

EBP-405A

Door Announcer System

Description

The EBP-405A is an innovative infrared announcer system designed to provide you with a reliable and pleasant announcement of customers entering and exiting your business establishment. The complete kit provides for a quick and easy installation.

A single red LED is provided for fast and easy alignment. A pleasant chime welcomes your customers and warns you of the presence of incoming visitors. The single detection technology utilized on the design eliminates the need for wiring a separate transmitter by using a reflector.

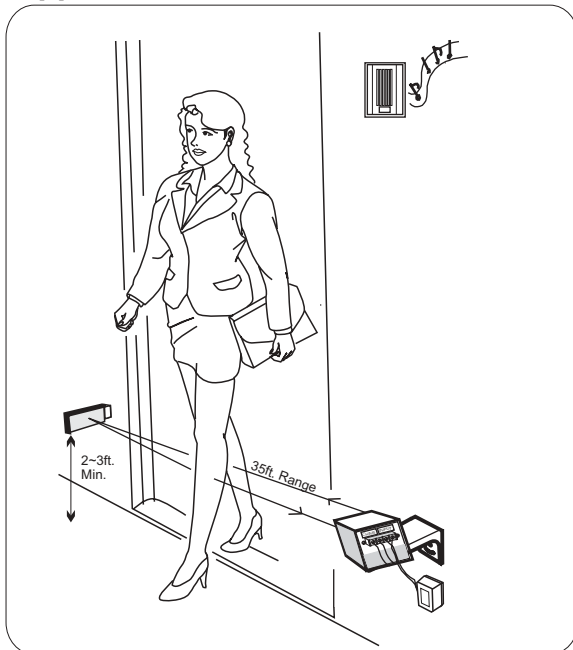
The EBP-405A infrared receiver is virtually unaffected by room light, indirect sunlight, or other bright light sources. White clothing is also accurately detected by the infrared sensor, where other less sophisticated announcers have reflection problems.

Another helpful feature is the 2-chime capability. It allows the user to install chimes in two different areas on the premises, important in securing one employee businesses.

Features

- 35ft. detection range across doorway.
- Pleasant Entry/Exit chime sound.
- Low power consumption.
- Two chimes capability (CM-3A).

Application



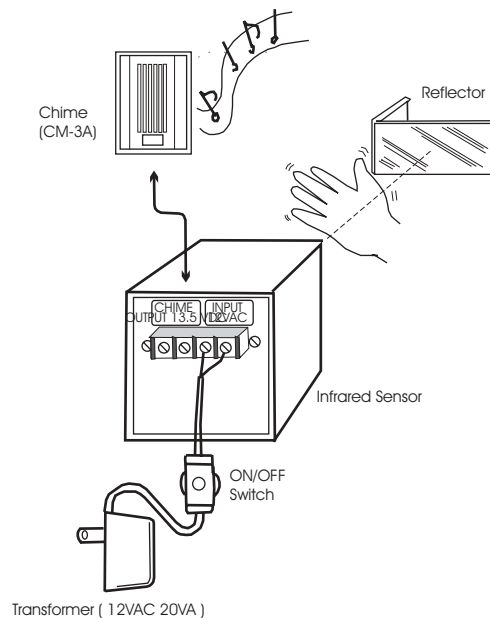
Ideal for strip malls, office buildings, liquor stores, large retail establishments, warehouses, parking structures, donut shops, medical offices, drive-thru fast food restaurants or just to monitor In and Out traffic.



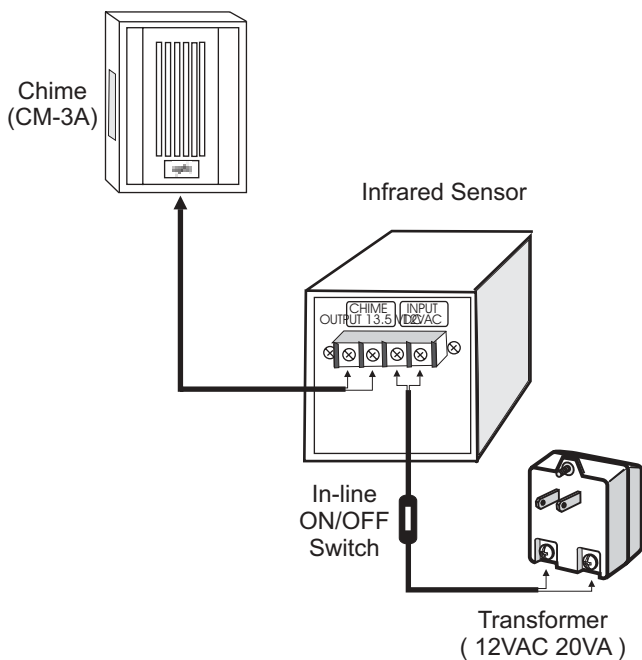
EBP-405A Complete Kit

Complete Kit Includes

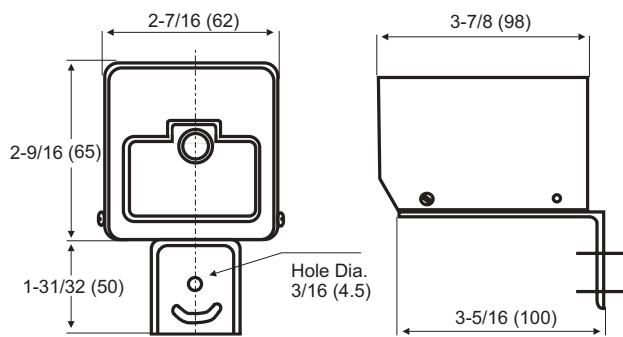
- [1] Infrared Beam Sensor.
- [1] Mechanical Chime (CM-3A).
- [1] Reflector.
- [1] Filter mask.
- [1] Power transformer (XF-1220 UL/CSA Approved).
- [2] Mounting brackets.
- [1] 6-foot power cord with ON/OFF switch.
- [1] 26ft. 2/conductor chime wire (AWG #22).
- [1] Wing bolt to secure main unit.
- [4] Screws for mounting chime.
- [4] Screws for securing mounting brackets.



EBP-405A Wiring Diagram



Dimensions: inch (mm)

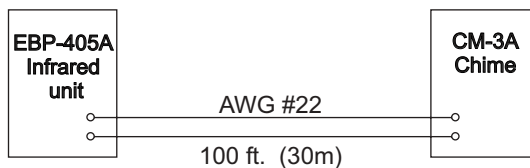


Specifications:

| Model Number | EBP-405A | CM-3A |
|-----------------------------|----------------------|------------------|
| Description | Infrared beam sensor | Mechanical chime |
| Detection method | Active infrared | -- |
| Detection range | 35 feet | -- |
| Chime sound output | -- | 82 decibels |
| Power consumption: | Standby 70mA | 1.13A |
| Installation | Indoor | Indoor |
| Power Input | 9 16VAC | 13.5VDC |
| Power output | 13.5VDC | -- |
| Response time | 50msec. | -- |
| Operating temperature range | 14 F ~ 140 F | (-10 C ~ +60 C) |

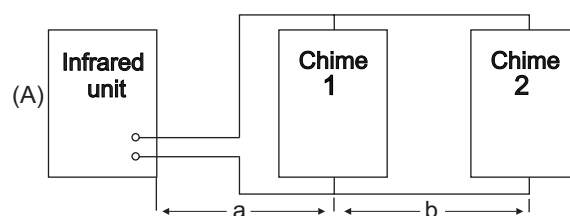
Wiring distance between unit and chime.

- Standard one (1) chime with furnished AWG #22 wire.



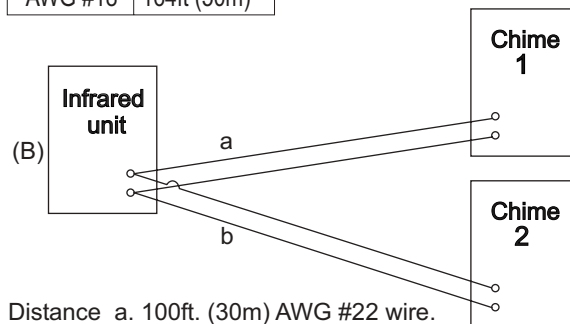
| Wire Size | Max. distance |
|-----------|---------------|
| AWG #22 | 100ft (30m) |
| AWG #20 | 164ft (50m) |
| AWG #18 | 262ft (80m) |

- Two (2) chime installation.



$$a + b = \text{distance}$$

| | |
|---------|-------------|
| AWG #22 | 68ft (20m) |
| AWG #20 | 100ft (30m) |
| AWG #18 | 164ft (50m) |



Distance a. 100ft. (30m) AWG #22 wire.

Distance b Wire gage

| | |
|--------------|---------|
| 100ft. (30m) | AWG #22 |
| 164ft. (50m) | AWG #20 |
| 262ft. (80m) | AWG #18 |