing the SELECT button or TALK button.



Mode icon
: Zoom Mode
: Wide Mode

ADJUST : Switch between zoom mode and wide mode.

: Zoom into or widen the video to match the mode.

: Move the video up, down, left, and right.

*Depending on the network camera used, video control may not be possible.

3 After monitoring, press OFF

Notice

- If the set time elapses, monitoring will end automatically.
- Depending on the network camera function, sound may be audible.
- Pressing LIST while monitoring, return to the network camera selection screen (1).

Transfer calls (during communication)

Transfer an answered call to another master station.

Transfer a call

1 During communication, press TRANSFER to place the call on hold



The transfer destination search screen is displayed.
While on hold, the transfer indicator will flash.



2 ◎ or ◎ will select the search method of the transfer destination, then press ◎



3 Search for the transfer destination, then press TALK or ◎

<After searching by station name>

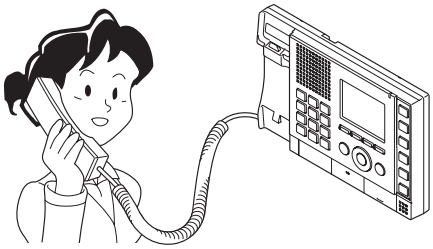




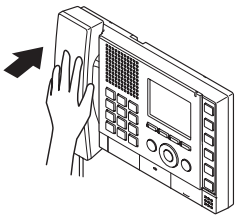
Call the selected station.

4 Once the transfer destination answers, inform the party that the transfer will be made

Refer to (→ page 40) for the operation of the transfer destination station.



5 Hang up handset or press OFF



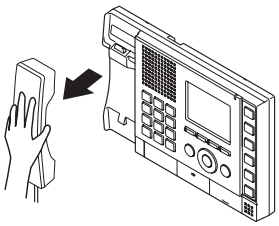
The call is transferred to the transfer destination.

Notice

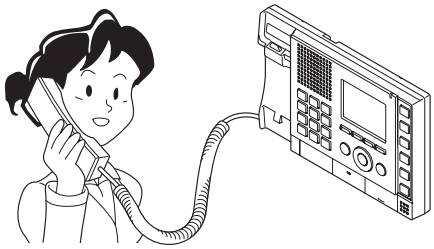
- If the transfer destination does not answer, cancel the transfer by pressing TRANSFER.
- Hang up handset or press OFF to end the call.

Receive a transferred call

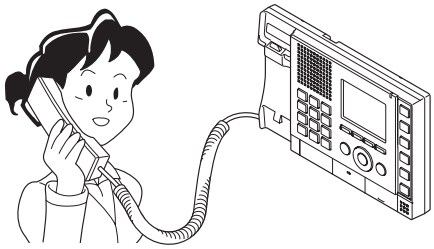
1 When receiving a call from a transfer source, lift the handset or press TALK



2 Speak with the transferring station



3 When the transferring station hangs up, the call is transferred and communication can begin



Notice

- Transferring a call from a Video Door Station will transfer the video as well.
- If communication is ended at the transfer destination before the transferring station, the transfer will not be completed.

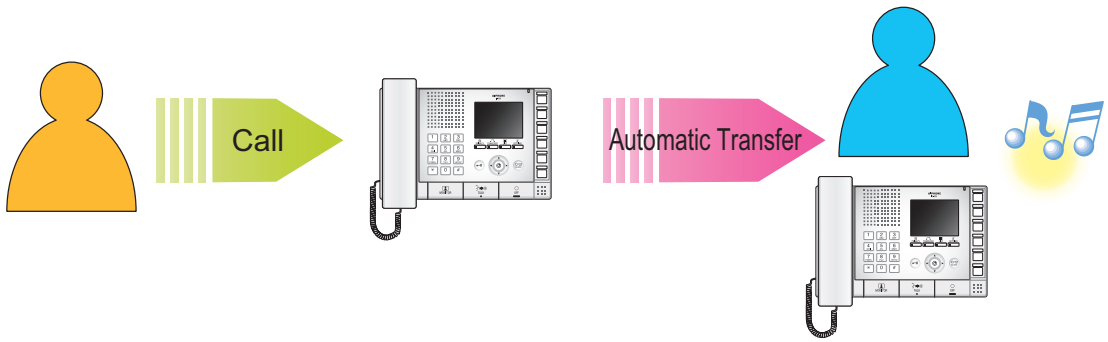
Transfer incoming calls while away from master station

Activate absent transfer to have incoming calls sent to another station while away.

Absent transfer

Automatically send calls to another station when a call is received while away.

TRANSFER While absent transfer is activated:



Activating absent transfer

1 Press TRANSFER

The transfer indicator will light up orange.



Cancel the absent transfer

1 Press TRANSFER

The transfer indicator will be OFF.



Notice

- If the transfer destination is not set, absent transfer cannot be activated. Use “Settings related to the transfer function” (→ page 54) to configure.
- You cannot transfer calls that have already been transferred.

Other transfer functions (automatic transfer)

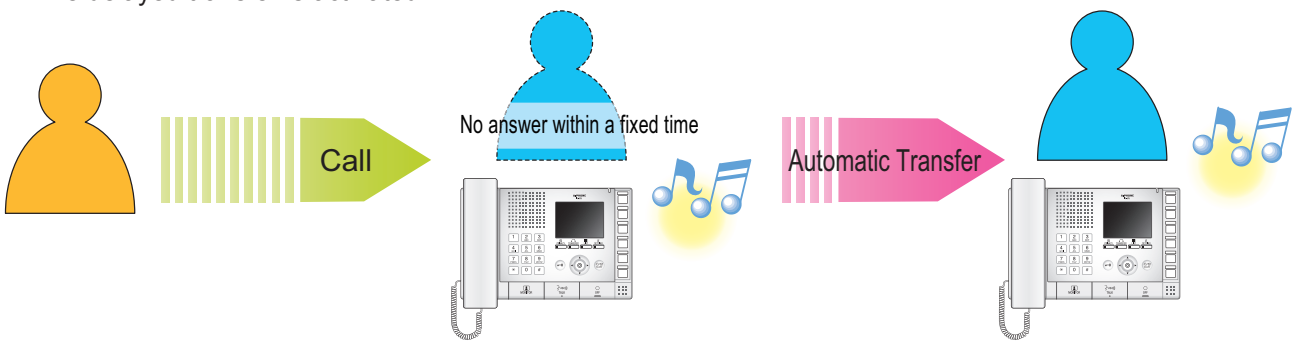
Perform transfer automatically.
Transferring must be set up in advance.
Calls cannot be transferred to groups or door stations.

Delay transfer

Incoming calls can be transferred to another station automatically when not answered within a set period of time.

How to configure “Delay transfer setting” (→ page 57)

While delayed transfer is activated:

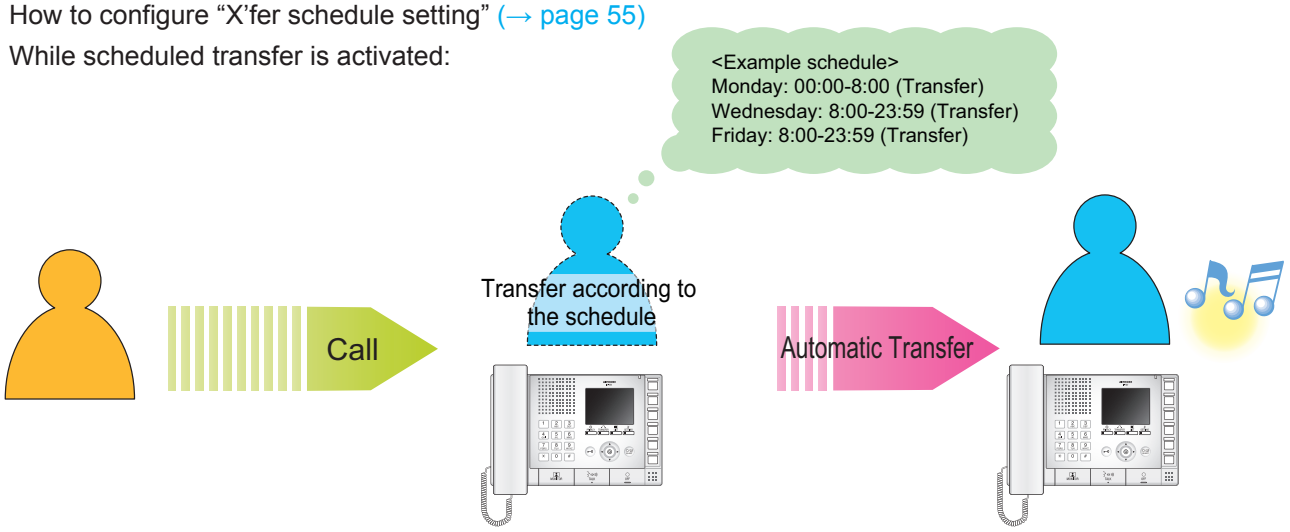


Schedule transfer

Automatically perform transfers according to a schedule.

How to configure “X’fer schedule setting” (→ page 55)

While scheduled transfer is activated:



Notice

- The transfer indicator will be OFF while delayed transfer or scheduled transfer is activated.
- You cannot transfer calls that have already been transferred.

Unlock a door

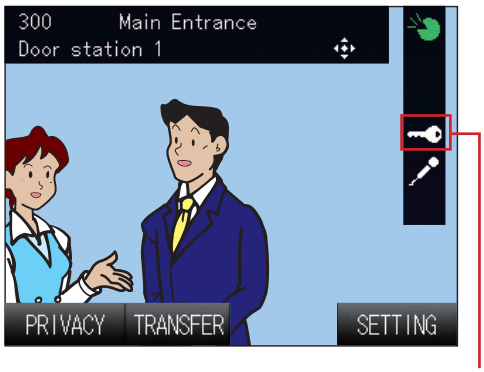
Unlock an electric lock while receiving an incoming call, during communication, or during monitoring.

While receiving an incoming call, during communication, or during monitoring:

1 Press 

The door unlocks.

<When unlocking during communication>



While the door is unlocked,  will be displayed.

Notice

- Unlocking may not be possible in some cases, depending on settings.
- If the door cannot be unlocked, “beep beep beep” will sound.
- Depending on the settings, may need to hold  to keep unlocked.

Adjust video to enhance visibility

Adjust the video displayed by a Video Door Station to enhance visibility.

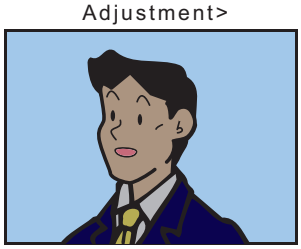
While the video from a Video Door Station is displayed:

1 Press ADJUST

The image will be adjusted.

Representative images are shown below.

<Backlight Compensation Adjustment>



[Before Adjustment]



[After Adjustment]

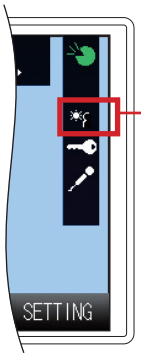
<Night Correction>



[Before Adjustment]



[After Adjustment]



Adjustment ON icon is displayed.

: Backlight Compensation Adjustment ON

: Night Correction ON

Notice

- During video adjustment, press ADJUST again to restore the video to its previous state.
- Video from a network camera cannot be adjusted.

Put a call on hold

While the call is on hold, a holding tone will play on the other party's side.

Put a call on hold

1 During communication, press TRANSFER



The transfer destination search screen is displayed.

While this screen is displayed, the call is placed on hold.

If the communication time elapses, the communication will end. (A warning sound will play before ending)

While the call is on hold, the transfer display light will flash.



Resume call

1 While the call is on hold, press TRANSFER

Resume communication.

The transfer indicator will be OFF.



Notice

- While the call is on hold, it can be transferred. (→ page 39)
- While the call is on hold, a holding tone will play on the other party's side.

Select the station to answer

When receiving multiple incoming calls or when receiving an incoming call from another station during communication, the user can select the station to answer.

When receiving multiple incoming calls or when receiving an incoming call from another station during communication:

1 Press LIST



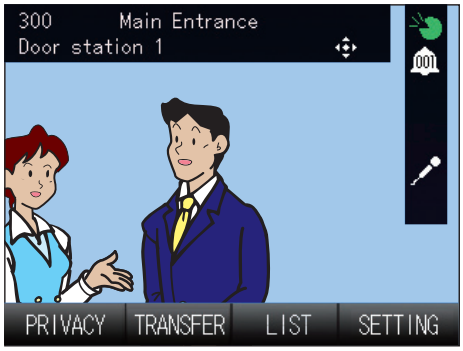
The calling station is displayed.

During selection, the list indicator is ON.



2 or will select the station to respond to, then confirm with





Answer and communicate with the selected station.

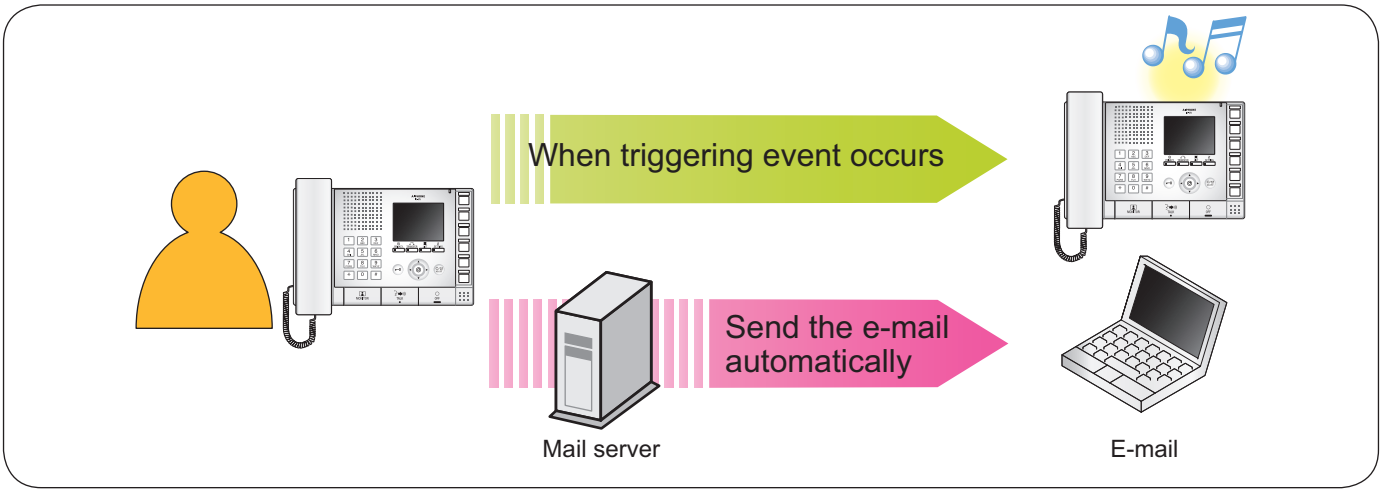
Notice

- During the call, if there are no incoming calls from other stations, LIST will not be displayed.

Send an e-mail

An e-mail can be sent to pre-registered e-mail addresses.

Refer to “E-mail Settings” (→ page 77) for settings related to e-mail.



Example of sending e-mail:

When placing an outgoing call from this station (station number: 002, station name: Intercom Station 2, location: Fire Prevention Center) to Door Station 3 (station number: 003, station name: Door Station 3, location: Receptionist) with Priority “Priority”

Source	xxxx@xxxxx.com
Date and time sent	11/20/2014 7:22
Recipient **CC**	xxxx@xxxxx.com
Subject	An outgoing call was made using the priority “Priority.”

Call Placed [20141120 07:21:40].

Source Station Number: [002]
Source Station Name: [Intercom Station 2]
Source Station Location: [Fire Prevention Center]
Call Priority: [Priority]
Destination Station Number: [003]
Destination Station Name: [Door Station 3]
Destination Station Location: [Receptionist]

Notice

- “UTF-8” encoding is used. Characters may display incorrectly depending on the e-mail client.

About the settings

Set using this device

Configure the monitor and button operation for this device.
Not all of the settings can be configured using this method.

Set using a PC

Access this device using a PC to configure the settings.
Most settings can be configured using this method.

■ Settings (on the device)

Entry	Reference page	Settings when using the computer	
		Entry	Reference page
Setting the date and time			
DATE AND TIME	page 12	Time	page 69
Settings related to outgoing calls			
OUTGOING CALL TIMER	page 52	-	-
RINGBACK TONE COUNT	page 52	-	-
OP-IN CALL TIMER	page 52	Call Timeout [sec] ♦	page 74
OP-IN CALL RNG CNT	page 52	-	-
Settings related to incoming calls			
AUTO ANSWER	page 53	Auto Answer	page 71
PRIVACY	page 53	Privacy	page 81
RINGTONE COUNT	page 53	Ringtone Count [time(s)]	page 71
Settings related to the transfer function			
Absent transfer setting			
ABSENT TRANSFER	page 54	Absent Transfer	page 79
X'FER TO (STATION)	page 54	Transfer to Station Number	
X'fer schedule setting			
SCHEDULE TRANSFER	page 55	Transfer Schedule	page 80
X'FER TO (STATION)	page 55	Transfer to Station Number	
TRANSFER SCHEDULE	page 56	From Sunday through Saturday	
Delay transfer setting			
DELAY TRANSFER	page 57	Delay Transfer	page 79
X'FER TO (STATION)	page 57	Transfer to Station Number	
DELAY	page 57	Delay Time [sec] ♦	
Settings related to Communication			
FORCE PUSH-TO-TALK	page 58	Force Push-to-talk	page 83
TALK TIMEOUT	page 58	Talk Timeout [sec] ♦	
Settings related to paging			
PRETONE	page 59	Pretone	page 76
PAGING TIMEOUT	page 59	Paging Timeout [sec] ♦	
Settings related to monitor function			
MONITOR TIMEOUT	page 60	Monitor Timeout [sec] ♦	page 83
Settings related to volume			
SPEAKER VOL	page 61	Hands-free Receive Volume	page 82
HANDSET VOL	page 61	Handset Receive Volume	
RINGTONE VOL	page 61	Ringtone volume	
BTN FEEDBACK TONE	page 61	Button Feedback Tone	

Entry	Reference page	Settings when using the computer	
		Entry	Reference page
Settings related to ringtone			
RINGTONE	page 62	Ringtone Settings (Normal Call)	page 72
OP-IN RINGTONE	page 62	Ringtone Settings (Option Input)	page 75
Settings related to display			
BRIGHTNESS	page 63	Brightness	page 83
STANDBY LED STATE	page 63	Standby LED State	
LANGUAGE	page 63	-	-
Settings related to the speed dial buttons			
BUTTON 1 to 6	page 64	Mode Selection, Group Number, Station Number, Priority	page 81
Initialize			
DATA INITIALIZATION	page 65	-	-

■ Settings (on the computer)

Entry	Reference page	Settings when using the device	
		Entry	Reference page
Station Information			
ID and Password			
User ID ♦	page 68	-	-
User Password ♦	page 68	-	-
Language			
Language	page 68	-	-
Time			
Time Zone			
Select time zone	page 69	-	-
Daylight Savings Time			
Enable automatic daylight savings time	page 69	-	-
NTP			
Enable NTP	page 69	-	-
Date and Time			
Time	page 69	DATE AND TIME	page 12
System Information			
Custom Sound Registry	page 70	-	-
Call Settings			
Incoming call			
Call Answer Settings			
Auto Answer	page 71	AUTO ANSWER	page 53
Ringtone Count [time(s)]	page 71	RINGTONE COUNT	
Ringtone Settings (Normal Call)			
Ringtone	page 72	RINGTONE	page 62
Function Settings			
Door Release Settings			
Door Release Authorization			
Authentication Key	page 73	-	-
Door Release Output Assignment			
Contact Assignment	page 73	-	-
Authentication Key	page 73	-	-

Entry	Reference page	Settings when using the device	
		Entry	Reference page
Contact Input Call			
Call Acknowledged Settings			
Call Timeout [sec] ♦	page 74	OP-IN CALL TIMER	page 52
Master Station Call Group Assignment			
Group Number	page 74	-	-
Priority	page 74	-	-
Ringtone Settings (Option Input)			
Ringtone	page 75	OP-IN RINGTONE	page 62
Paging Settings			
Paging Pretone Setting			
Pretone	page 76	PRETONE	page 59
Paging Time Setting			
Paging Timeout [sec] ♦	page 76	PAGING TIMEOUT	page 59
Network Camera Integration			
Network Camera Event Tone	page 76	-	-
Event Tone Count [time(s)]	page 76	-	-
E-mail Settings			
E-mail Addresses			
Destination 1 to 3	page 77	-	-
E-mail Event Trigger			
Normal call	page 78	-	-
Priority call	page 78	-	-
Urgent call	page 78	-	-
Door Release Activated	page 78	-	-
Call Failed	page 78	-	-
Error Occurred	page 78	-	-
Station Restart	page 78	-	-
Periodic Log Transmission	page 78	-	-
Periodic Log Transmit Time	page 78	-	-
Periodic Log Transmit Interval	page 78	-	-
Subject Text	page 78	-	-
Transfer Setting			
Absent Transfer Settings			
Absent Transfer	page 79	ABSENT TRANSFER	page 54
Transfer to Station Number	page 79	X'FER TO (STATION)	
Delay Transfer Settings			
Delay Transfer	page 79	DELAY TRANSFER	page 57
Delay Time [sec] ♦	page 79	DELAY	
Transfer to Station Number	page 79	X'FER TO (STATION)	
Transfer Schedule Settings			
Transfer Schedule	page 80	SCHEDULE TRANSFER	page 55
Transfer to Station Number	page 80	X'FER TO (STATION)	
Weekly Schedule			
From Sunday through Saturday	page 80	SCHEDULE SETTING	page 56
Station Hardware Settings			
Speed Dial Button Settings			
Destination Assignment			
Mode Selection	page 81	BUTTON 1 to 6	page 64
Group Number	page 81		
Station Number	page 81		
Priority	page 81		

Entry	Reference page	Settings when using the device	
		Entry	Reference page
Privacy Setting			
Privacy	page 81	PRIVACY	page 53
Volume Settings			
Volume Settings			
Handset Transmit Volume	page 82	-	-
Handset Receive Volume	page 82	HANDSET VOL	page 61
Hands-free Transmit Volume	page 82	-	-
Hands-free Receive Volume	page 82	SPEAKER VOL	page 61
Ringtone volume	page 82	RINGTONE VOL	
Button Feedback Tone	page 82	BTN FEEDBACK TONE	
Communication Settings			
Talk Timeout [sec] ♦	page 83	TALK TIMEOUT	page 58
Force Push-to-talk	page 83	FORCE PUSH-TO-TALK	
Monitor Setting			
Monitor Timeout [sec] ♦	page 83	MONITOR TIMEOUT	page 60
Master Station Display Settings			
Brightness	page 83	BRIGHTNESS	page 63
Time Format	page 83	-	-
Standby LED State	page 83	STANDBY LED STATE	page 63

Settings related to outgoing calls

1

In standby mode or on the menu screen, press SETTING



Settings screen (001/008) is displayed.

During configuration, the setting indicator is ON.



2

or will select the setting, then press



3

or will change the settings, then press to accept the changes

SETTING : Exit the settings and display the menu screen.

Entry	Description	Settings	Default values
OUTGOING CALL TIMER	Set the call time for outgoing calls.	10-600 Sec (by 1 sec) / ∞	60 Sec
RINGBACK TONE COUNT	Set the ringback tone count when making an outgoing call.	1-20 x (by 1 time) / ∞	∞ x
OP-IN CALL TIMER	Set the outgoing call time when making an outgoing call from an external device.	10-600 Sec (by 1 sec) / ∞	60 Sec
OP-IN CALL RNG CNT	Set the ringback tone count when making an outgoing call from an external device.	1-20 x (by 1 time) / ∞	∞ x

∞: Infinite

Settings related to incoming calls

1 In standby mode or on the menu screen, press SETTING

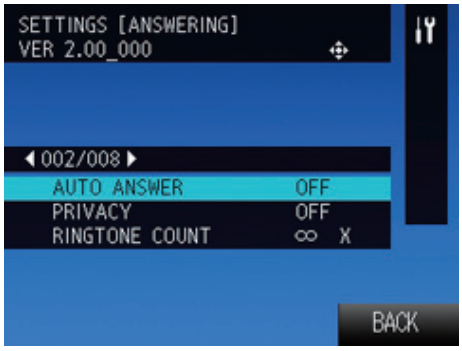


Settings screen (001/008) is displayed.

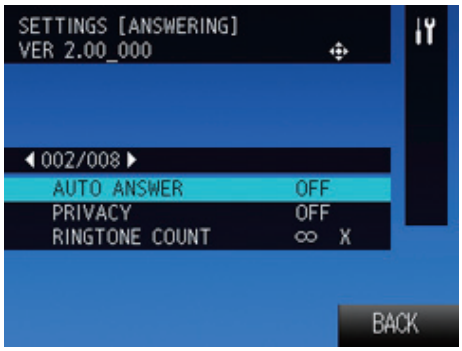
During configuration, the setting indicator is ON.



2 ◀ or ▶ will display “Settings screen (002/008)”



3 ▲ or ▼ will select the settings item, then press ●



4 ▲ or ▼ will change the settings, then press ● to accept the changes

SETTING : Exit the settings and display the menu screen.

Entry	Description	Settings	Default values
AUTO ANSWER	When receiving an individual call from the master station, choose to enable/disable the automatic answer function.	ON/OFF	OFF
PRIVACY	When auto answering, choose to enable/ disable the function to turn off the microphone to prevent audio from being heard.	ON/OFF When set, the privacy indicator will be ON. When the standby state or the menu screen are displayed, switch by pressing the privacy button.	OFF
RINGTONE COUNT	Set the ringtone count of an incoming call when receiving a call.	1-20 x (by 1 time) / ∞	∞ x

∞: Infinite

Settings related to the transfer function

Absent transfer setting

1 In standby mode or on the menu screen, press SETTING

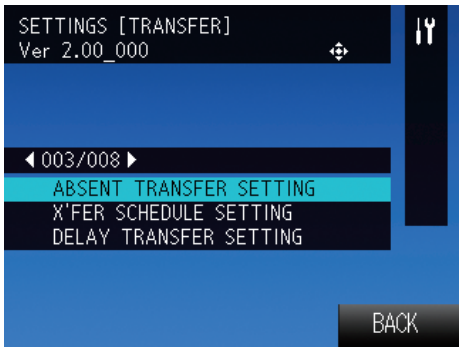


Settings screen (001/008) is displayed.

During configuration, the setting indicator is ON.

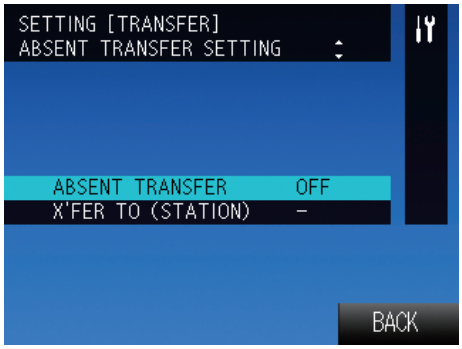


2 or will display “Settings screen (003/008)”



3 or will select “ABSENT TRANSFER SETTING,” then press

4 or will select the settings item, then press



5 or will change the settings, then press to accept the changes

When setting “X’FER TO (STATION),” search for and set the transfer destination.

SETTING : Exit the settings and return to “Settings screen (003/008).”

Entry	Description	Settings	Default values
ABSENT TRANSFER	Choose to set absent transfer.	ON/OFF If the X’FER TO (STATION) is not set, ABSENT TRANSFER cannot be enabled.	OFF
X’FER TO (STATION)	Configure the transfer destination station. The “X’FER TO (STATION)” can be set to a door station, however only an individual master to master call can be transferred. Door station calls cannot be transferred to another door station.	Select from registered stations The door station can be selected, but a call cannot be transferred to it. Remove the registration by pressing Delete (“PRIVACY” button).	-

X'fer schedule setting

1 In standby mode or on the menu screen, press SETTING

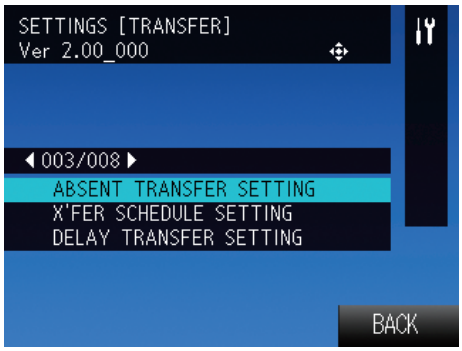


Settings screen (001/008) is displayed.

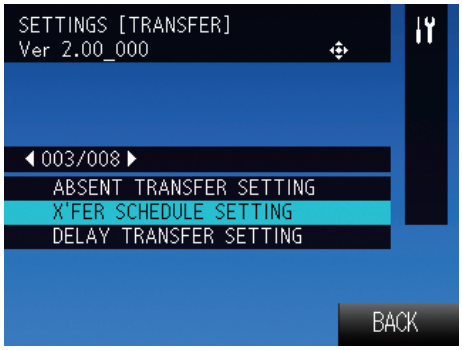
During configuration, the setting indicator is ON.



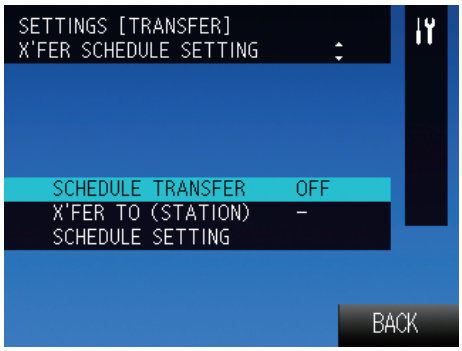
2 ◀ or ▶ will display "Settings screen (003/008)"



3 ▲ or ▼ will select "X'FER SCHEDULE SETTING," then press ●



4 ▲ or ▼ will select the settings item, then press ●



5 ▲ or ▼ will change the settings, then press ● to accept the changes

When setting "X'FER TO (STATION)," search for and set the transfer destination.

To configure a "SCHEDULE SETTING," advance to Step **6**.

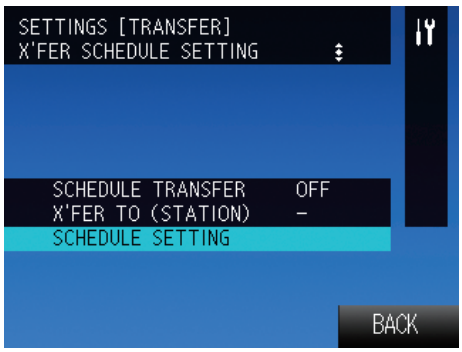
SETTING : Exit the settings and return to "Settings screen (003/008)."

→Continued on next page

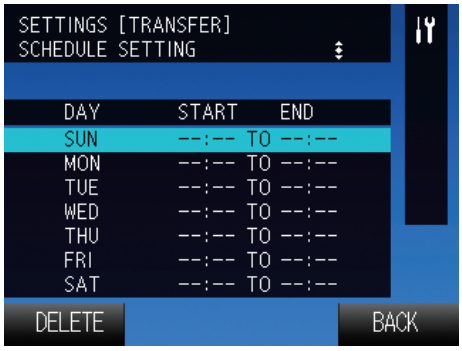
Entry	Description	Settings	Default values
SCHEDULE TRANSFER	Choose to enable/disable the schedule transfer.	ON/OFF If the X'FER TO (STATION) is not set, SCHEDULE TRANSFER cannot be enabled.	OFF
X'FER TO (STATION)	Set the transfer destination station. The "X'FER TO (STATION)" can be set to a door station, however only an individual master to master call can be transferred. Door station calls cannot be transferred to another door station.	Select from registered stations The door station can be selected, but a call cannot be transferred to it. Remove the registration by pressing Delete ("PRIVACY" button).	-

When setting the transfer schedule...

6 or will select "SCHEDULE SETTING," then press



7 or will select the day to be set, then press



8 will set the start and end times, then press to accept the changes

: change the settings.

*Depending on how the time is set, it may be extend between two days.

Example: Monday 22:00 to 8:00
⇨Transfer from Monday at 22:00 to Tuesday at 8:00.

: Move the item.

PRIVACY : Reset settings to their initial value.

SETTING : Exit the settings and return to "X'FER SCHEDULE SETTING screen."

Delay transfer setting

1 In standby mode or on the menu screen, press SETTING

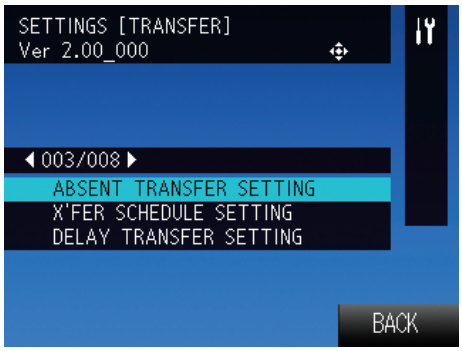


Settings screen (001/008) is displayed.

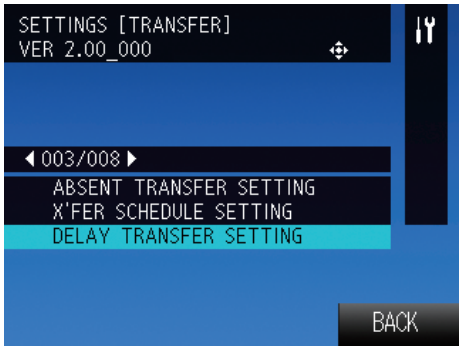
During configuration, the setting indicator is ON.



2 or to display “Settings screen (003/008)”



3 or to select “DELAY TRANSFER SETTING,” then press



4 or to select the settings item, then press



5 or to change the settings, then press to accept the changes

When setting “X’FER TO (STATION),” search for and set the transfer destination.

SETTING : Exit the settings and return to “Settings screen (003/008).”

Entry	Description	Settings	Default values
DELAY TRANSFER	Choose to enable/disable the delay transfer.	ON/OFF If the X’FER TO (STATION) is not set, DELAY TRANSFER cannot be enabled.	OFF
X’FER TO (STATION)	Set the transfer destination station. The “X’FER TO (STATION)” can be set to a door station, however only an individual master to master call can be transferred. Door station calls cannot be transferred to another door station.	Select from registered stations Remove the registration by pressing Delete (“PRIVACY” button).	-
DELAY	Set the delay time after receiving an incoming call.	1-300 Sec (by 1 sec)	30 Sec

Settings related to Communication

1 In standby mode or on the menu screen, press SETTING



Settings screen (001/008) is displayed.

During configuration, the setting indicator is ON.



2 or will display “Settings screen (004/008)”



3 or to select the settings item, then press



4 or to change the settings, then press to accept the changes

SETTING : Exit the settings and display the menu screen.

Entry	Description	Settings	Default values
FORCE PUSH-TO-TALK	When responding hands-free or handset, choose enable/disable the function to use push-to-talk communication. If communication method is changed from hands-free to handset, it will switch to Full-duplex communication.	ON/OFF	OFF
TALK TIMEOUT	Set the time until the communication is disconnected.	30-600 Sec (by 1 sec)	60 Sec

Settings related to paging

1 In standby mode or on the menu screen, press SETTING

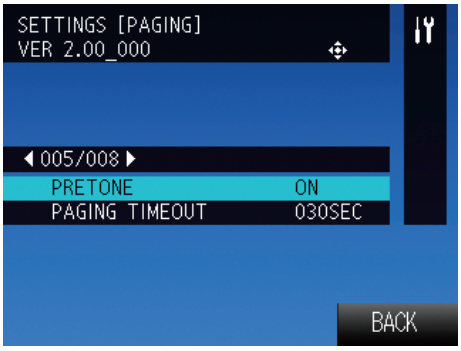


Settings screen (001/008) is displayed.

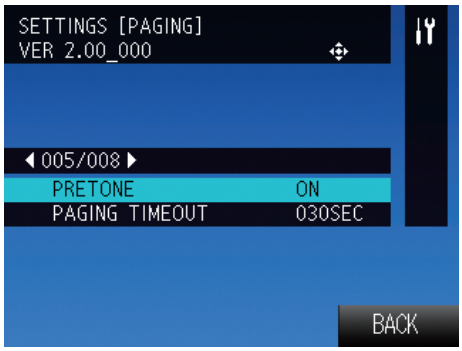
During configuration, the setting indicator is ON.



2 or will display “Settings screen (005/008)”



3 or to select the settings item, then press



4 or to change the settings, then press to accept the changes

SETTING : Exit the settings and display the menu screen.

Entry	Description	Settings	Default values
PRETONE	Choose to enable/disable the pretone when receiving a page.	ON/OFF	ON
PAGING TIMEOUT	Set the maximum time allowed for making a page.	10 to 600 Sec (by 1 sec)	30 Sec

Settings related to monitor function

1 In standby mode or on the menu screen, press SETTING

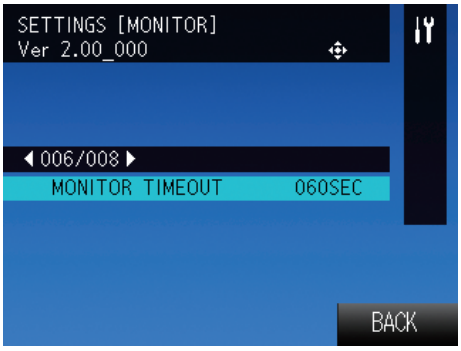


Settings screen (001/008) is displayed.

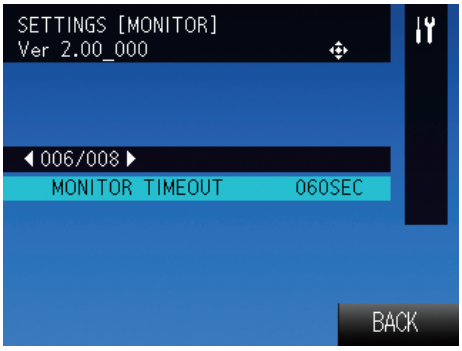
During configuration, the setting indicator is ON.



2 or to display “Settings screen (006/008)”



3 While “MONITOR TIMEOUT” is selected, press



4 or to change the settings, then press to accept the changes

SETTING : Exit the settings and display the menu screen.

Entry	Description	Settings	Default values
MONITOR TIMEOUT	Set the time when the monitor will turn off.	10 to 600 Sec (by 1 sec)	60 Sec

Settings related to volume

1 In standby mode or on the menu screen, press SETTING

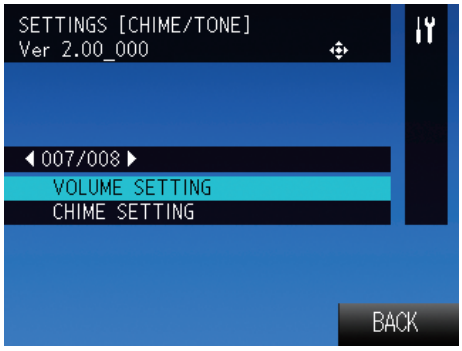


"Settings screen (001/008)" is displayed.

During configuration, the setting indicator is ON.



2 or to display "Settings screen (007/008)"



3 or to select "VOLUME SETTING," then press

4 or to select the settings item



5 or to change the settings

To change "BTN FEEDBACK TONE" press then or to choose ON or OFF, then press .

SETTING : Exit the settings and return to "Settings screen (007/008)."

Entry	Description	Settings	Default values
SPEAKER VOL	Set the receive volume during hands-free communication.	10 levels	6
HANDSET VOL	Set the receive volume during handset communication.	10 levels	6
RINGTONE VOL	Set the volume when receiving an incoming call.	Mute / 10 levels	6
BTN FEEDBACK TONE	Choose to enable/disable the feedback tone when operating the buttons.	ON/OFF	OFF

Settings related to ringtone

1 In standby mode or on the menu screen, press SETTING

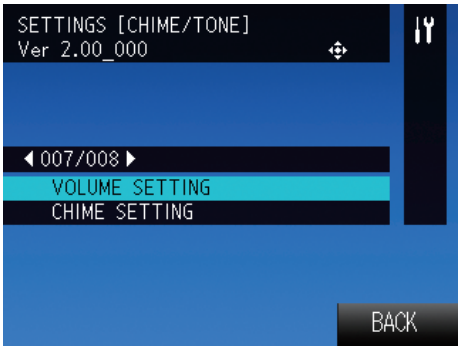


Settings screen (001/008) is displayed.

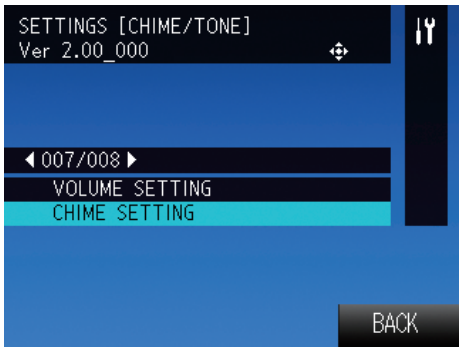
During configuration, the setting indicator is ON.



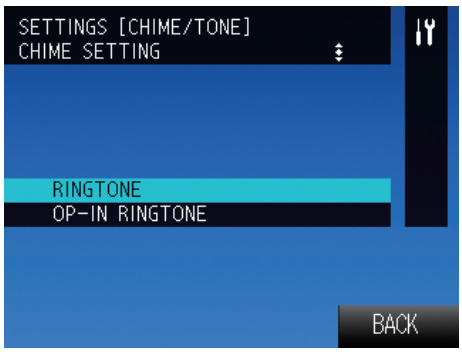
2 or to display “Settings screen (007/008)”



3 or to select “CHIME SETTING,” then press



4 or to select the settings item, then press



5 Search for station

6 or to select the ringtone, then press to accept the changes

Selecting the ringtone will cause it to play.

SETTING : Exit the settings and return to “Settings screen (007/008).”

Entry	Description	Settings	Default values
RINGTONE	When receiving an incoming call from normal operation, set the ringtone for each call origination source.	Select from ringtones registered on this device	Call Pattern 1
OP-IN RINGTONE	When receiving an incoming call from an external device, set the ringtone for each call origination source.	Select from ringtones registered on this device	Call Pattern 2

Settings related to display

1 In standby mode or on the menu screen, press SETTING

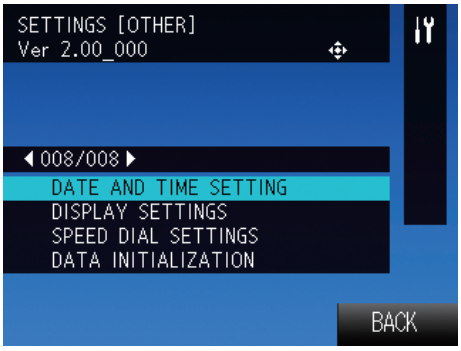


Settings screen (001/008) is displayed.

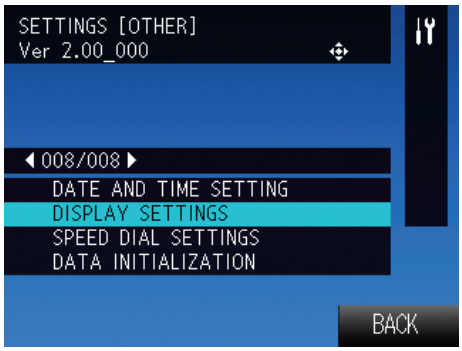
During configuration, the setting indicator is ON.



2 or to display “Settings screen (008/008)”



3 or to select “DISPLAY SETTINGS,” then press



4 or to select the settings item



5 or to change the settings

To change “STANDBY LED STATE” or “LANGUAGE” press then or to choose setting, then press .

SETTING : Exit the settings and return to “Settings screen (008/008).”

Entry	Description	Settings	Default values
BRIGHTNESS	Set the screen brightness.	10 levels	6
STANDBY LED STATE	In standby, choose whether the status indicator for this device is ON or OFF.	ON/OFF	ON
LANGUAGE	Set the language for the display on the Master Station. If the language is changed, the characters of station name may appear incorrectly.	JPN/ENG/FRE/SPA/DUT/ZHT/ZHC	ENG

Settings related to the speed dial buttons

1 In standby mode or on the menu screen, press SETTING

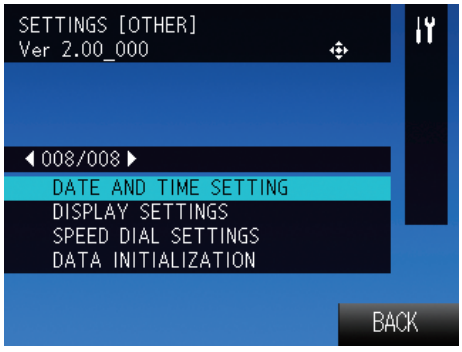


Settings screen (001/008) is displayed.

During configuration, the setting indicator is ON.



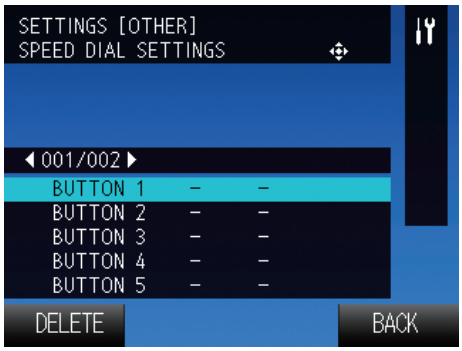
2 or to display “Settings screen (008/008)”



3 or to select “SPEED DIAL SETTINGS,” then press



4 or to select the settings for the speed dial buttons, then press



5 Search for an outgoing call destination station or a group to register to the selected speed dial button

6 or to select the outgoing call type, then press to accept the changes

SETTING : Exit the settings and return to “Settings screen (008/008).”

Entry	Description	Settings	Default values
BUTTON 1 to 6	Register an outgoing call destination station or a group and outgoing call type to the speed dial buttons.	When the outgoing call destination is a specific station, making an outgoing call to the station or the group will allow the user to select between calling or paging. Remove the registration by pressing Delete (“PRIVACY” button).	-

Initialize

Initializing the device will reset all settings to default. Outgoing and incoming call history will be cleared.

1 In standby mode or on the menu screen press SETTING

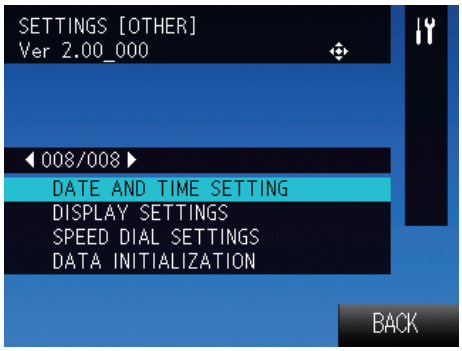


Settings screen (001/008) is displayed.

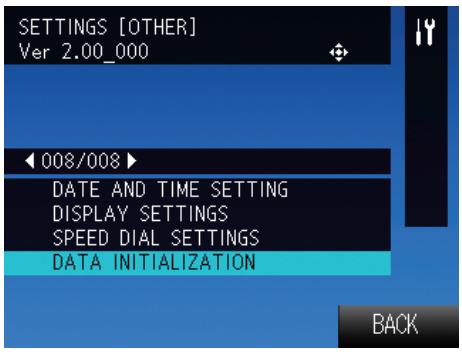
During configuration, the setting indicator is ON.



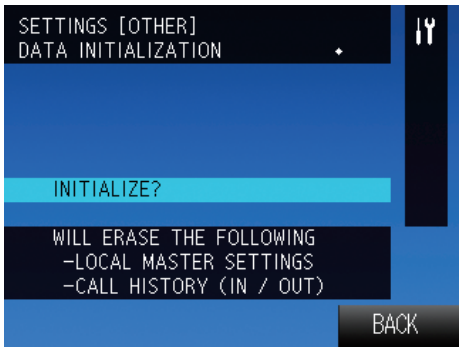
2 or to display “Settings screen (008/008)”



3 or to select “DATA INITIALIZATION,” then press



4 Press



When canceling initialization press SETTING.

5 or to select “YES,” then press to initialize

When initialization is complete, the unit will return to the menu screen.

Connect to the same network as the device and manage the settings from PC web browser.

System requirements

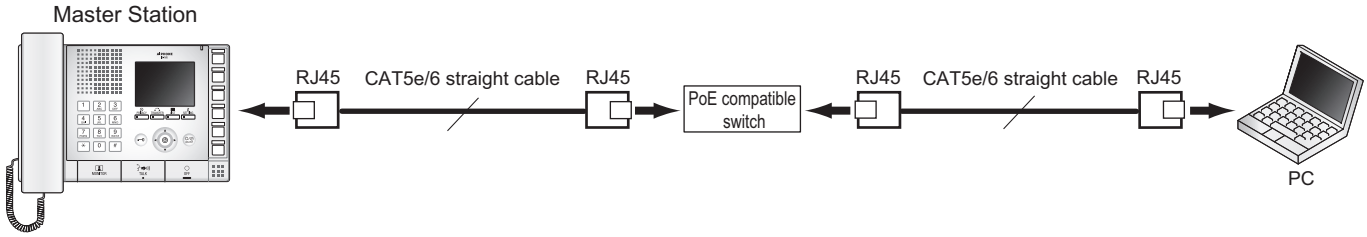
The PC should meet the following requirements to be capable of configuring the system.

Network	Ethernet (10 BASE-T, 100 BASE-TX)
Web browser	Internet Explorer 7.0, 8.0, or 9.0 (SSL 3.0 or TLS 1.0 or later)

Connecting to a PC

Connect the station with a PC using PoE compatible switch.

• Use CAT5e/6 straight cable to connect the devices through LAN port.



Login to this device

1 Start the PC and open a web browser (Internet Explorer)

2 Enter the address below into the web browser address bar

https://(IP address of this device)/webset.cgi?login

When the IP address is IPv6, put brackets ([ ]) around it.

Display the language selection screen.

3 Select the language

Language for displaying contents on the Web settings is changed.

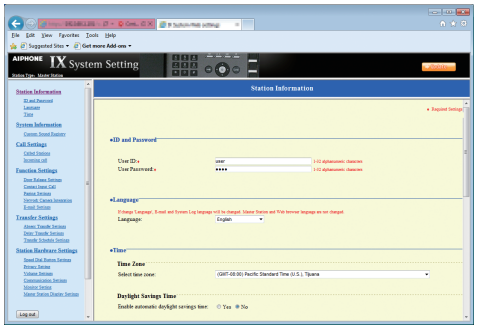
Language for the display on the Master Station is not changed.



Display the login screen of the selected language.

4 Enter the ID and password, and click Login

Initial value	ID: user
	Password: user



Display the setting screen.

Notice

- Be sure to type in “https://” to login.
- Do not login multiple times using multiple browsers at one time on the same PC.
- If a security warning screen appears, disregard the warning and continue.
- The initial IP address and Subnet mask values are below.

  IP address: 192.168.1.160

  Subnet mask: 255.255.255.0
- Contact the system administrator if the IP address or subnet mask for the device is not known.

Setting window

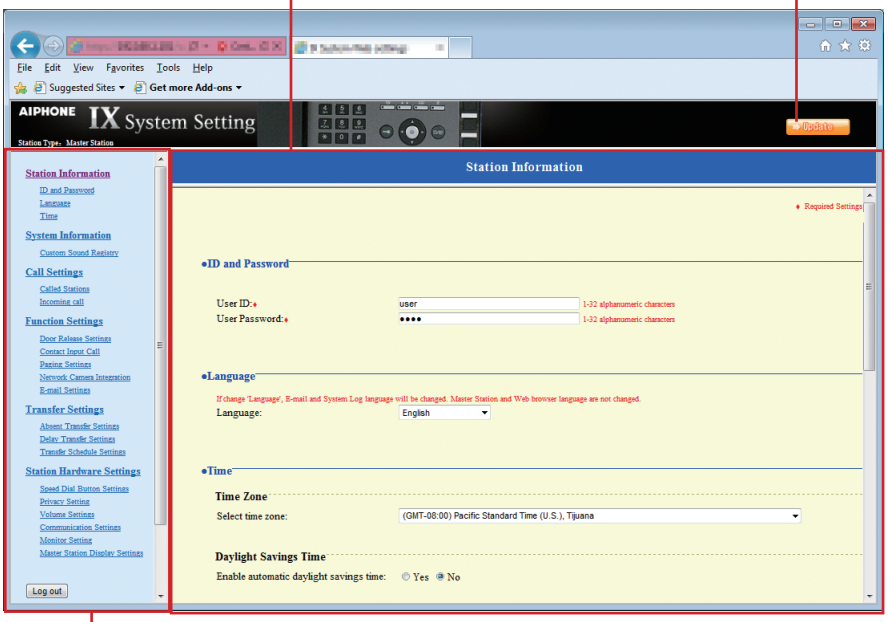
When accessing the web server of the station, the following setting window will appear. The station can be configured in this window.

- Depending on the PC and OS being used, the window may be slightly different.
- After configuring the station, confirm its operation by referring to the “Operation Manual.”

<Setting window sample>

Setting window:
This indicates the setting window of the title selected.

Update button
Click this button to update the station settings.



Setting menu:
Shows all items that can be configured. Click the title to be configured and appropriate setting window will display.

How to configure

1 Click the title to configure in the settings menu

The setting window for that particular title will be shown.

2 Configure each setting item

3 When done making changes, click Update to update the settings

- When the settings are updated, “Setting Updated.” will be shown at the top left corner in the window. If this fails, an error message will be shown.
- To cancel the changes, click another title in the setting menu.

4 Repeat steps 1 to 3 for other titles

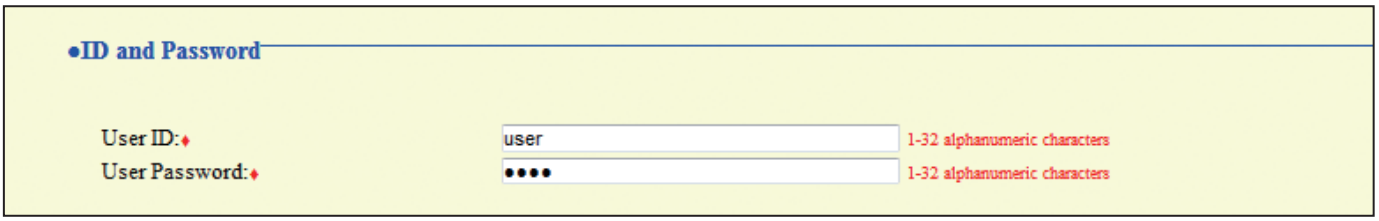
To log out of the Web server of this station, click Log out in the settings menu.

Notice

- To end the setting session, do not use ✕. Use Log out to end.
- If the setting window switch to another without clicking Update, the settings will not be saved.
- When no activity is detected for one hour, the connection will be automatically terminated.

Station Information

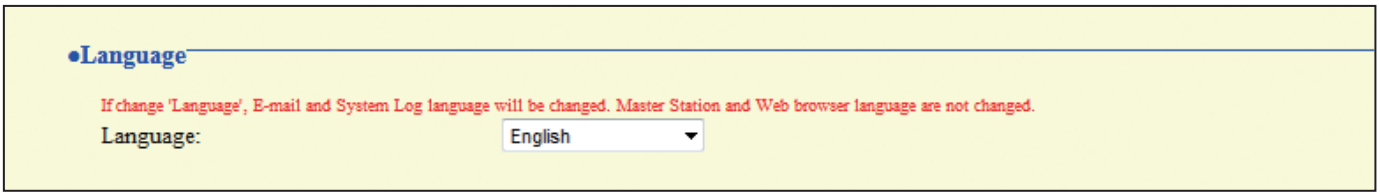
ID and Password



♦This is a required setting.

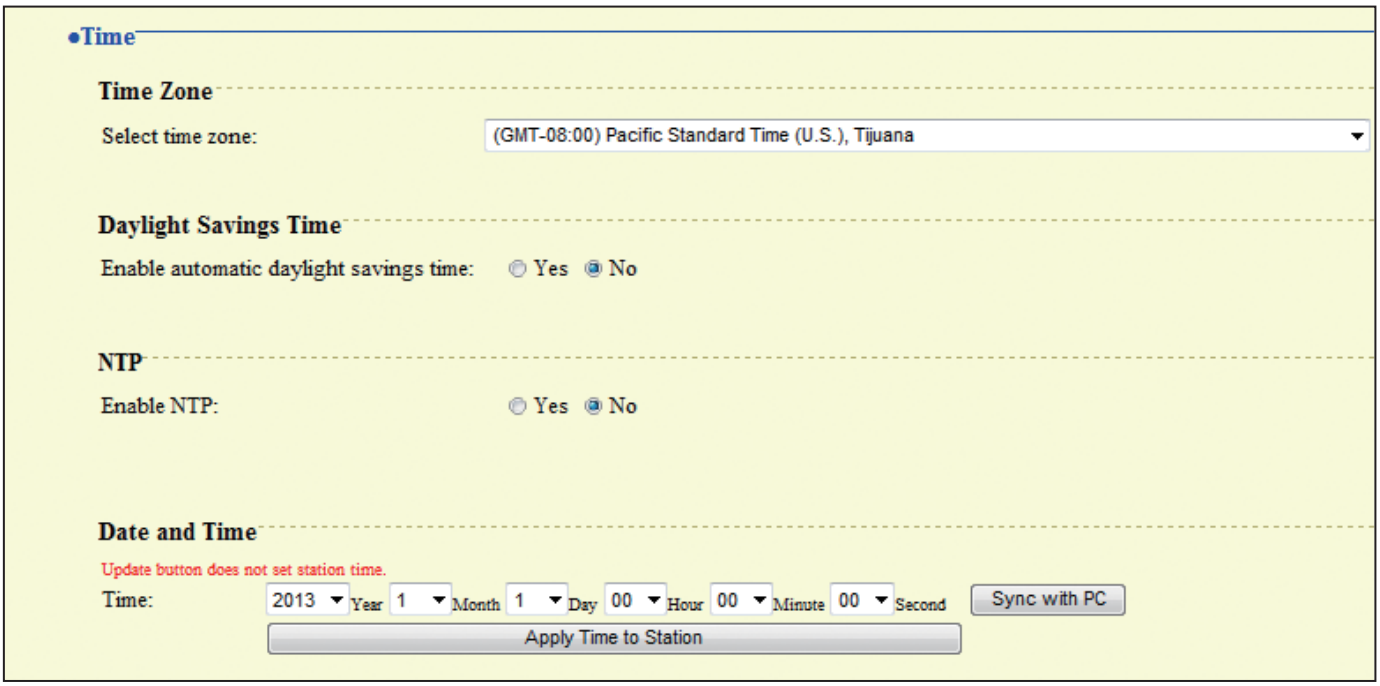
Entry	Description	Settings	Default values
User ID ♦	Set the ID for login to this device.	1-32 alphanumeric characters	user
User Password ♦	Set the password for login to this device.	1-32 alphanumeric characters	user

Language



Entry	Description	Settings	Default values
Language	Select the language for e-mail and system log language. (Master station and web browser language are not changed.)	• Japanese • English • French • Spanish • Dutch • Traditional Chinese • Simplified Chinese	English

Time



■ Time Zone

Entry	Description	Settings	Default values
Select time zone	Select the time zone to be used.	Select from 99 regions	GMT-08:00 Pacific Standard Time (U.S.), Tijuana

■ Daylight Savings Time

Entry	Description	Settings	Default values
Enable automatic daylight savings time	Adjust the daylight saving time automatically to fit the region selected in "■ Select time zone."	• Yes • No	No

■ NTP

Entry	Description	Settings	Default values
Enable NTP	Enable NTP server to retrieve the time. Configuring NTP server is required separately if using an NTP server. Contact system administrator.	• Yes • No	No

■ Date and Time

Pressing Update will not show date and time settings on this device.

Click Apply Time to Station to show it.

Entry	Description	Settings	Default values
Time	Set the current time for the station. Time is used in outgoing call history and incoming call history.	2012/1/1/00:00:00 - 2037/12/31/23:59:59 Sync with PC: Synchronized with the current time setting of the PC.	2013/1/1/ 00:00:00

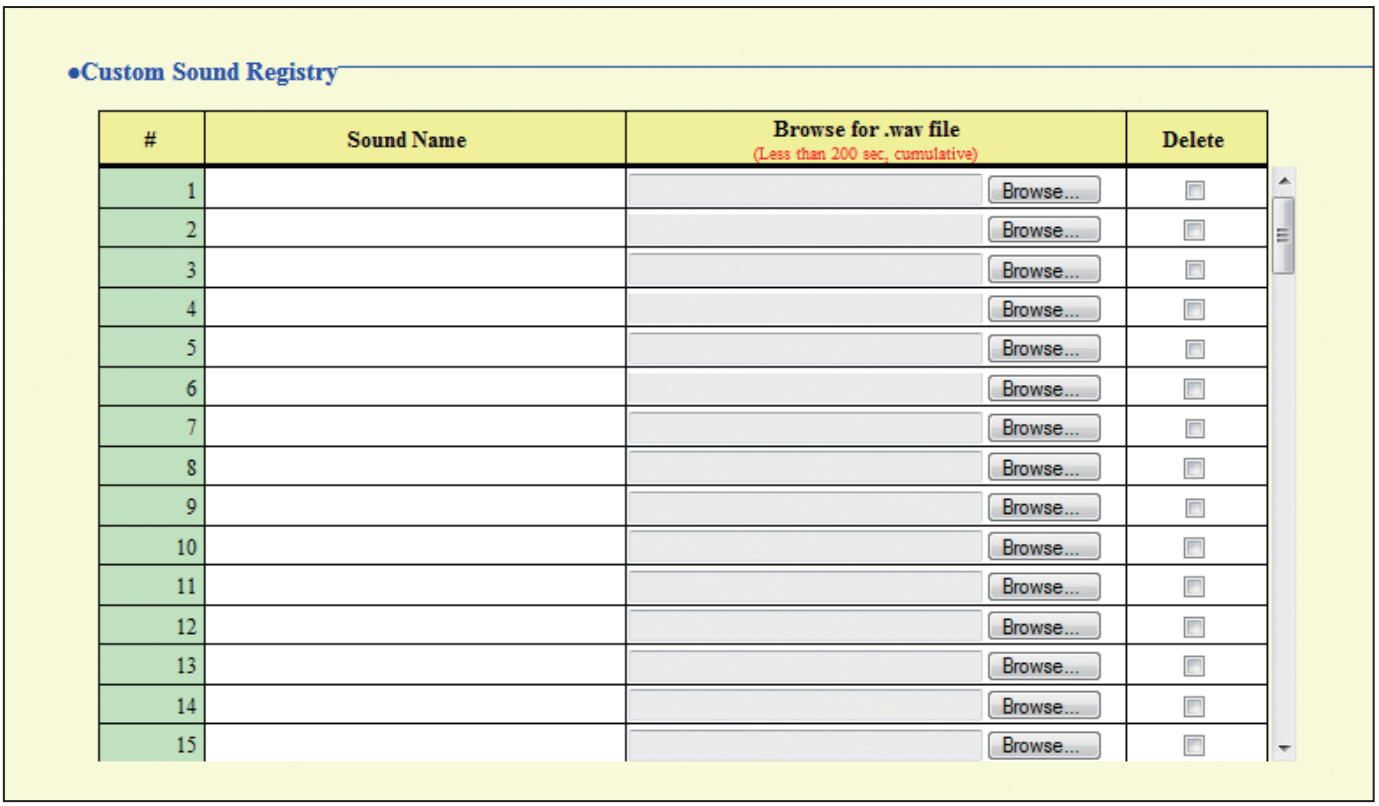
System Information

Custom Sound Registry

Register a maximum of 100 audio files to be used for incoming call tones (total length should not exceed approximately 200 seconds / approximately 3.2MB).

●Supported file format

- File format: .wav
- Audio sample size: 16 bits
- Audio sample rate: 8 kHz
- Number of channels: One (mono)



■ How to upload

1) Click Browse....

2) Select the audio file, click Open.

3) Click Update.

Notice

- The file name is automatically entered when the file is uploaded.
- If using the incoming call tone or the network camera event notification tone, provide a silence period for the sound source.
- A DVD-ROM with sample files of custom tones is included with the Master Station. Use the files in it as audio source.

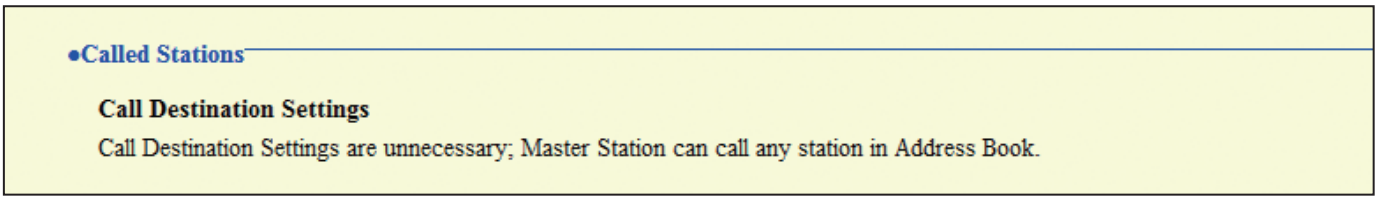
■ How to delete

1) Check the ☑ "Delete" box on the audio file to delete.

2) To delete click Update.

Call Settings

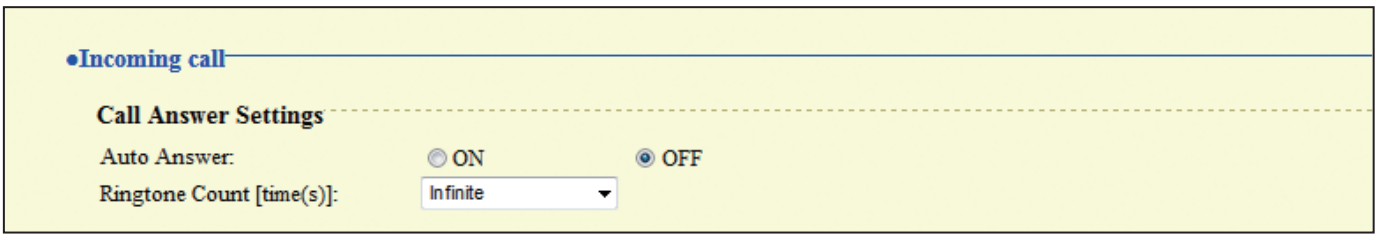
Called Stations



■ Call Destination Settings

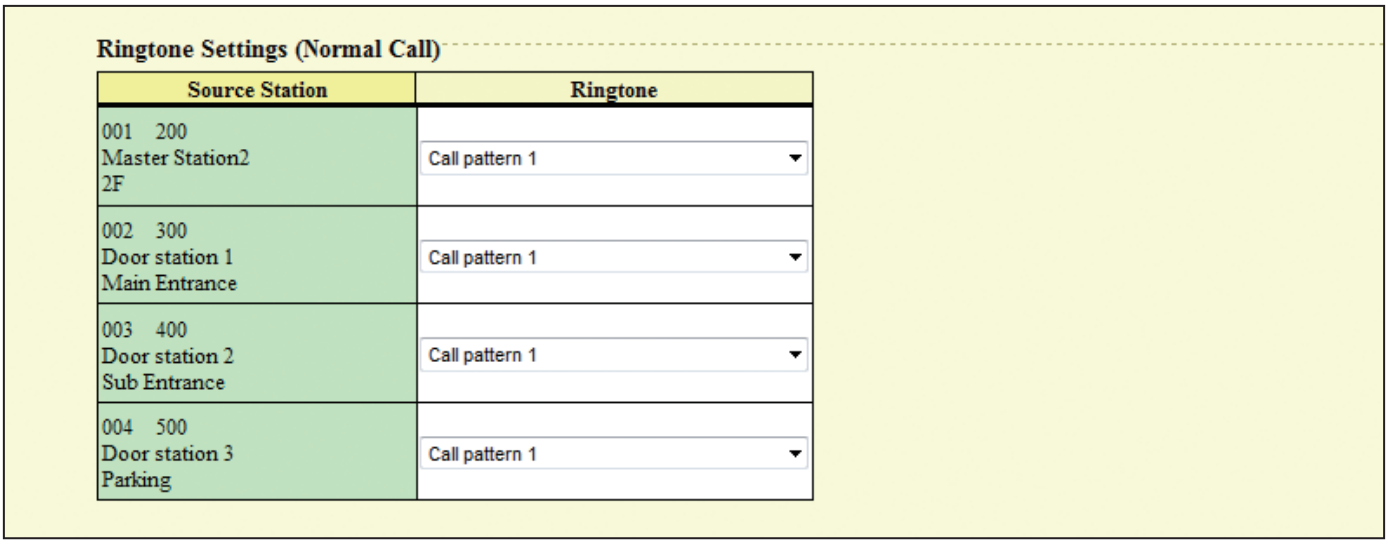
The intercom call destination settings are not required. All stations that are registered in the address book can be called.

Incoming call



■ Call Answer Settings

Entry	Description	Settings	Default values
Auto Answer	Configure automatic answering (opens communication automatically when receiving an individual call from a master station).	• ON • OFF	OFF
Ringtone Count [time(s)]	Set the ringtone count.	• 1-20 times • Infinite: Ringtone will continue until the communication start or the incoming call end.	Infinite


Ringtone Settings (Normal Call)

Source Station	Ringtone
001 200 Master Station2 2F	Call pattern 1
002 300 Door station 1 Main Entrance	Call pattern 1
003 400 Door station 2 Sub Entrance	Call pattern 1
004 500 Door station 3 Parking	Call pattern 1

■ Ringtone Settings (Normal Call)

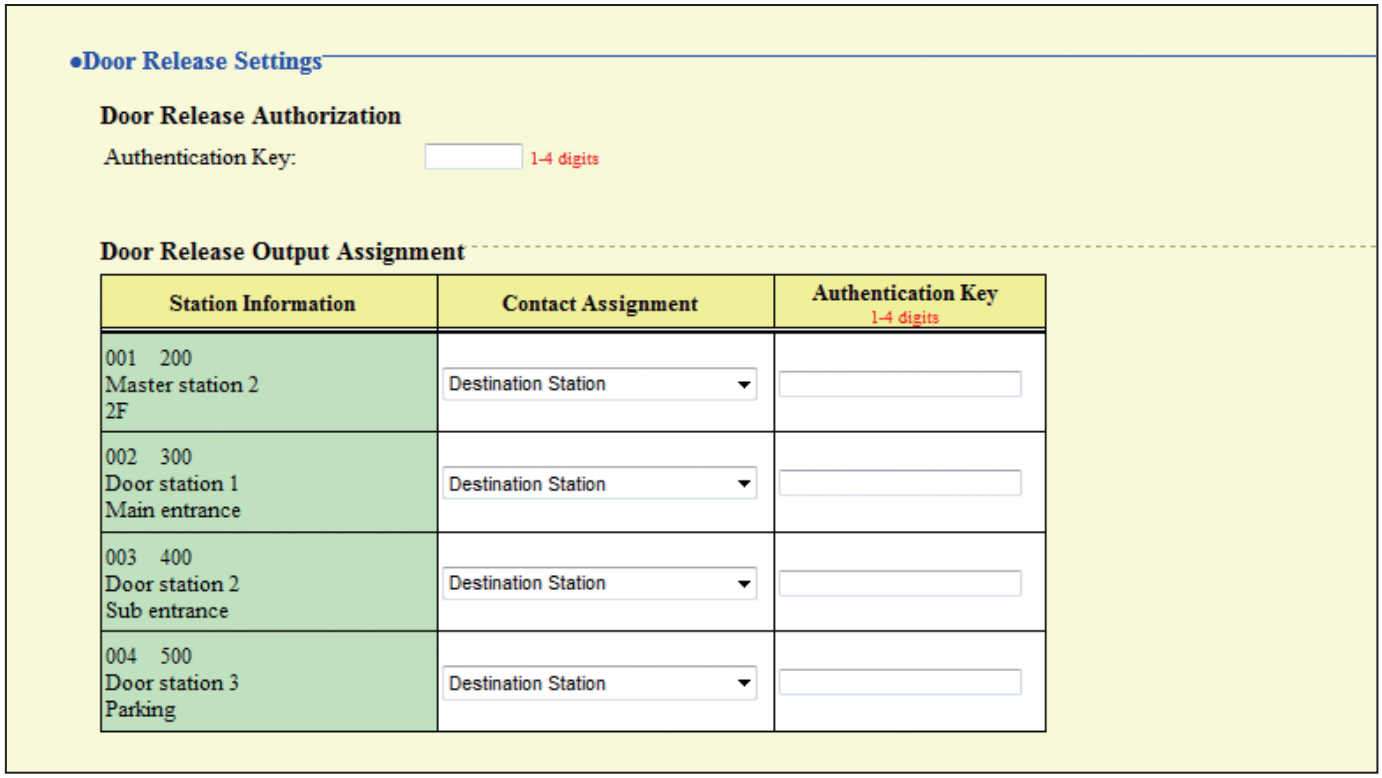
Entry	Description	Settings	Default values
Ringtone	Set the ringtone for an incoming call when the unit is operated. Set a different ringtone for each source.	• Call pattern 1 • Call pattern 2 • Call pattern 3 • Call pattern 4 • Call pattern 5 • Call pattern 6 • Tremolo sound • Busy tone • On-hold tone • Operation sound • Error sound • Select from the sound source registered in “Custom Sound Registry” (→ page 70).	Call pattern 1

Function Settings

Door Release Settings

Attention

If the door release settings are changed, door release activation may no longer function.
If the settings are changed, contact the system administrator.



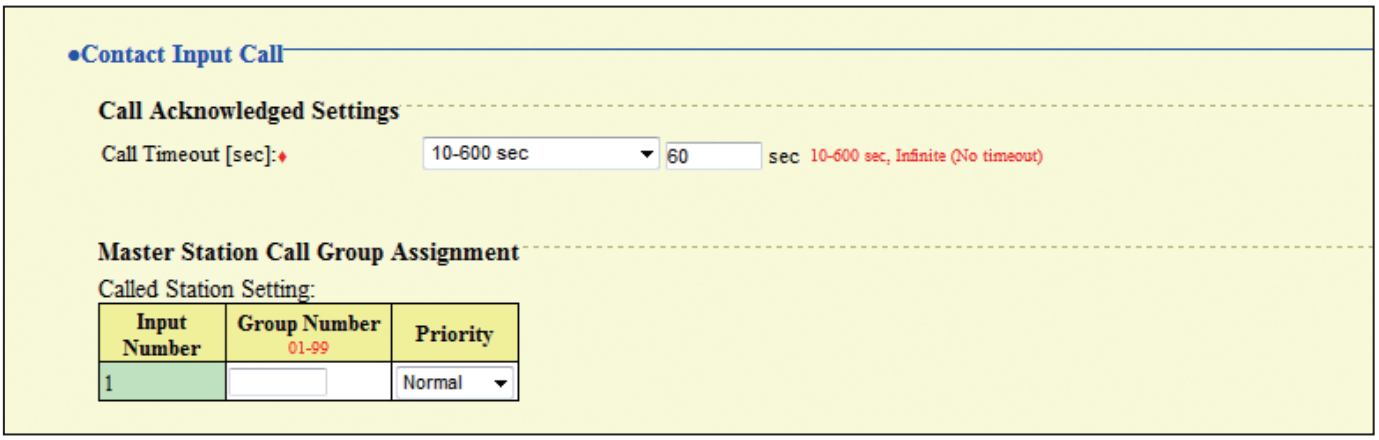
■ Door Release Authorization

Entry	Description	Settings	Default values
Authentication Key	Set the authentication key to allow control of the master station's door release output. Authentication key: When this matches the key of the other master station, control will be permitted.	1-4 digits	-

■ Door Release Output Assignment

Entry	Description	Settings	Default values
Contact Assignment	For each station, set which door release output is used when the door release button is pressed.	• Originating Station • Destination Station	Destination Station
Authentication Key	When "Destination Station" is chosen in "Contact Assignment," set the authentication key to be used when the door release button is pressed. This should match the authentication key of the destination station.	1-4 digits	-

Contact Input Call



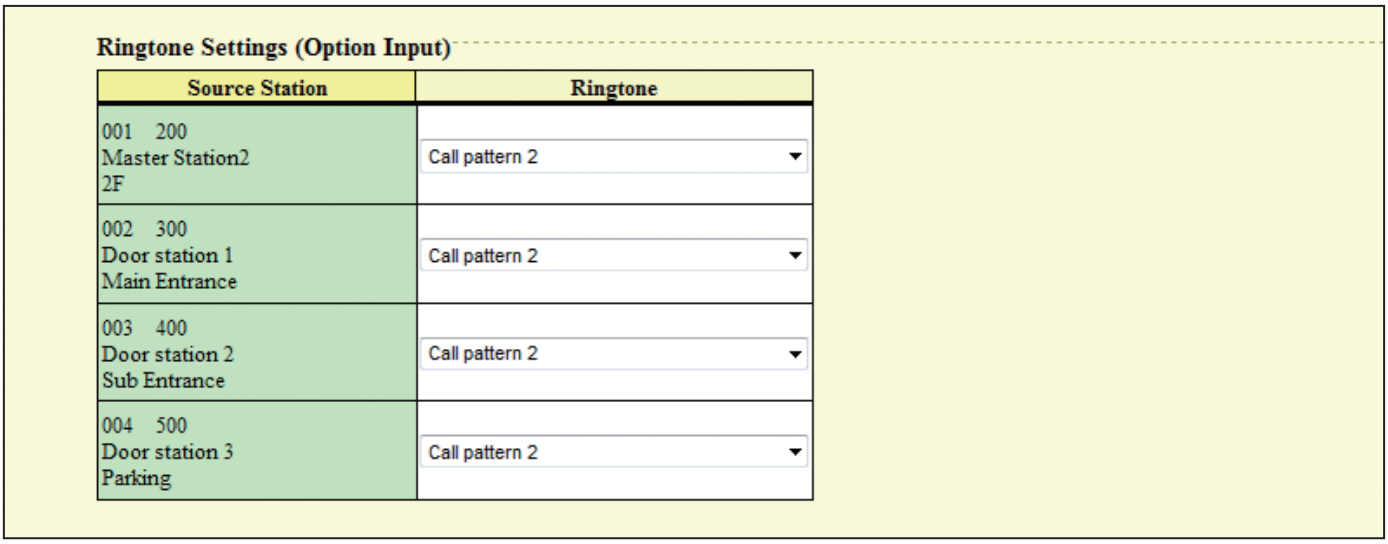
■ Call Acknowledged Settings

♦This is a required setting.

Entry	Description	Settings	Default values
Call Timeout [sec] ♦	Set the call ring timer for a contact input call.	• 10-600 sec (by 1 sec) • Infinite: Ringing continues until the caller stops or the recipient responds.	10-600 sec, 60 sec

■ Master Station Call Group Assignment

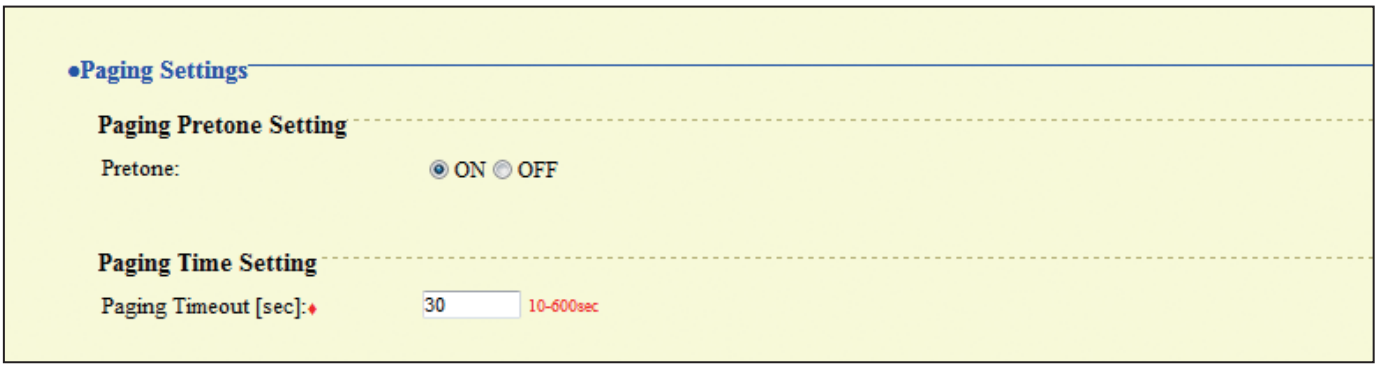
Entry	Description	Settings	Default values
Group Number	Set the group number to be called when the contact input is triggered.	01-99	-
Priority	Set the priority of the call when the contact input is triggered.	• Normal • Priority • Urgent	Normal



■ Ringtone Settings (Option Input)

Entry	Description	Settings	Default values
Ringtone	Set the ringtone for an incoming contact input call. Set a different ringtone for each source.	• Call pattern 1 • Call pattern 2 • Call pattern 3 • Call pattern 4 • Call pattern 5 • Call pattern 6 • Tremolo sound • Busy tone • On-hold tone • Operation sound • Error sound • Select from the sound source registered in “Custom Sound Registry” (→ page 70).	Call pattern 2

Paging Settings



■ Paging Pretone Setting

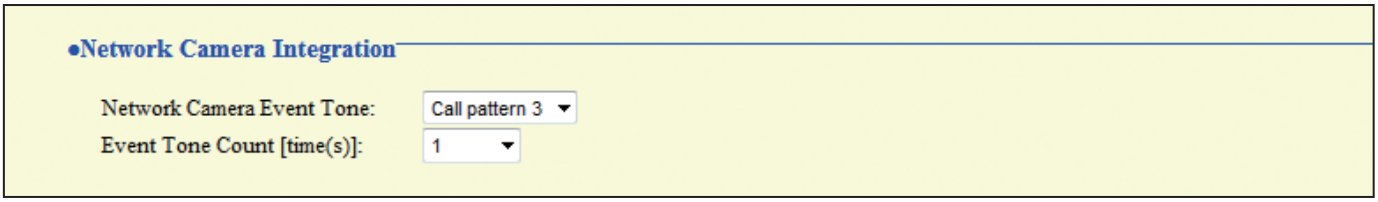
Entry	Description	Settings	Default values
Pretone	Choose to enable/disable the pretone when the station is paged.	• ON • OFF	ON

■ Paging Time Setting

♦This is a required setting.

Entry	Description	Settings	Default values
Paging Timeout [sec] ♦	Set the maximum paging duration.	10-600 sec (by 1 sec)	30 sec

Network Camera Integration

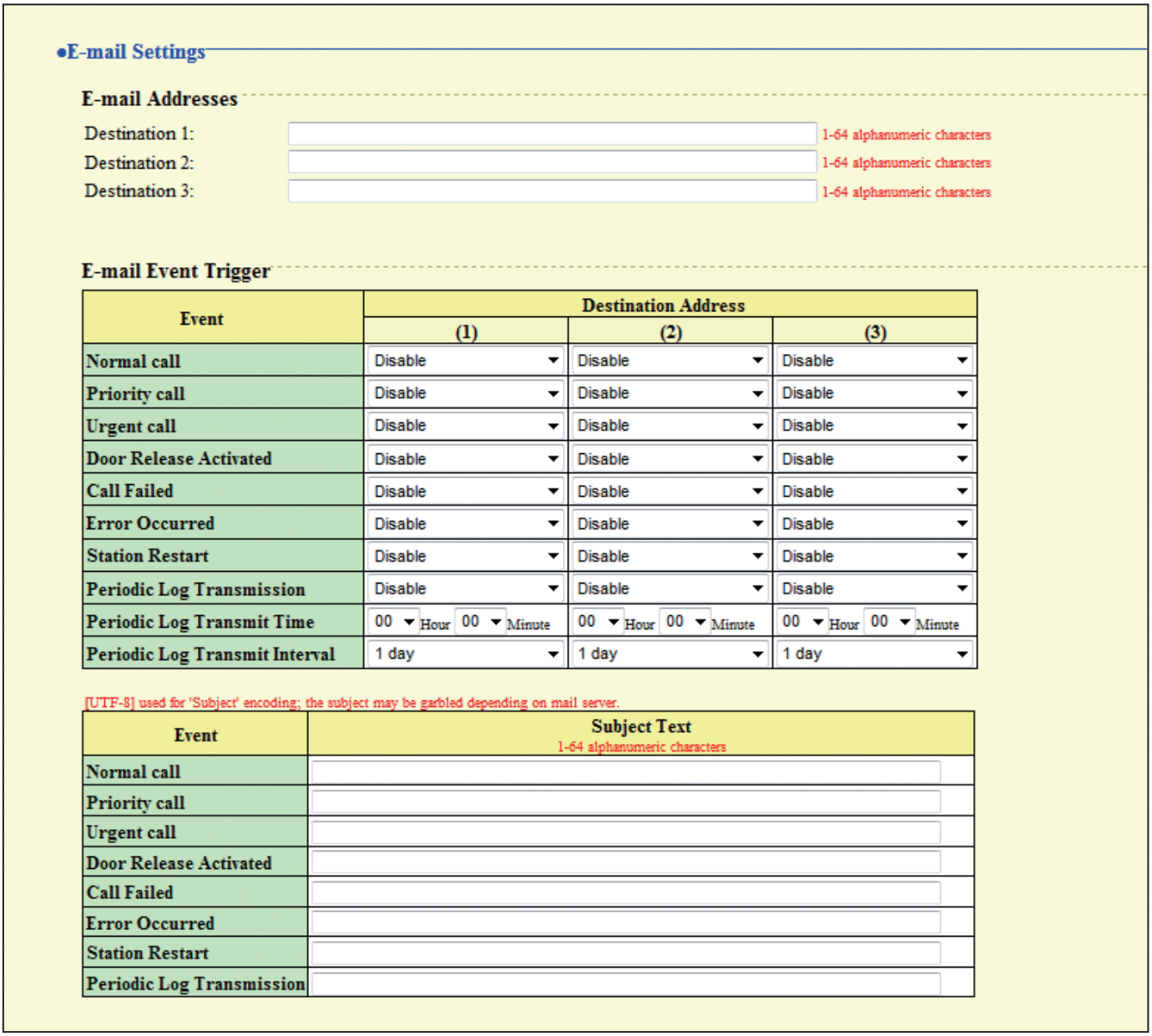


Entry	Description	Settings	Default values
Network Camera Event Tone	Select the event tone for the network cameras.	• Call pattern 1 • Call pattern 2 • Call pattern 3 • Call pattern 4 • Call pattern 5 • Call pattern 6 • Tremolo sound • Busy tone • On-hold tone • Operation sound • Error sound • Select from the sound source registered in “Custom Sound Registry” (→ page 70).	Call pattern 3
Event Tone Count [time(s)]	Set the event tone count for the network cameras.	• Infinite: Ringing continues until the event is terminated. • 1 to 20 times	1 time

E-mail Settings

Attention

The server must be set up to allow e-mail notifications to be sent.
If e-mail is not being received, contact network administrator to review the settings and confirm that e-mail is being sent.



•E-mail Settings

E-mail Addresses

Destination 1: 1-64 alphanumeric characters
Destination 2: 1-64 alphanumeric characters
Destination 3: 1-64 alphanumeric characters

E-mail Event Trigger

Event	Destination Address (1)	(2)	(3)
Normal call	Disable	Disable	Disable
Priority call	Disable	Disable	Disable
Urgent call	Disable	Disable	Disable
Door Release Activated	Disable	Disable	Disable
Call Failed	Disable	Disable	Disable
Error Occurred	Disable	Disable	Disable
Station Restart	Disable	Disable	Disable
Periodic Log Transmission	Disable	Disable	Disable
Periodic Log Transmit Time	00 Hour 00 Minute	00 Hour 00 Minute	00 Hour 00 Minute
Periodic Log Transmit Interval	1 day	1 day	1 day

[UTF-8] used for 'Subject' encoding; the subject may be garbled depending on mail server.

Event	Subject Text (1-64 alphanumeric characters)
Normal call	
Priority call	
Urgent call	
Door Release Activated	
Call Failed	
Error Occurred	
Station Restart	
Periodic Log Transmission	

■ E-mail Addresses

Entry	Description	Settings	Default values
Destination 1 to 3	Set the e-mail address.	1-64 alphanumeric characters	-

■ E-mail Event Trigger

Set which event triggers will send an e-mail message for each address.

Entry	Description	Settings	Default values
Normal call	An e-mail message will be sent when a normal call is made.	• Enable • Disable	Disable
Priority call	An e-mail message will be sent when a priority call is made.	• Enable • Disable	Disable
Urgent call	An e-mail message will be sent when an urgent call is made.	• Enable • Disable	Disable
Door Release Activated	An e-mail message will be sent when the door release is activated.	• Enable • Disable	Disable
Call Failed	An e-mail message will be sent when a call fails.	• Enable • Disable	Disable
Error Occurred	An e-mail message will be sent when a data communication error occurs.	• Enable • Disable	Disable
Station Restart	An e-mail message will be sent when the station is restarted.	• Enable • Disable	Disable
Periodic Log Transmission	Periodic Log will be sent via e-mail.	• Enable • Disable	Disable
Periodic Log Transmit Time	Set time of day to send the log via e-mail.	From 00:00 to 23:59	00:00
Periodic Log Transmit Interval	Set how often the log will be sent via e-mail.	Every 1-7 days	1 day

Configure the subject of the e-mail message for each e-mail event trigger.

Entry	Description	Settings	Default values
Subject Text	Set the subject text of e-mail message for each trigger.	1-64 alphanumeric characters	-

Attention

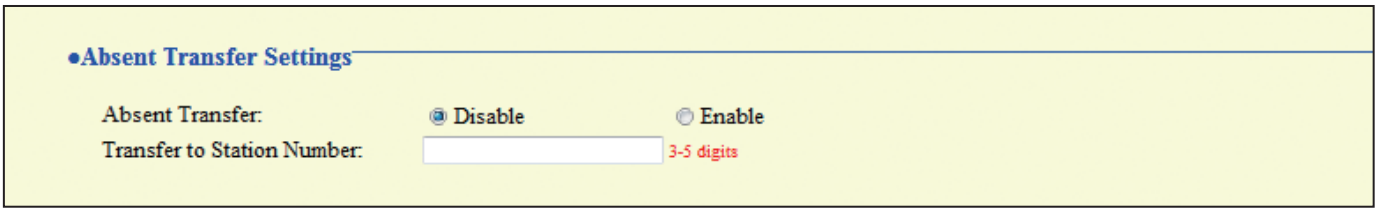
UTF-8 encoding is used for the “Subject Text.” Depending on the e-mail client, the characters may appear incorrectly.

Transfer Setting

Absent Transfer Settings

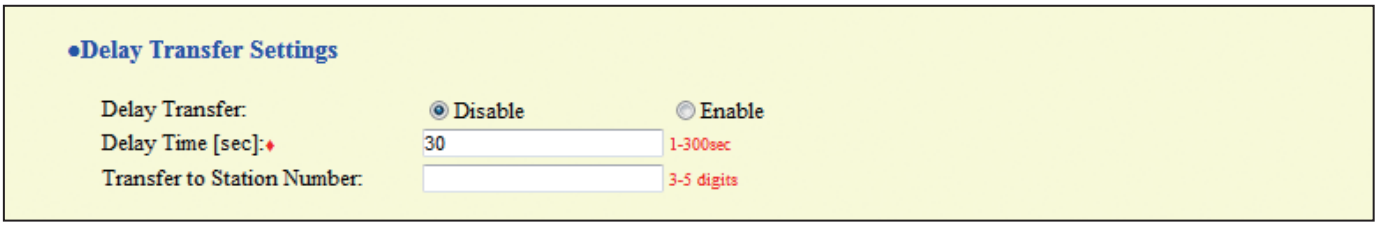
Attention

A door station can be assigned as a transfer destination, however, door station calls cannot be transferred to another door station.



Entry	Description	Settings	Default values
Absent Transfer	Enable absent transfer feature. "Transfer To Station Number" must be set before this setting can be applied. Absent transfer: A call can be automatically transferred to another station when absent.	• Disable: Absent transfer is disabled. • Enable: Absent transfer is enabled. When this feature is enabled, Transfer indicator stays on.	Disable
Transfer to Station Number	Set the transfer destination. For door stations, only an individual call from master station can be transferred. Other calls cannot be transferred, and the unit cannot receive a call.	3-5 digits	-

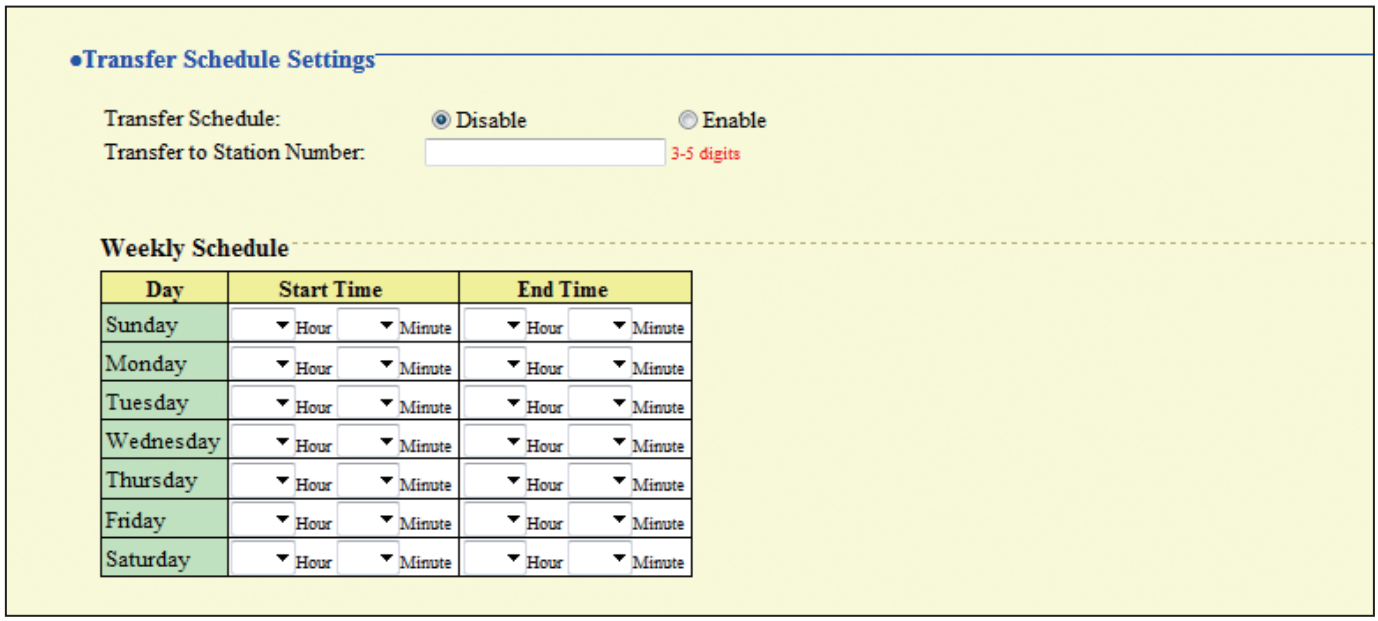
Delay Transfer Settings



♦This is a required setting.

Entry	Description	Settings	Default values
Delay Transfer	Enable delay transfer feature. "Transfer To Station Number" must be set before this setting can be applied. Delay Transfer: A call can be automatically transferred to another station after a certain period of time (delay time) elapses.	• Disable: Delay transfer is disabled. • Enable: Delay transfer is enabled. Transfer indicator remains off.	Disable
Delay Time [sec] ♦	Set the delay time for transferring a call when delay transfer is enabled.	1-300 sec (by 1 sec)	30 sec
Transfer to Station Number	Set the destination station (station number) for a delayed transfer. The "Transfer to Station Number" can be set to a door station, however only an individual master to master call can be transferred. Door station calls cannot be transferred to another door station.	3-5 digits	-

Transfer Schedule Settings



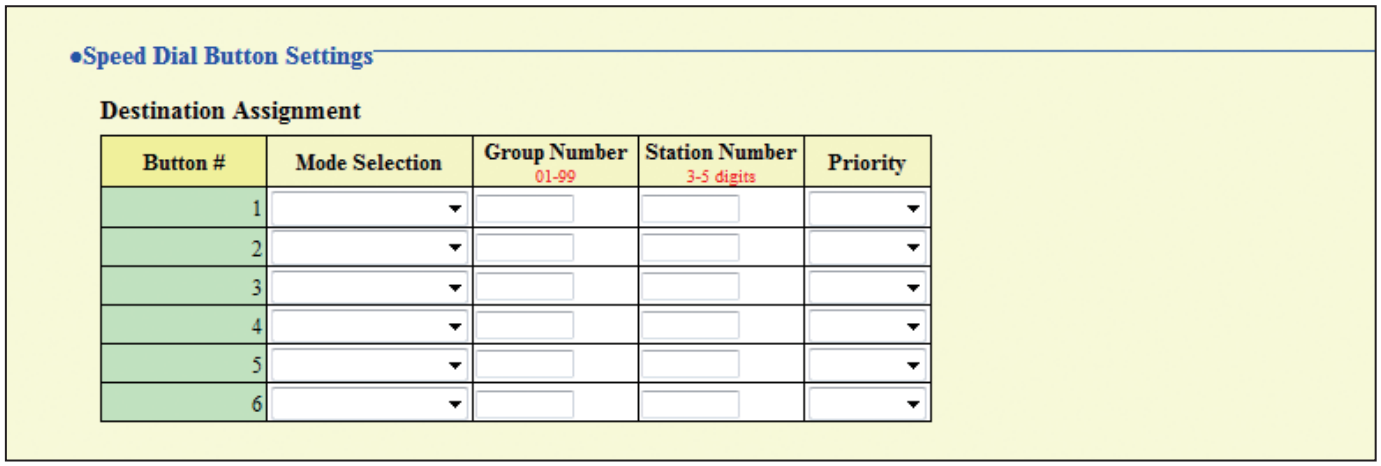
Entry	Description	Settings	Default values
Transfer Schedule	Enable transfer schedule feature. "Transfer To Station Number" must be set before this setting can be applied. Transfer Schedule: A call can be automatically transferred to another station when a call comes in during the time period set up in the weekly schedule.	• Disable: Transfer schedule feature is disabled. • Enable: Transfer schedule feature is enabled. Transfer indicator remains off.	Disable
Transfer to Station Number	Set the destination station (Station Number) for a scheduled transfer. The "Transfer to Station Number" can be set to a door station, however only an individual master to master call can be transferred. Door station calls cannot be transferred to another door station.	3-5 digits	-

■ Weekly Schedule

Entry	Description	Settings	Default values
From Sunday through Saturday	Set the schedule for transfer schedule feature. A call is transferred when placed during this time.	Each day of the week 00:00-23:59 *Depending on how the time is chosen, the time period may cover two days of the week. Example: Monday 22:00-8:00 This means the transferring is enabled for the time period between 22:00 Monday and 8:00 Tuesday.	-

Station Hardware Settings

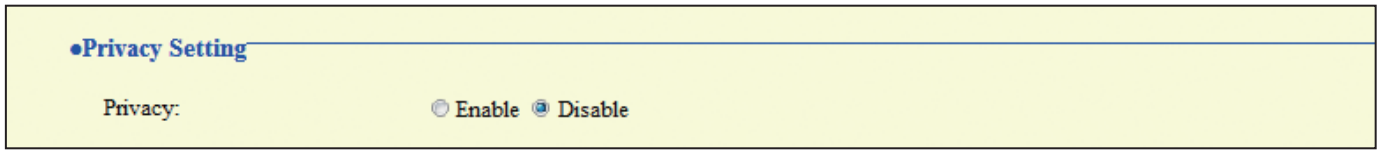
Speed Dial Button Settings



■ Destination Assignment

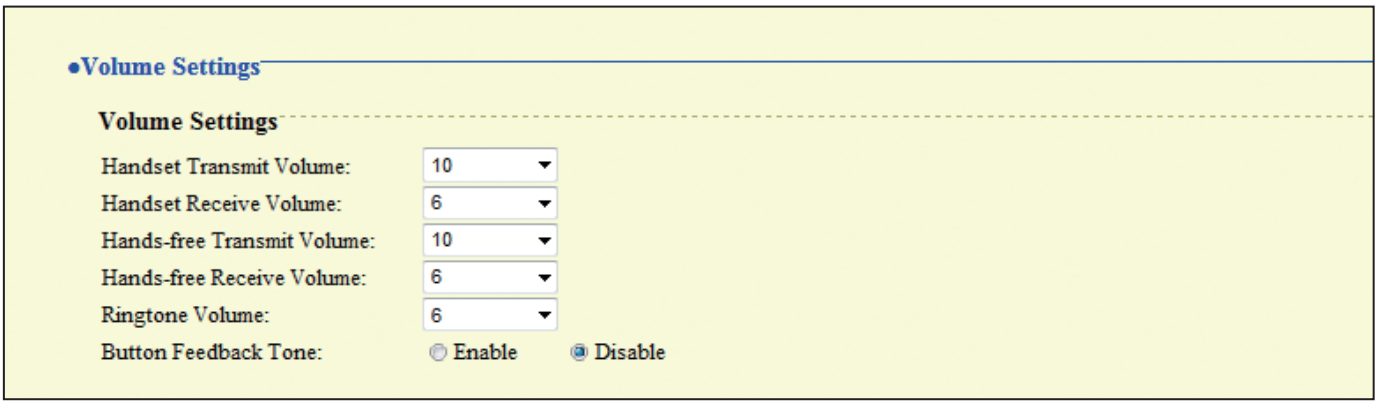
Entry	Description	Settings	Default values
Mode Selection	Select the calling mode to be assigned to speed dial buttons.	• Blank: Not used • Group Call • Individual Call • Group Page • All Page	Blank
Group Number	When selecting “Group Call” or “Group Page” in “Mode Selection,” a group number must be set.	01-99	-
Station Number	When selecting “Individual Call” in “Mode Selection,” a group number must be set.	3-5 digits	-
Priority	Select the priority to be assigned to each speed dial buttons.	• Normal • Priority (When selecting “Group Page” or “All Page” in “Mode Selection,” this option cannot be selected.) • Urgent	-

Privacy Setting



Entry	Description	Settings	Default values
Privacy	Enable Privacy. Activate by pressing “PRIVACY” button on Master Station. Privacy: This feature prevents an in-coming message from being heard when auto answer feature is enabled.	• Enable • Disable	Disable

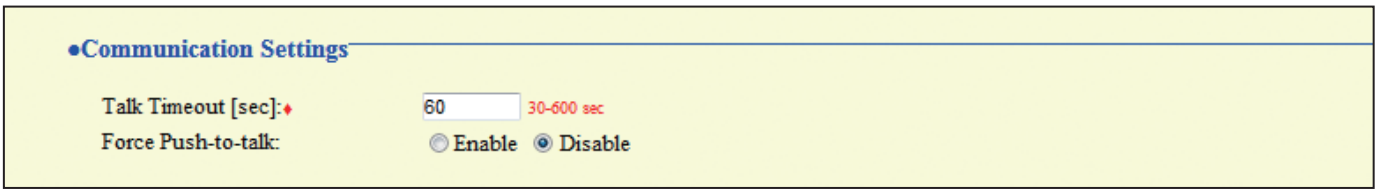
Volume Settings



■ Volume Settings

Entry	Description	Settings	Default values
Handset Transmit Volume	Set the transmit volume on the handset during communication or paging.	1-10	10
Handset Receive Volume	Set the receive volume on the handset during communication or paging.	1-10	6
Hands-free Transmit Volume	Set the hands-free transmit volume during communication.	1-10	10
Hands-free Receive Volume	Set the hands-free receive volume during communication or paging. The volume for ringback tone will be changed as well.	1-10	6
Ringtone volume	Set the tone volume (ringtone, pretone).	0: Mute, 1-10	6
Button Feedback Tone	Enable tone when a button is pressed.	• Enable • Disable	Disable

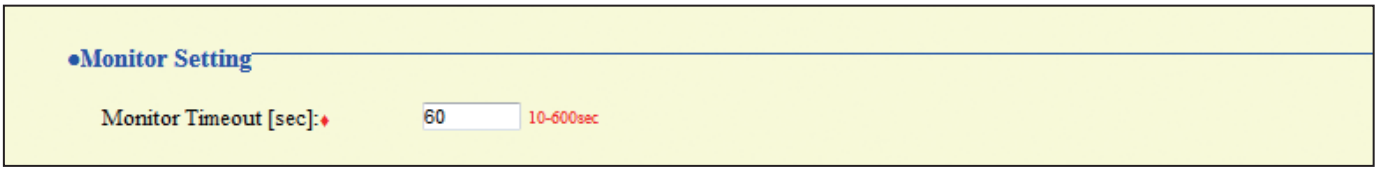
Communication Settings



♦This is a required setting.

Entry	Description	Settings	Default values
Talk Timeout [sec] ♦	Set the talk timeout.	30-600 sec (by 1 sec)	60 sec
Force Push-to-talk	Force push-to-talk.	• Enable • Disable	Disable

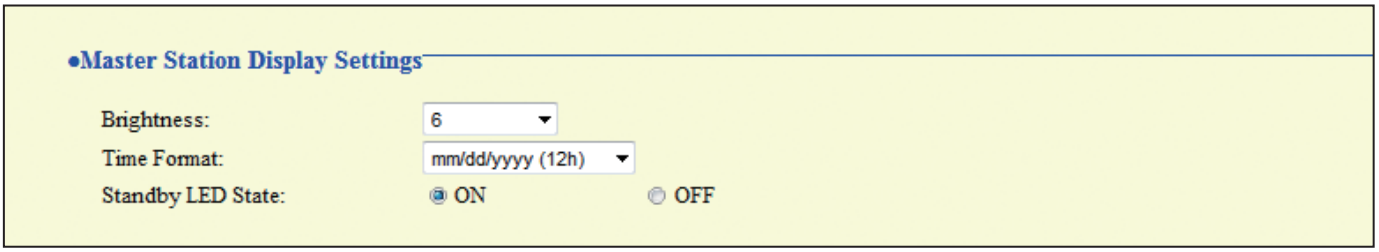
Monitor Setting



♦This is a required setting.

Entry	Description	Settings	Default values
Monitor Timeout [sec] ♦	Set the monitor timeout.	10-600 sec (by 1 sec)	60 sec

Master Station Display Settings



Entry	Description	Settings	Default values
Brightness	Set the brightness of the monitor.	1-10	6
Time Format	Select the time format for the display on the station.	• mm/dd/yyyy (12h) • mm/dd/yyyy (24h) • dd/mm/yyyy (12h) • dd/mm/yyyy (24h) • yyyy/mm/dd (12h) • yyyy/mm/dd (24h)	mm/dd/yyyy (12h)
Standby LED State	Set to keep the Status indicator on while the station is in standby.	• ON • OFF	ON

Specifications

Power	Power-over-Ethernet (IEEE 802.3af Class 0)
Consumption current	Standby 35mA, maximum 90mA
Communication	Hands-free / Push-to-talk Handset: Full-duplex / Push-to-talk
Monitor	3.5 in. TFT color LCD
LAN	Ethernet (10BASE-T, 100BASE-TX)
Audio codec	G.711
Video codec	H.264/AVC, Motion JPEG
Protocol	IPv4, IPv6, TCP, UDP, SIP, HTTP, HTTPS, RTSP, RTP, RTCP, IGMP, MLD, SMTP, FTP, DHCP, NTP, DNS
Number of stations in address book	500 stations
Operating temperature	0 °C to +40 °C (+32 °F to +104 °F)
Materials	Fire-retardant resin
Color	Hardware: flat black, Panel: dark gray metallic
Size (incl. handset)	H: 189 mm (7-1/2") , W: 250 mm (9-13/16") , D: 59 mm (2-5/16")
Mass	Approx. 850 g (1.87 lbs.) (when used with desk stand: approx. 1140 g (2.51 lbs.))

Maintenance

- Clean the unit gently with a soft, dry cloth. If difficult to clean, dip a soft cloth in neutral detergent diluted with water, wring it out well, and then clean unit.
- Use a soft, dry cloth, when wiping the monitor.

Attention

Do not use chemicals such as benzene or paint thinner. You may damage the surface of the device, or cause discoloration.

Technical Support

If problems occur during the use of the system, visit our website http://www.aiphone.net/.

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(5)this software is based in part on the work of the FreeType team.

(6)This product uses a bitmap font designed by RICOH Company, Ltd. in areas such as the menu display.

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FCC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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