



AUDIBLE DEVICES **AND SOUNDER BEACONS**

DESCRIPTION

- UL Listed
- Available in 6" or 10" version
- High dbA output
- Mounts to a standard 4" square electrical box
- ANSI/UL Listed for outdoor use when used with the BB-WP weatherproof back box
- 18AWG wireleads
- Meets ANSI/UL 464 requirements
- Red metal finish

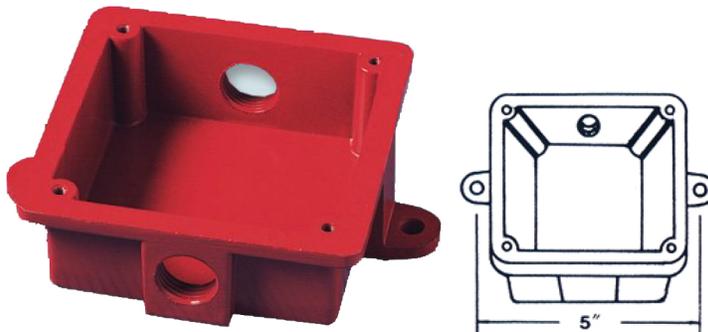
INSTALLATION NOTE

1. Remove the gong.
2. Wire the bell in the circuit.
3. Mount bell mechanism on 4" square standard outlet box with the striker facing down.
4. The bell must be mounted a minimum of 8ft., above the floor, or, as close to the ceiling as possible.
5. Polarized bell provides Red(-) and Black(-) lead wires. When the bell is installed, polarity must be observed.

SPECIFICATION

| Part Number | OCI-B6-24 | OCI-B10-24 |
|---|--------------------------------|--------------------------------|
| Gong Size | 6 inch | 10 inch |
| Voltage | 24VDC | 24VDC |
| Current | 100mA | 100mA |
| Sound Level | 96dB at 10ft | 96dB at 10ft |
| Driving Way | Coil | Coil |
| Weight | 1 kg | 1.5 kg |
| Operating Temperature (Indoor Application) | 32°F to 120°F (0°C to 48°C) | 32°F to 120°F (0°C to 48°C) |
| Operating Temperature (Outdoor Application) | -32°F to 150°F (-35°C to 65°C) | -32°F to 150°F (-35°C to 65°C) |
| Color/ Material | Red/Metal | Red/Metal |
| BB-WP Dimension | 4.25"W x 4.25"H x 1.5"D | |

WEATHERPROOF BACKBOX



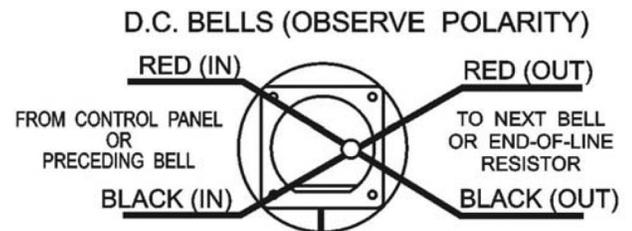
P/N: OCI-BB-WP



P/N: OCI-B10-24

P/N: OCI-B6-24

WIRING DIAGRAM



| Specifications | | Diameter of Hole |
|----------------|-----------|------------------|
| American-Sized | One Hole | 20 mm |
| | Two Holes | 20 mm |
| European-Sized | One Hole | 20 mm |
| | Two Holes | 20 mm |

PRODUCT LISTINGS

SIGNALING



LISTED
464 - S1529



California State
Fire Marshal
7135-0410:0209

ALARM BELL

The alarm bells are professionally designed to meet the needs of fire fighting and detection system with central control equipment. The simplicity of the design incorporates fewer working parts, easy installation and high level of efficiency, thus making the bells capable for operating under most adverse conditions.

Technical Data

- Well-proven high reliability
 - Plug-in power supply
 - Interchangeable base
 - Wide operating voltage range
 - Zero standby current
 - Low current consumption
 - Loud and clear ringing tone
 - Universal application available in three DC voltages - 6V, 12V and 24V.
 - AC voltages available in 110V and 240V
- Supply Voltage: 12 VDC and 24 VDC
 - Alarm Current: 0.03 Amps
 - Decible Rating 1 m: 103 dB
 - Sizes: 6" (150 mm) Ø
 - 8" (200 mm) Ø



| Part Number | Size |
|-------------|------|
| OCI 37011 | 6" Ø |
| OCI 37012 | 8" Ø |

FLASHING BEACON/ SOUNDER COMBINATION

The Flashing Beacon/ Sounder Combination is a versatile and compact electronic sounder that is designed for fire, security and hazard warning. This solid-state sounder offers significantly high output levels at low current consumption. The casing is designed using a high grade ABS engineering plastic that has excellent resistance to impact and heat.

Featuring a red polyethene removable conduit plug for easy conduit entries, this is designed to work effectively with most detection systems incorporating central control equipment. It also facilitates conceal fixing with the provision of thread protection plugs that prevent damage to the brass insert thread at the base of the box.

Advantages

- Functional-Inherent design offers wide operating voltage range
- Efficiency-Low power consumption with high output
- Accessible-Removable conduit plug offers easy conduit entries
- Versatile-Suitable for surface or flush mounting
- Practical Design-Provision of thread protection plugs protect brass inserts when conceal fixing is necessary
- Compatible-Works perfectly well with most detection systems

Technical Data

- Dimension: 88 (W) x 176 (H) x 78 (D) mm
- Casing: ABS Plastic
- Lens: Polycarbonate
- Operating Current: 70 mA @ 24 VDC
- Operating Voltage: 12 - 24 VDC
- Sound Output: 100 ± 3 dB @ 24 VDC
- Protection Classification: IP 54
- Colour: Signal Red



P/N: OCI 37311

MANUAL CALL POINT (RESETTABLE)

Manual Call Point is suitable for open or closed circuit system and is professionally designed for use in fire detection systems with central control equipment. Alternative terminals are provided for open or closed circuits. When wired for open circuit operation, the circuit closes instantly when the Resettable Manual Call Point activated without glass breaking. Openings are provided for 3/4" Ø conduit entries from top, bottom and the back. The base box is also provided with fixing holes for surface wiring. The casings are moulded from specially selected engineering plastic, which comes in 5 different colours, with high impact strength, high resistance to heat. All non-electrical metal parts are made of brass and phosphor bronze to ensure lifelong resistance against corrosion. All electrical contacts are made of pure silver.

Advantages

- Double terminal wire connectors for independent input and output connections, which facilitate installations when used in looping
- Instant test operation is available through activation utilizing a special key provided
- Suitable for surface or flush mounting

Technical Data

- Dimension: 88(W) x 55(D) x 88(H) mm
- Material: ABS Plastic with Polycarbonate Panel
- Current Ratings: 12/24 VDC ~ 10A; 48 VDC ~ 3A; 250 VAC ~ 10A
- Net/Gross Weight: 160/184g
- Colour Choices: Red, White, Yellow, Green, Blue
- Optional Features: LED, Resistor, Blocking Diode, Double Switch, Polycarbonate Cover



P/N: OCI 37411

INDOOR/OUTDOOR SELECT-A-HORN

- UL and cUL listed
- 33 sound output settings
- Horn or chime sound output
- Indoor/outdoor* listed
- Pre-wire back plate
- Universal back plate mounting (single gang, double gang, octagon, or 4" square)
- Single screw mounting
- Low current draw
- * Outdoor installation requires the BBK-1, BBX-5R, or BBX-5W

The H-1224 Electronic Horn permits various applications on a solitary Device. The horn settings incorporate Temporal, Non-Temporal, March Time also, a Chime sound. The horn likewise has Low, Mid and High volume settings for each example and tone. The tones incorporates 2400 Hz, Electro-Mechanical, Broadband and Chime.

The voltage information can be either managed DC or full wave amended (FWR) 12 volt or 24 volt operation.

The H-1224 uses a universal mounting plate that will mount on a solitary group, twofold pack, octagon and 4" square electrical boxes. Outdoor installations must utilize either the BBK-1 4" square (weatherproof ringer backbox) or the BBX-5 (weatherproof backbox). The back plate permits the installer to mount the plate and end the wire associations. The horn joins in a pivot design from the top and is secured by a solitary mounting screw. The horn totally covers the mounting back plate, accordingly it can be mounted before different exchanges work is finished and not influence the final look.



P/N: OCI 44202



WALL MOUNT WEATHER PROOF SELECT-A-STROBE/HORN

- UL and cUL listed
- 12 VDC with 15, 35 or 60 cd setting
- 24 VDC with 15, 35, 60, 75, 95 or 110 cd settings
- Outdoor and indoor
- 6 distinctive candela settings
- Candela selection view window
- 15/75 ADA compliant on 60cd setting
- 33 sound output settings
- Horn or chime sound output
- Pre-wire back plate
- Universal back plate mounting (single gang, double gang, octagon, or 4" square)
- Single screw mounting
- Low current draw

The SH-1224WP Strobe/Horn Series provides a wide range of candela light output options in a single device. The candela settings include a 12 or 24 volt DC operation for the 15, 35 and 60 (75 on axis) candela settings and 24 volt DC operation for the 15, 35, 60, 75, 95 and 110 candela settings. The candela setting is displayed through the front window and is selectable using a drum wheel. The strobes can be synchronized using a control panel with the Potter(Amseco) sync protocol or a SMD10-3A sync module. The horn settings include Temporal, Non-Temporal, March Time and a Chime sound. The horn also has Low, Mid and High volume settings for each pattern and tone. The tones include 2400 Hz, Electro-Mechanical and Broadband. The voltage input can be either regulated DC or full wave rectified (FWR) 12 volt or 24 volt operation with an operating range of 8 to 33V DC.

The SH-1224WP utilizes a universal mounting plate that will mount on a single gang, double gang, octagon and 4" square electrical boxes. The back plate allows the installer to mount the plate and terminate the wire connections. The strobe/horn attaches in a hinge fashion from the top and is secured by a single mounting screw. The strobe/horn completely covers the mounting back plate, therefore it can be mounted before other trades work is completed and not affect the final look.

The Potter SH-1224WP is listed for both outdoor and indoor installations. For outdoor installations the device must be mounted on a matching BBX-5 back box or a BBK-1 bell back box.



P/N: OCI 44205

SELECT-A-STROBE/HORN

- UL and cUL listed
- 12 VDC with 15, 35 or 60 cd setting
- 24 VDC with 15, 35, 60, 75, 95 or 110 cd settings
- 6 distinct candela settings
- Candela selection view window
- 15/75 ADA compliant on 60cd setting
- 33 sound output settings
- Horn or chime sound output
- Pre-wire back plate
- Universal back plate mounting (single gang, double gang, octagon, or 4" square)
- Single screw mounting
- Indoor only
- Low current draw



P/N: OCI 44203

The SH-1224 Strobe/Horn Series gives an extensive variety of candela light yield alternatives in a solitary gadget. The candela settings incorporate a 12 or 24 volt DC operation for the 15, 35 and 60 (75 on hub) candela settings and 24 volt DC operation for the 15, 35, 60, 75, 95 and 110 candela settings. The candela setting is shown through the front window and is selectable utilizing a drum wheel.

The horn settings incorporate Temporal, Non-Temporal, March Time and a Chime sound. The horn likewise has Low, Mid and High volume settings for each example and tone. The tones incorporate 2400 Hz, electromechanical, Broadband and Chime.

The voltage information can be either directed DC or full wave amended (FWR) 12 volt or 24 volt operation with a working reach from 8 to 33 VDC. The strobes can be synchronized utilizing a control panel with the Potter (Amseco) adjust convention or a SMD10-3A match up module.

The SH-1224 uses an all inclusive mounting plate that will mount on a solitary pack, twofold group, octagon and 4" square electrical boxes. The back plate permits the installer to mount the plate and associate the wire associations. The strobe joins in a pivot 4" from the top and is secured by a solitary mounting screw. The strobe totally covers the mounting back plate, along these lines it can be mounted before different exchanges work is finished and not influence the last look.

HIGH INTENSITY SELECT-A-STROBE/HORN

- UL and cUL listed
- 24 VDC with 95, 110, 135, 150, 177 or 185 cd settings
- 6 distinct candela settings
- Candela selection view window
- 33 sound output settings
- Horn or chime sound output
- Pre-wire back plate
- Universal back plate mounting (single gang, double gang, octagon, or 4" square)
- Single screw mounting
- Wall mount
- Indoor only
- Low current draw



P/N: OCI 44204

The SH-24H Select-A-Strobe/Horn™ Series provides a wide range of candela light output options in a single device. The candela settings include a 24 volt DC operation for the 95, 110, 135, 150, 177 or 185 setting. The candela setting is displayed through the front window and is selectable using a drum wheel.

The horn settings include Temporal, Non-Temporal, March Time and a Chime sound. The horn also has Low, Mid and High volume settings for each pattern and tone. The tones include 2400 Hz, Electro-Mechanical, Broadband and Chime.

The voltage input can be either regulated DC or full wave rectified (FWR) 24 volt operation with an operating range from 16 to 33 VDC. The strobes can be synchronized using a control panel with the Potter (Amseco) sync protocol or a SMD10-3A sync module.

The SH-24H utilizes a universal mounting plate that will mount on a single gang, double gang, octagon and 4" square electrical boxes. The back plate allows the installer to mount the plate and connect the wire connections. The strobe attaches in a hinge fashion from the top and is secured by a single mounting screw. The strobe completely covers the mounting back plate, therefore it can be mounted before other trades work is completed and not affect the final look.

⚠ CAUTION

A jumper plug is provided to test for correct wiring in the supervisory mode only. Do not pass alarm current through the jumper.

DESCRIPTION

- UL and cUL listed
- 12 VDC with 15, 35 or 60 cd setting
- 24 VDC with 15, 35, 60, 75, 95 or 110
- 6 distinct candela settings
- Candela selection view window
- 15/75 ADA compliant on 60cd setting
- Pre-wire back plate
- Universal back plate mounting (single gang, double gang, octagon, or 4" square)
- Single screw mounting
- Indoor only
- Low current draw



P/N: OCI 44208

The SH-1224 Strobe/Horn Series gives a broad assortment of candela light yield choices in a lone contraption. The candela settings join a 12 or 24 volt DC operation for the 15, 35 and 60 (75 on center point) candela settings and 24 volt DC operation for the 15, 35, 60, 75, 95 and 110 candela settings. The candela setting appears through the front window and is selectable using a drum wheel.

The horn settings fuse Temporal, Non-Temporal, March Time and a Chime sound. The horn in like manner has Low, Mid and High volume settings for every illustration and tone. The tones join 2400 Hz, electromechanical, Broadband and Chime.

The voltage data can be either coordinated DC or full wave corrected (FWR) 12 volt or 24 volt operation with a working range from 8 to 33 VDC. The strobes can be synchronized using a control board with the Potter (Amseco) change tradition or a SMD10-3A coordinate module.

The SH-1224 utilizes a comprehensive mounting plate that will mount on a singular pack, twofold gathering, octagon and 4" square electrical boxes. The back plate allows the installer to mount the plate and partner the wire affiliations. The strobe participates in a turn shape from the top and is secured by a singular mounting screw. The strobe absolutely covers the mounting back plate, thus, it can be mounted before various trade works and not impact the last look.

⚠ CAUTION

A jumper plug is provided to test for correct wiring in the supervisory mode only. Do not pass alarm current through the jumper.

EVACUATE STROBE LIGHT BOX

The Evacuate Strobe Light Box is utilized as the primary caution (first) cautioning before the release of the fire suppression framework. The signage packaging is made of electrogalvanized steel sheet and is epoxy powder covered (Black) to last. It has a measurement of size 265mm(L) x 105mm(W) x 110mm(H).



P/N: OCI 88114

| Part Number | Nominal Voltage (VDC) |
|-------------|-----------------------|
| OCI 88114 | 24 - LED |

GAS DISCHARGED STROBE LIGHT BOX

The Gas Discharged Strobe Light Box is utilized as the second caution (second) and release cautioning of a fire extinguishing system that has been released. The signage packaging is made of electro galvanized steel sheet and is epoxy powder covered (Black) to last. It has a measurement of size 265mm(L) x 105mm(W) x 110mm(H).



P/N: OCI 88115

| Part Number | Nominal Voltage (VDC) |
|-------------|-----------------------|
| OCI 88115 | 24 - LED |

DESCRIPTION

Instructional signs should be supplied in order to provide for a system in which the function of all devices is easy to understand. Orient offers several different "standard" signs to comply with NFPA and other industry requirements. All signs are made of durable plastic and backed with a strong adhesive for easy installation. Signs are typically installed at all entrances [e.g. CAUTION – Room Protected by HFC-227ea] and near any devices for which the additional explanation is helpful. Custom made instructional signs are available upon request.

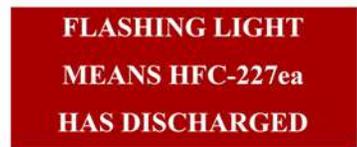
MANUAL DISCHARGE STATION SIGN (OCI 50233)

The purpose of the Manual Discharge Station Sign is to identify the manual pull station as the place where the HFC-227ea can be manually discharged. It also minimizes the possibility of the manual pull station being mistaken for a fire alarm device. The sign has a dimension of 4" x 4" x 1/16" (100 x 100 x 1.5 mm) and is made of plastic with white lettering on a red background. The Manual Discharge Station Sign should be located in the proximity of the manual pull station for quick positive identification.



FLASHING LIGHT SIGN (OCI 50234)

The purpose of the Flashing Light Sign is to attract public notice/attention in the event of a HFC-227ea discharge. The sign has a dimension of 7" x 4 1/4" x 1/16" (178 x 108 x 1.5 mm) and is made of plastic with white lettering on a red background. This will alert personnel when HFC-227ea has been discharged and allow them to take appropriate actions.



YELLOW CAUTION SIGN (OCI 50235)

The purpose of the Caution Sign is to alert personnel that the room is protected by HFC-227ea and that all doors should be kept closed in the event of fire. The sign has a dimension of 14" x 10" x 1/16" (356 x 254 x 1.5 mm) and constructed of plastic with a yellow background. The Caution Sign should be conspicuously located in any rooms where HFC-227ea protection is being provided.



Orient offers three additional standard CAUTION signs to comply with NFPA and authorities having jurisdiction to provide caution and direction to various system component devices. All signs are made of durable plastic, backed with strong adhesive for easy installation. Signs are also pre-drilled at each corner for screw fasteners if desired. Signs are typically installed on doors, near alarm devices, next to controls, etc. All signs have a dimension of 3 1/2" x 7 1/2" x 1/16" with white lettering on a red background.

CAUTION (When Alarm Sound ...) (OCI 50230)

The purpose of this caution sign is to alert personnel to evacuate the protected area. The sign should be conspicuously located near alarm devices.



CAUTION (Do Not Enter Room ...) (OCI 50231)

The purpose of this caution sign is to prevent personnel from entering a protected area. The sign should be conspicuously located outside the entrance door to the protected area.



CAUTION (Operation of Manual Station Will ...) (OCI 50232)

The purpose of this caution sign is to instruct personnel as to use of the Agent Release Manual Pull Station. This sign should be installed adjacent to all Agent Release Manual Pull Stations.





DESCRIPTION

Instructional signs should be supplied in order to provide for a system in which the function of all devices is easy to understand. Orient offers several different "standard" signs to comply with NFPA and other industry requirements. All signs are made of durable plastic and backed with a strong adhesive for easy installation. Signs are typically installed at all entrances [e.g. CAUTION – Room Protected by FK-5-1-12] and near any devices for which the additional explanation is helpful. Custom made instructional signs are available upon request.

MANUAL DISCHARGE STATION SIGN (OCI 60233)

The purpose of the Manual Discharge Station Sign is to identify the manual pull station as the place where the FK-5-1-12 can be manually discharged. It also minimizes the possibility of the manual pull station being mistaken for a fire alarm device. The sign has a dimension of 4" x 4" x 1/16" (100 x 100 x 1.5 mm) and is made of plastic with white lettering on a red background. The Manual Discharge Station Sign should be located in the proximity of the manual pull station for quick positive identification.



FLASHING LIGHT SIGN (OCI 60234)

The purpose of the Flashing Light Sign is to attract public notice/attention in the event of a FK-5-1-12 discharge. The sign has a dimension of 7" x 4 1/4" x 1/16" (178 x 108 x 1.5 mm) and is made of plastic with white lettering on a red background. This will alert personnel when FK-5-1-12 has been discharged and allow them to take appropriate actions.



YELLOW CAUTION SIGN (OCI 60235)

The purpose of the Caution Sign is to alert personnel that the room is protected by FK-5-1-12 and that all doors should be kept closed in the event of fire. The sign has a dimension of 14" x 10" x 1/16" (356 x 254 x 1.5 mm) and constructed of plastic with a yellow background. The Caution Sign should be conspicuously located in any rooms where FK-5-1-12 protection is being provided.



Orient offers three additional standard CAUTION signs to comply with NFPA and authorities having jurisdiction to provide caution and direction to various system component devices. All signs are made of durable plastic, backed with strong adhesive for easy installation. Signs are also pre-drilled at each corner for screw fasteners if desired. Signs are typically installed on doors, near alarm devices, next to controls, etc. All signs have a dimension of 3 1/2" x 7 1/2" x 1/16" with white lettering on a red background.

CAUTION (When Alarm Sound ...) (OCI 50230)

The purpose of this caution sign is to alert personnel to evacuate the protected area. The sign should be conspicuously located near alarm devices.



CAUTION (Do Not Enter Room ...) (OCI 50231)

The purpose of this caution sign is to prevent personnel from entering a protected area. The sign should be conspicuously located outside the entrance door to the protected area.



CAUTION (Operation of Manual Station Will ...) (OCI 50232)

The purpose of this caution sign is to instruct personnel as to use of the Agent Release Manual Pull Station. This sign should be installed adjacent to all Agent Release Manual Pull Stations.





ABORT STATION

The Abort Station is intended to be wired to the prematurely end terminals of the Agent Release Control Panel (OCI 77301). The device comprises of a Zinc Alloy faceplate and a particular switch assembly. It is intended to mount on a standard gang electrical enclosure.

Specifications:

- Size: 70mm W x 115mm H x 25mm D
- Weight: 125g ± 5%
- Material: Zinc Alloy
- Operating Temp.: 0°C ~ 55°C
- Power: DC 24V 1A



P/N: OCI 88105

RELEASING CIRCUIT DISABLE SWITCH

The device consists of a Zinc Alloy faceplate, green LED, amber LED and a switch assembly. It is designed to mount on a standard single gang electrical enclosure.

Application

The RCDS complies with the requirements of NFPA 72:

- Specifying a physical switch to disconnect the release circuit in place of a software controlled disconnect.
- Creating a supervisory condition on the associated release panel.

Installation

1. Connect the red and black leads to the 24 VDC auxiliary power terminals on the release panel. Be certain to observe polarity.
2. Connect the yellow wires to the supervisory zone on the panel.



P/N: OCI 88205

MAIN-RESERVE SWITCH

The "Main" to "Reserve" Switch is utilized with frameworks that join main and reserve (back-up) agent stockpiling. The switch have two types of dry contact (COM./N.C. furthermore, COM./N.O.) change independently to keep away from any obstruction by various framework.

Taking after a framework release, reset any field devices. When all devices are in a stand by status, the Main-Reserve Switch might be moved to the "Reserve" position. The Control Panel may then be reset to a normal mode for continuous Orient assurance. The vacant "Main" compartments can be evacuated for revive. After the holders in the "Main" framework have been revived, the switch might be come back to the "Main" position.



P/N: OCI 60911