

System components

Front frame & back box

GF-2F(3F)
2/3-module front frame
- Mounting bracket
- Hardware
- Weather stripping (for reinforcement)

GF-2B(3B)

GF-nH Rain hood
GF-nHB Hooded surface mount box
- Available for either 2 or 3-module panels in horizontal or vertical configurations.

GF-C 2'-7-1/2" connecting wire

Entrance station

Audio Module
< Audio >
GF-DA Audio module
- Connector
GF-DP

Camera Module
< Video >
GF-VA Camera module
- Connector
GF-VP

Call switch Module

< Direct select >
GF-1P~4P 1~4-call button panel

GF-SW Call switch module
- Directory card (plate & paper)

< Digital name scrolling module >
GF-NSP Digital name scroll module
- OPERATION MANUAL
GF-10K Digital keypad module
GF-10K

OPTION

GF-BP Blank panel
GF-AP Address panel
GF-AD Address module
- Directory card (plate & paper)
- Connector

Tenant station

Tenant stations
GF-1DK w/panic call
GF-1D w/o panic call
- Packet of screws
- OPERATION MANUAL

Tenant video monitor station
GF-1MDK w/panic call
GF-1MD
- Hardware
- OPERATION MANUAL

DOORBELL BUTTON (option)

Concierge

GF-MK utilizing GFW-S
- Hardware
- OPERATION MANUAL
- See page 4 for compatible components

GFW-S Desktop stand

Control units

GF-BC Two-wire Bus control unit
- INSTALLATION MANUAL
- Special screwdriver

GF-VBC Video control unit

GF-4Z 4-way bus junction unit

GFW-VBC Expanded Video control unit use w/ GF-VBC/A

Power supply

PS-2410LC (AC 120V) Power supply

MAW-B Relay for entrance light (option)

W-DIN11 Mounting rail for GF-BC, VBC & 4Z (option)

Audio system < Entrance station >

	2-CALL	3-CALL	4-CALL	6-CALL
Audio section	GF-DA GF-DP	GF-DA GF-DP	GF-DA GF-DP	GF-DA GF-DP
Call switch section	GF-SW GF-2P	GF-SW GF-3P	GF-SW GF-4P	GF-SWx2 GF-2P, GF-4P
Front frame & Back box	GF-2F GF-2B	GF-2F GF-2B	GF-2F GF-2B	GF-3F GF-3B
Option				

	8-CALL	10-CALL	30-CALL	Digital name scrolling system
Audio section	GF-DA GF-DP	GF-DA GF-DP	GF-DA GF-DP	GF-DA GF-DP
Call switch section	GF-SWx2 GF-4Px2	GF-SWx3 GF-4Px2, GF-2P	GF-SWx8 GF-4Px7, GF-2P	GF-NS, GF-NSP GF-10K, GF-10KP
Front frame & Back box	GF-3F GF-3B	GF-2Fx2 GF-2Bx2	GF-3Fx3 GF-3Bx3	GF-3F GF-3B
Option				GF-AD, GF-AP GF-BP

Video system < Entrance station >

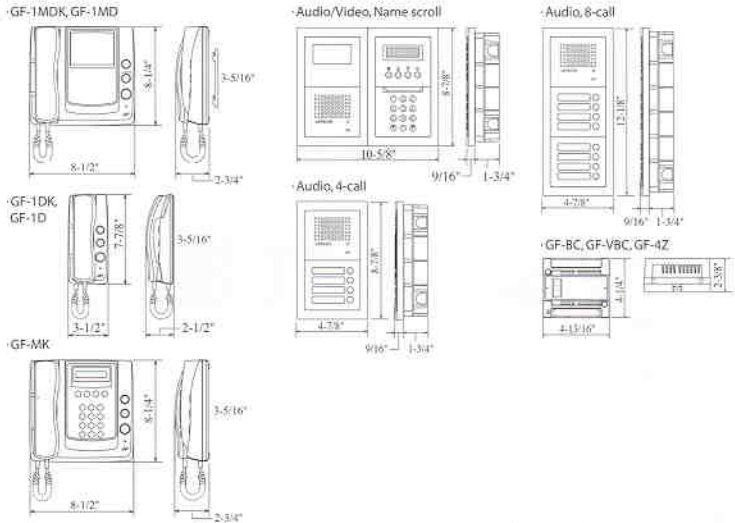
	2-CALL	3-CALL	4-CALL	6-CALL
Audio/ Camera section	GF-VA, GF-VP GF-DA, GF-DP	GF-VA, GF-VP GF-DA, GF-DP	GF-VA, GF-VP GF-DA, GF-DP	GF-VA, GF-VP GF-DA, GF-DP
Call switch section	GF-SW GF-2P	GF-SW GF-3P	GF-SW GF-4P	GF-SWx2 GF-2P, GF-4P
Front frame & Back box	GF-3F GF-3B	GF-3F GF-3B	GF-3F GF-3B	GF-2Fx2 GF-2Bx2
Option				

	8-CALL	10-CALL	30-CALL	Digital name scrolling system
Audio/ Camera section	GF-VA, GF-VP GF-DA, GF-DP	GF-VA, GF-VP GF-DA, GF-DP	GF-VA, GF-VP GF-DA, GF-DP	GF-VA, GF-VP GF-DA, GF-DP
Call switch section	GF-SWx2 GF-4Px2	GF-SWx3 GF-4Px2, GF-2P	GF-SWx8 GF-4Px7, GF-2P	GF-NS, GF-NSP GF-10K, GF-10KP
Front frame & Back box	GF-2Fx2 GF-2Bx2	GF-3Fx2 GF-3Bx2	GF-3Fx4 GF-3Bx4	GF-2Fx2 GF-2Bx2
Option		GF-AD, GF-AP GF-BP		

■ CAPACITY

• Total station:	250 tenant stations
• Total monitor station:	150 GF-1MDK's, 250 GF-1MDK's w/GFW-VBC, Expander video control units
• Entrance station:	5 (audio or video)
• Per tenant:	2 stations (GF-1MDK and/or GF-1DK)
• Max. station per trunk line:	50 GF-1DK's, 25 GF-1MDK's, (i.e. via 6 GF-4Z's or monitor-to-monitor wiring).
• Video trunk line:	6 (Video) from GF-VBC.
• Audio trunk line:	Any number (Audio) from distribution point.
• Max. Entrance station per trunk line:	Max. 3 Entrance stations (Audio)
• Call button:	100-call, i.e. 25 pcs GF-SW.
• Concierge station:	Max. 2 stations.

■ DIMENSIONS



■ SPECIFICATIONS

- Power source** : DC 24V (each GF-BC, GF-VBC & GF-NS), supplied by a power supply PS-2410LC.
- Current consumption** : GF-BC : 0.9A, GF-VBC : 1.1A, GF-NS : 0.07A.
- Call-in tone** : Two types of call tones, one from entrance station, the other from doorbell button, distinguishable.
- Talk path** : Single channel, non-open.
- Communication** : Simultaneous with handset (no calling or communication between apartment stations).
- Door release terminals** : EL, EL rated less than 4A (resistance load), AC/DC 24V, for dry closure contact for door release.
- Wiring** : Two single-pair cables common.
- Type of Cable** : 2-conductor cable solid copper & non-braided, polyethylene insulation, 0.65mm dia.~ 1.0mm dia.

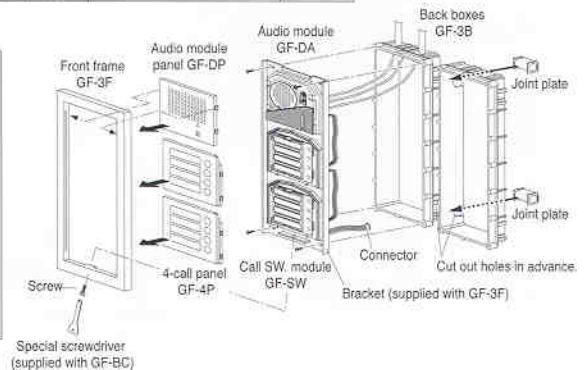
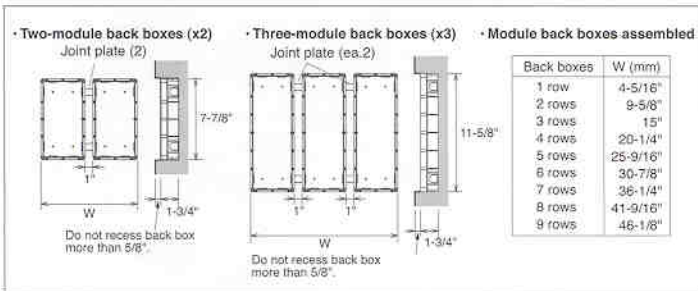
Wiring distance

Diameter of wires	22AWG	20AWG	18AWG
• GF-BC to Distribution point	-	16'	-
• Distrib. point to Entrance station	-	980'	-
• Distrib. point to GF-1DK (farthest)	-	980'	-
• GF-VBC to farthest GF-1MDK 1 per unit	330'	500'	-
• GF-VBC to farthest GF-1MDK 2 per unit	165'	330'	500'
• GF-VBC to Entrance station (GF-VA, Video)	165'	330'	-
• GF-BC/VBC to ea. Power supply	-	16'	16'
• GF-NS to Power supply	-	980'	980'
• MAW-B to Entrance station	-	980'	-
• Total wiring distance (R1, R2)	-	1.5miles	-

Dimensions & weight

Models	H x W x D (mm)	Weight (approx.)
• GF-1MDK	8-1/4" x 8-1/2" x 2-3/4"	2.65 lbs.
• GF-1DK	7-7/8" x 3-1/2" x 2-1/2"	0.82 lbs.
• GF-MK	8-1/4" x 8-1/2" x 2-3/4"	1.98 lbs.
• GF-BC	4-1/4" x 4-13/16" x 2-3/8"	1 lb.
• GF-VBC	4-1/4" x 4-13/16" x 2-3/8"	0.57 lbs.
• GF-4Z	4-1/4" x 4-13/16" x 2-3/8"	0.42 lbs.
Entrance station		
• 2-module, 2-row panel	8-7/8" x 10-5/8" x 9/16"	-
• 3-module, 1-row panel	12-1/8" x 4-7/8" x 9/16"	-

BACK BOX DIMENSIONS



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