



NEM Series

Lamp Memory Intercom System



Restaurants | Nursing Homes | Dealerships | Parking Garages

Features & Benefits

• Variety of stations

Mix and match up 40 door / sub stations, pull cords, and paging adaptors to create the desired communication solution

• Simple to use

Easily make and answer calls with simple and intuitive operation

• Lamp memory system

Avoid missed calls with the continuous call-tone and LED indicators, which remain on until a call is answered

• LED indicator lights

Know exactly which station to answer by the corresponding LED indicator light

• Selective, Group, and All Call

Push the selector buttons to call up to 10 individual stations or push the All Call button to call all stations at once

• PTT or handset communication

Choose master stations with push-to-talk communication or both push-to-talk and handset communication

• Paging and talkback

Use the system's ceiling speaker, with talkback capability, to page or broadcast a general message

• Versatile intercom solution

Provide communication to staff, residents, and/or visitors in these applications: restaurants, nursing homes, dealerships, parking garages, schools, dormitories, airports, bowling alleys, elevators, fire / police stations, prisons / jails, day care centers, sports facilities, and more!

• Reliable and designed to last

Install the system and have guaranteed trouble-free use for years to come!



Components - Mix and match up to 40 door / sub stations, pull cords, and paging adaptors

Door Stations



NE-DA
Audio Door Station

- Plastic cover
- Surface mount
- Fits 1-gang box
- 5-1/8" H
- 3-7/8" W
- 1-1/8" D



NE-SS-1G
Audio Door Station

- Stainless steel
- Flush mount
- Fits 1-gang box
- 4-1/2" H
- 2-3/4" W
- 2-1/2" D
- (back box depth)



NE-JA
Audio Door Station

- Stainless steel faceplate
- Flush mount
- Fits 2-gang box
- 4-1/2" H
- 4-9/16" W
- 2-1/2" D
- (back box depth)



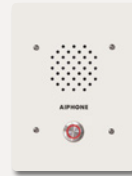
NE-SS/A
Audio Door Station

- Stainless steel
- Flush mount
- Fits 2-gang box
- 4-3/4" H
- 4-3/4" W
- 2-1/2" D
- (back box depth)



NE-SSR
Audio Door Station

- Red mushroom call button
- Stainless steel
- Flush mount
- Fits 2-gang box
- 4-3/4" H
- 4-3/4" W
- 2-1/2" D
- (back box depth)



NE-NVP/C
Audio Door Station

- Powder-coated steel
- Flush mount
- Fits 3-gang box
- 7-1/2" H
- 5-1/2" W
- 2-1/2" D
- (back box depth)



NE-NVP-RA
ADA Compliant Audio Door Station

- Braille signage
- Call status indicators
- Red mushroom call button
- Powder-coated steel
- Flush mount
- Fits 3-gang box
- 7-1/2" H
- 5-1/2" W
- 2-1/2" D
- (back box depth)

Sub Stations



NB-L
Ceiling Speaker Sub Station

- Call-in LED
- Hands-free reply
- Indoor use
- Flush mount
- 7-1/16" Diameter
- 2-7/16" Depth



NA-NE
Audio Sub Station

- Aluminum
- Flush mount
- 8-11/16" H
- 6-5/16" W
- 2-1/2" D
- (back box depth)



NA-A
Audio Sub Station

- Wall or desk mount
- 6-5/8" H
- 5-9/16" W
- 2-15/16" D



NA-AN
Privacy Audio Sub Station

- Privacy button
- Wall or desk mount
- 6-5/8" H
- 5-9/16" W
- 2-15/16" D



NA-T/A
Handset Audio Sub Station

- Handset for privacy
- Wall mount
- 9-1/8" H
- 3-11/16" W
- 4-1/8" D

Pull Cord



NBR-7AS
Bathroom Pull Cord

(requires an external amplifier)

- Can be used as an independent call station or in conjunction with another sub station (counts toward total capacity of 40 door / sub stations when used independently)
- Moisture resistant
- 4-1/2" H
- 2-3/4" W
- 2-1/2" D (back box depth)

Paging Adaptor



BA-1
Paging Adaptor

- 4-1/8" H
- 2-1/2" W
- 1-1/2" D

Additional Options - Select 1 per sub station (does not count toward total capacity of 40 door / sub stations)



NBR-8A
Bedside Call Button

(requires NBY-1A)



NBY-1A
Plug-In Wall Jack

- (required for NBR-8A)
- 4-3/4" H
 - 2-3/4" W
 - 2-1/2" D
 - (back box depth)



NAR-2A
Call Reset Button

- 4-1/2" H
- 2-3/4" W
- 2-1/2" D
- (back box depth)



NAR-6A
Call Button

- 4-1/2" H
- 2-3/4" W
- 2-1/2" D
- (back box depth)



NBY-4A
Corridor Call Light

- 4-3/4" H
- 2-3/4" W
- 2-1/2" D
- (back box depth)

Components - Mix and match up to 2 master stations

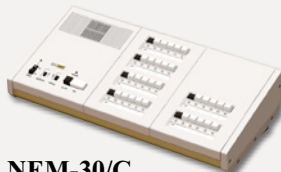
Master Stations - All master stations have Selective Call, Group Call, All Call, and volume controls. The NEM-*n*A/C models have a handset for privacy.



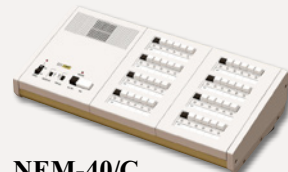
NEM-10/C
10-Call Audio Master Station
10-1/4" H 13-5/8" W 5-1/2" D



NEM-20/C
20-Call Audio Master Station
10-1/4" H 13-5/8" W 5-1/2" D



NEM-30/C
30-Call Audio Master Station
10-1/4" H 19-1/2" W 5-1/2" D



NEM-40/C
40-Call Audio Master Station
10-1/4" H 19-1/2" W 5-1/2" D



NEM-10A/C
10-Call Handset
Audio Master Station
10-1/4" H 17-9/16" W 6-15/16" D



NEM-20A/C
20-Call Handset
Audio Master Station
10-1/4" H 17-9/16" W 6-15/16" D



NEM-30A/C
30-Call Handset
Audio Master Station
10-1/4" H 23-7/16" W 6-15/16" D



NEM-40A/C
40-Call Handset
Audio Master Station
10-1/4" H 23-7/16" W 6-15/16" D

Power Supply



PS-2420UL
24V DC, 2A
Power Supply

Accessories



HID-SS
Card Access
Station with
HID® ProxPoint®
Plus Proximity
Card Reader
(requires a 3rd party host)



ICP-BR
Brass
Faceplate
for NE-JA



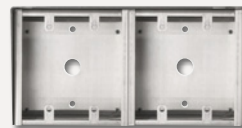
ICP-AB
Antique
Brass
Faceplate
for NE-JA



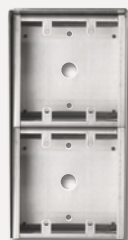
SBX-1G
Surface
Mount
Box
for NE-SS-1G



SBX-2G
Surface Mount
Box for NE-JA,
NE-SS/A, or
NE-SSR



SBX-2BH
Horizontal Surface
Mount Box for
HID-SS and one
NE-JA, NE-SS/A,
or NE-SSR



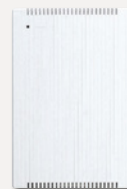
SBX-2BV
Vertical Surface
Mount Box for
HID-SS and one
NE-JA, NE-SS/A,
or NE-SSR



SBX-NVP
Surface Mount
Box for NE-NVP/C
and NE-NVP-RA



NBX-2
Surface
Mount Box
for NA-NE



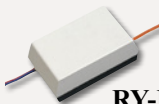
NEW-5
Dual Master Call Adaptor
(when installing two master
stations, 1 adaptor is needed
per 5 shared door/sub stations -
requires PS-1225UL)



PS-1225UL
12V DC
Power Supply
(required
for NEW-5)



IER-2
Call
Extension
Speaker



RY-ES
External
Signaling
Relay



NB-U
Background
Music Adaptor
(requires an external
amplifier and
cannot be used in a
dual-master system)

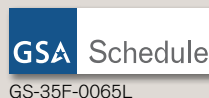
Specifications

Power Source	24V DC - use PS-2420UL	Consumption	Max. 45W, standby 7.5W (NEM-40A/C)
Output	Max. 500mW at master (with receive volume), max. 500mW at sub (with transmit volume at master)		
All Call Output	Max. 6W (for 20-sub system), max. 12W (for a system with more than 20 subs), max. 3W per 10 subs (Group Call)		
Communication	Handset (VOX) or push-to-talk (simplex)	Calling	Tone and LED indicators at master (both remain on until answered), pretone at sub
Wire Type	Doors/Subs to Masters: 2 conductor, overall shield - use Aiphone wire #822202 or #821802		
Wiring Distance	Doors/Subs to Masters: 420' (22AWG), 1,000' (18AWG) NE-JA to Master: 360' (22AWG), 880' (18AWG)		

LOCAL AIPHONE EXPERTS ARE HERE TO HELP.
CONTACT US TODAY!



NEM Series
Brochure
11 / 2013



ISO-14001 Certified



Aiphone Co. Ltd.

ISO 9001:2008 Certified



Aiphone Corp.

Deming Prize



Aiphone Co. Ltd.