



GFW-LD

Audio Trunk Line Expander

Background of its development

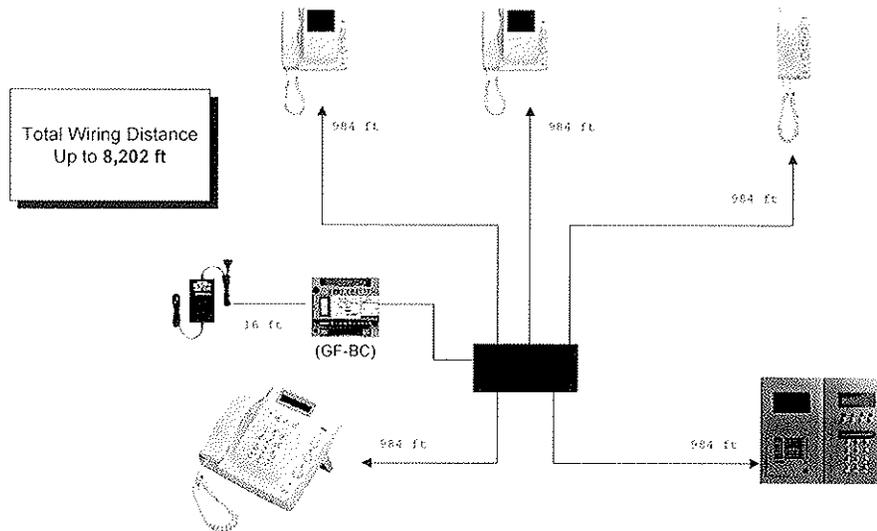
Up to now, GF system has been well recognized by markets of many countries and showing good penetration. We are glad to hear reputation for this product and praise from many representative and distributors. We would like to tell you our appreciation having this opportunity.

Due to the good market penetration, we often heard a certain requirement which is about the total wiring distance. Though video line has more allowance by using GFW-VBC, audio line could not comply with it, and so you might have struggled.

GFW-LD has been developed to meet the requirement. We believe this equipment will solve wiring problems and contribute to your sales even more.

Standard wiring example of R1, R2

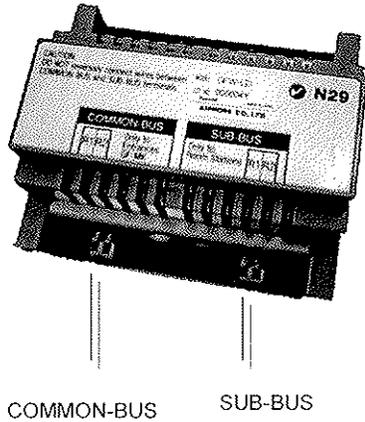
*Video line is omitted.



Audio Line Distance Review

	Diameter of wires		
	22-awg	20-awg	18-awg
GF-BC to Junction Point	-	16 ft	-
Junction Point to Entrance Station	-	984 ft	-
Junction Point to the farthest room station	-	984 ft	-
GF-BC to each Power Supply	-	16 ft	16 ft
GF-NS/A to each Power Supply	-	984 ft	984 ft
MAW-B to Entrance Station	-	984 ft	-
Total Wiring Distance	-	8,202 ft	-

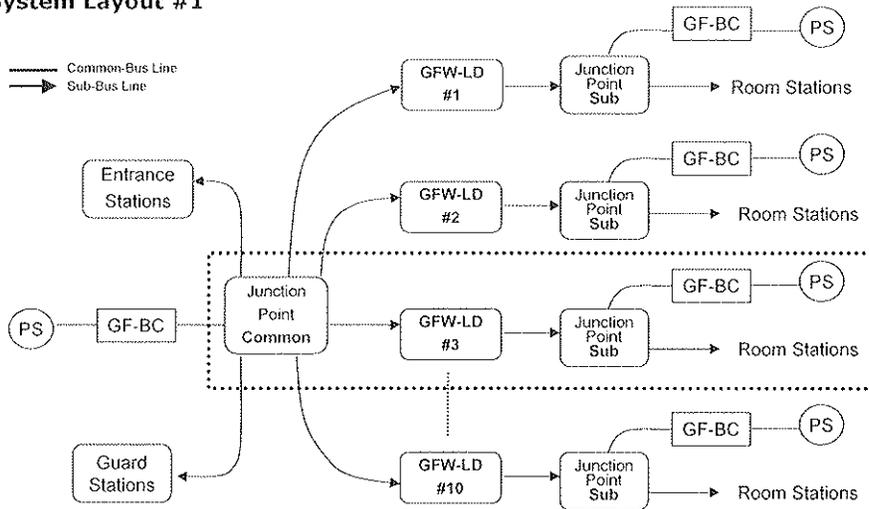
Appearance & Features & Specifications



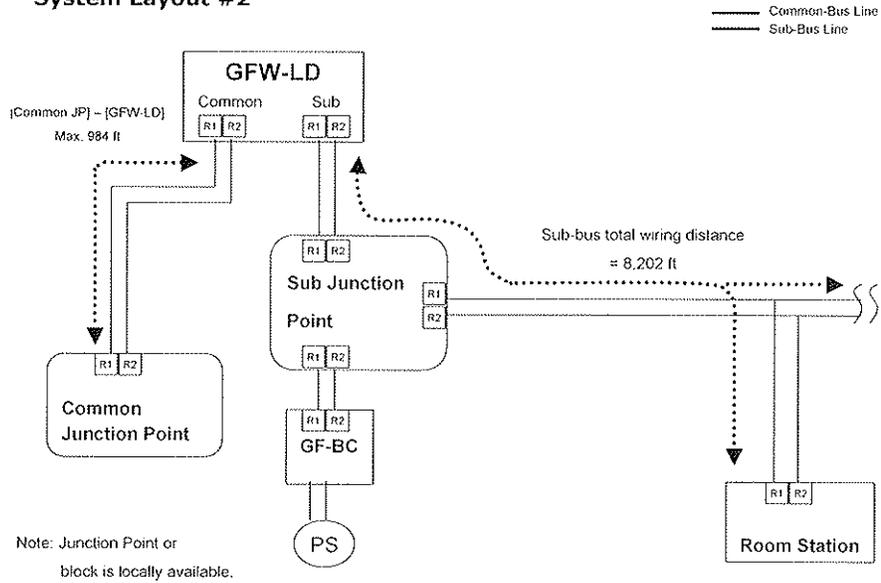
- Common-Bus Total Wiring Distance = 6,562 ft
- Sub-Bus Total Wiring Distance / Trunk = 8,202 ft
- Max. # of Adapter = 10pcs

Current Consumption: Common-Bus = 24mA max.
 Sub-Bus = 32mA max.
 Boxed Weight: .48 (lbs)
 Boxed Size: 4 15/16 X 5 1/8 X 2 13/16 (inch)

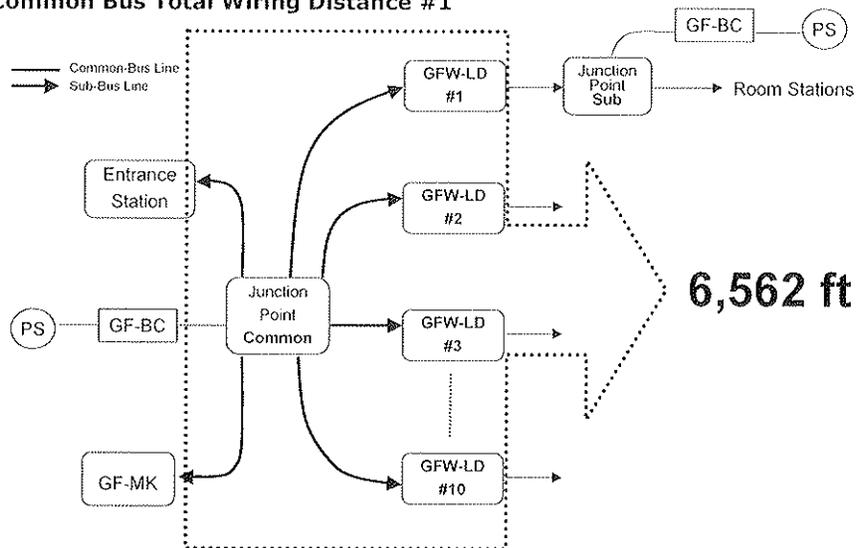
System Layout #1



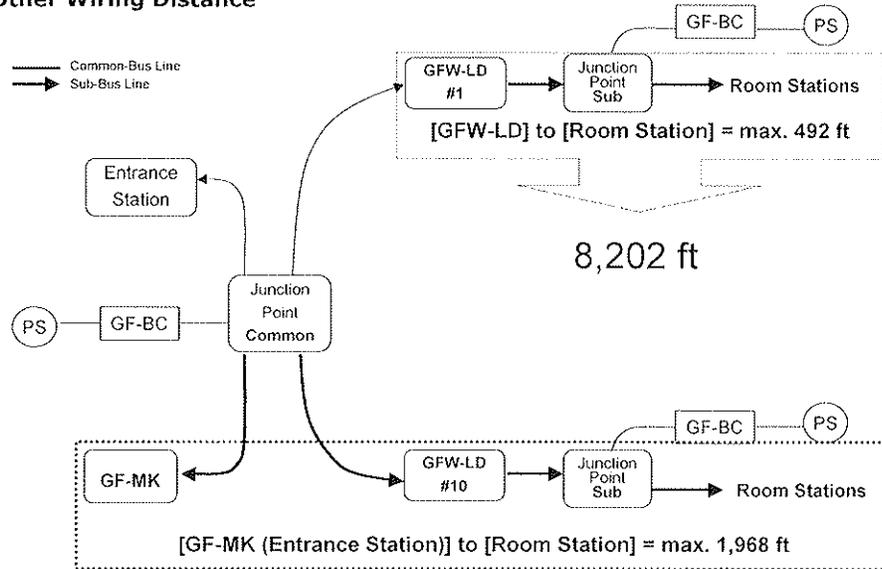
System Layout #2



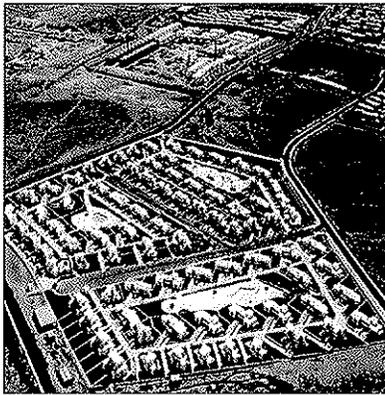
Common Bus Total Wiring Distance #1



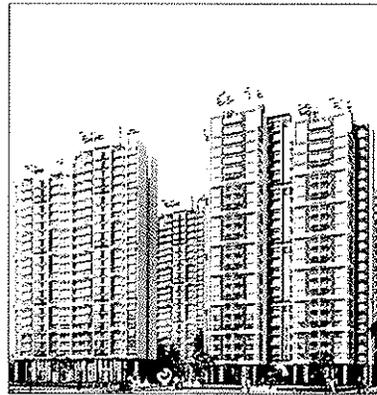
Other Wiring Distance



Applications

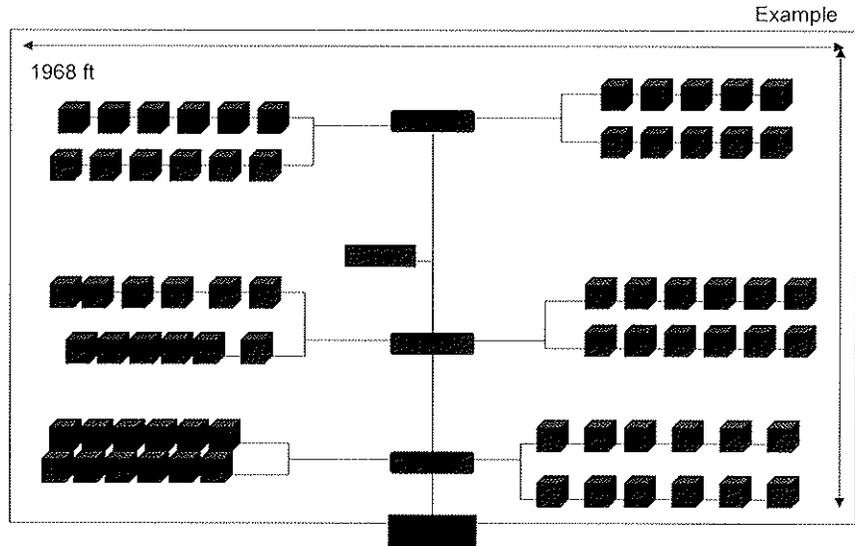


Compound type



Condominium type

Wiring Image for Compound type

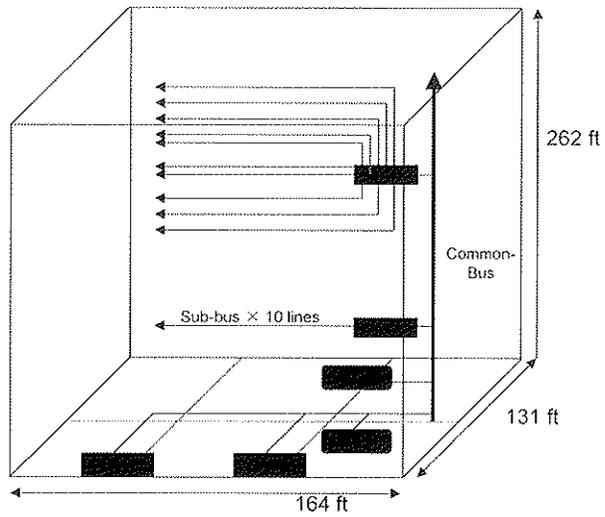


Wiring Image for Condominium type

Example:

- 20F
- 6 rooms / F

If 394 ft of wire is needed for a floor, it may reach more than 8202 ft which is the limit.



Important Note:

- Each GFW-LD requires 1pce of power supply (PS-2410).
- GFW-LD must be installed for each all trunk line.
- Do not connect wires between Common-Bus and Sub-Bus terminals the other way around.
- Communication method will be voice switching from simultaneous.
- Polyethylene wire must be used to secure the maximum distance.

**We are committed
to a mutual prosperity.**

