



ADA Door Bell Signals

GFC-ADA-ADB-KIT

Includes door bell, 24VDC power supply, horn w/amber strobe

GFC-ADA-GDB-KIT

Includes door bell, 24VDC power supply, horn w/green strobe

GFC-ADA-BDB-KIT

Includes door bell, 24VDC power supply, horn w/blue strobe

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Description

The Global Fire Control GFC-ADA-KIT is a 24 volt DC doorbell annunciator system designed for Apartments or Hotel Rooms and other areas designed to assist those with audible, visual, or physical impairments. The kit consists of one combination audible and visual signal, one power supply and one single gang push button plate which provide call activation when installed.

A typical notification device in the kit comes with a combination horn/strobe on a white plate. The lens color is typically amber (yellow) unless specified. Signals can also be ordered with red, blue, or green lenses. If needed, a standalone strobe with no audible sound can be order individually along with additional combination audible and visual units.

The switching power supply can power up to 5 amber horn/strobes with a 75 candela strobe setting. The power supply is rated for 1.1Amp at 24VDC, but you should always use a 80% rule when sizing the power consumption needs, which means don't account for more than .88A. Also use the power consumption figures on page 2 to for the individual signals.

Each visual appliance strobe strength can be field adjusted to obtain a brighter flash. Normal visual setting from the factory for the strobe is 15 candela, but also has field adjustments to 30, 60, 75 and 110 candela. The horn signal has switch selection for low or high db output, tone: chime – slow whoop – mechanical – 2400Hz tone, continuous or temporal 3.

The notification mounting bracket is universal mounting to single gang, double gang, 4 square, and many more boxes. Unit Dimensions: 5" (12.7 cm) high x 4.5" (11.43 cm) wide x 2.5" (6.35 cm) deep.

Features

- Notification appliances are UL listed and CSFM Approved
- ANSI/UL1638 and ANSI/UL464 listed
- 3 year warranty from date of ship



GF-ADA-ADB-KIT

- 24VDC power supply rated for 1.1A, 88-264VAC input
- The power supply comes with it's own enclosure
- The power supply operating temperature range is -20~+70°C
- The door bell is mounted on a single gang SS plate with flying leads on the back
- Tamperproof field selectable candela options of 15, 30, 60, 75, and 110
- Lens colors available: amber, blue, green and red
- Input terminals accept 12 to 18 AWG
- Nominal voltage 24VDC
- Tamperproof re-entrant grill
- Unit Dimensions: 5" (12.7 cm) high x 4.5" (11.43 cm) wide x 2.5" (6.35 cm) deep
- Switch selection for high or low dBA
- Switch for chime, whoop, mechanical and 2400Hz tone
- Switch for continuous or temporal 3 (not available on whoop tone)
- Surface mount with the GSB-W
- Min. flash rate of 1Hz regardless of input voltage
- CSFM: 7135-0569:135 (Horn/Strobes)
- CSFM: 7135-0569:136 (Strobes)
- Product compliance with NFPA 72, IBC/IFC/IRC
- Kit manufactured & assembled by Global Fire Control, Inc.
- Signals manufactured by Gentex

PRODUCT SPECIFICATIONS

ORDERING MODEL NUMBER

GFC-ADA-ADB-KIT, ADA door bell kit includes door bell plate, power supply, white horn w/amber strobe

GFC-ADA-BDB-KIT, ADA door bell kit includes door bell plate, power supply, white horn w/blue strobe

GFC-ADA-GDB-KIT, ADA door bell kit includes door bell plate, power supply, white horn w/green strobe

GFC-ADA-RDB-KIT, ADA door bell kit includes door bell plate, power supply, white horn w/red strobe

ADDITIONAL ITEMS:

GFC-RS-25-24	Power Supply, 1.1A @ 24VDC, 88 to 264VAC input
YM9453	ADA Door bell push button on a single gang SS plate
GFC-GESA24PWW	Amber strobe, wall mounting with white plate
GFC-GESB24PWW	Blue strobe, wall mounting with white plate
GFC-GESG24PWW	Green strobe, wall mounting with white plate
GFC-GESR24PWW	Red strobe, wall mounting with white plate
GFC-GECA24PWW	White Horn with amber strobe, wall mounting
GFC-GECB24PWW	White Horn with blue strobe, wall mounting
GFC-GECG24PWW	White Horn with green strobe, wall mounting
GFC-GECR24PWW	White Horn with red strobe, wall mounting
GSB-W	Surface Mount white back box for GEC & GES Signals

TECHNICAL SPECIFICATIONS GES(A/B/G/R)24PWW

GE3 Amber Lens	Strobe Current Ratings	GE3 Blue, Green and Red Lens	Strobe Current Ratings
Candela 15cd = 47mA	Candela 30cd = 64mA	Candela 15cd = 105mA	Candela 30cd = 130mA
Candela 60cd = 113mA	Candela 75cd = 145mA	Candela 60cd = 203mA	Candela 75cd = 243mA
Candela 110cd = 178mA	Operating voltage: 12-28 VDC, Detector weight: 1.4 lbs. each	Candela 110cd = 310mA	

GEC(A/B/G/R)24PWW

GE3 Amber Lens	Combination Chime/Strobe Current ratings	GE3 Blue, Green and Red Lens	Combination Chime/Strobe Current Ratings
Candela 15cd = 62mA	Candela 30cd = 79mA	Candela 15cd = 120mA	Candela 30cd = 145mA
Candela 60cd = 128mA	Candela 75cd = 160mA	Candela 60cd = 218mA	Candela 75cd = 258mA
Candela 110cd = 193mA		Candela 110cd = 325mA	

NOTE: Above calculations were comprised by using the chime tone option which is the most common

Horn with Temporal 3 2400Hz = 28mA
Horn with Temporal 3 Mechanical = 25mA
Horn with Temporal 3 Chime = 15mA
Horn with Continuous 2400Hz = 28mA
Horn with Continuous Mechanical = 25mA
Horn with Continuous Chime = 15mA
Slow Whoop tone = 56mA
Operating voltage: 12-28 VDC
Kit weight: 3.4 lbs. each
One kit per box, 6" x 6" x 6"

Specifications and wiring information are provided for information only and are believed to be accurate. Global Fire Control assumes no responsibility for their use. Data and design are subject to change without notice. Installations and wiring instructions are shipped with the products and should always be used for actual installation. For more information, Contact your Sales Representative.



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