

Conventional and Addressable Accessories

Outdoor/Indoor Horns and Strobes

2400 Series

Edwards 2400 Series temporal horns and temporal horn-strobes are designed for use with compatible life safety communication and control equipment to alert occupants of a life safety event. The horn emits up to a 95dB (@ 1meter) low frequency sound, and must be connected to signal circuits that output a constant (not pulsed) voltage. A diode is used to allow full signal circuit supervision.

The strobes are designed to flash at the same rate (synchronize) when used with a compatible synchronization source, such as the EG1M-RM synchronization module, E-FSC and E-FSA fire panels, and EBPS series booster supplies.

The plastic housing is made from durable and fire retardant, high impact plastic with a slightly textured surface. The mounting plate firmly holds the device in place with a single screw. A separate trim plate is not required. Terminals accept up to #12 AWG (2.5mm²) wire for polarized connections.

2400 Series strobes are shipped with standard wall mount style "FIRE" lens markings. Where ceiling orientation, other languages, or different lens markings are required, Edwards offers optional 2440KTW and 2440KTC series Lens Marking Kits.

Features and Specifications

- Xenon strobe light source
- Flash rate 60 fpm
- Suitable for use in indoor and outdoor applications
- Adjustable audible output: 92-95dB @ 1m (82-85dB @ 10ft.)
- Red or white front plate
- Field interchangeable markings with optional lens kits
- Flush mount to standard North American 4" square or two-gang box
- UL 1971 and UL 1638 listed
- Operating temperature range: -31°F to 150°F (-35°C to 66°C)



Ordering Information

| Description | Cat. No. | Operating Voltage ¹ | Current Low Setting ² | Current High Setting | Candela Rating | dB at 1m/10ft. ⁴ | Housing Color |
|--------------|-----------------|--------------------------------|---|----------------------------|--------------------|-----------------------------|---------------|
| Horns | 2447TH-R | 24V | 0.020 A DC, 0.028 A fwr | 0.040 A DC, 0.055 A fwr | — | 95/85 | Red |
| | 2447TH-W | 24V | 0.020 A DC, 0.028 A fwr | 0.040 A DC, 0.055 A fwr | — | 95/85 | White |
| Horn Strobes | 2452THS-15/75-R | 24V | 0.150 A DC, 0.210 A fwr ³ | — | 15/75 ⁵ | 95/85 | Red |
| | 2452THS-15/75-W | 24V | 0.150 A DC, 0.210 A fwr ³ | — | 15/75 ⁵ | 95/85 | White |
| | 2452THS-110-R | 24V | 0.329 A DC, 0.420 A fwr ³ | — | 110 | 95/85 | Red |
| | 2452THS-110-W | 24V | 0.329 A DC, 0.420 A fwr ³ | — | 110 | 95/85 | White |

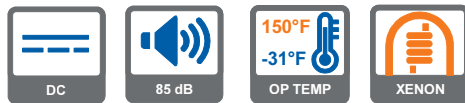
¹Regulated 16V to 33V DC/fwr.

²Current values are UL, RMS ratings

³Does not include horn current (same as 2447TH).

⁴10ft. dB measurements per UL 464 in a reverberant room. Anechoic dB measurements are typically higher.

⁵15cd per UL1971, 75cd per UL1638.



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| Accessories | |
|-------------------------------------|------------|
| Description | Cat. No. |
| Surface Box, Red, Indoor | 2459-SMB-R |
| Surface Box, White, Indoor | 2459-SMB-W |
| Surface Box, Red, Outdoor | 2459-WPB-R |
| Surface Box, White, Outdoor | 2459-WPB-W |
| Lens Marking Kits: | |
| "FIRE", Wall Orientation (supplied) | 2440KTW-01 |
| "FIRE", Ceiling Orientation | 2440KTC-01 |
| "EMERGENCY", Wall Orientation | 2440KTW-07 |
| "EMERGENCY", Ceiling Orientation | 2440KTC-07 |
| Synchronization Module | EG1M-RM |

| Weights and Dimensions | | | | |
|------------------------|-------------------------------|-------------|--------------|--------------|
| Cat. No. | Approx. Shipping Weight (lb.) | Dimensions | | |
| | | Width (in.) | Length (in.) | Height (in.) |
| 2447TH-R | 1.7 | 5.5 | 5.5 | 0.625 |
| 2447TH-W | 1.7 | 5.5 | 5.5 | 0.625 |
| 2452THS-15/75-R | 2.0 | 5.5 | 5.5 | 2.375 |
| 2452THS-15/75-W | 2.0 | 5.5 | 5.5 | 2.375 |
| 2452THS-110-R | 2.0 | 5.5 | 5.5 | 2.375 |
| 2452THS-110-W | 2.0 | 5.5 | 5.5 | 2.375 |
| 2459-SMB-R | 1.5 | 5.625 | 5.625 | 3.563 |
| 2459-SMB-W | 1.5 | 5.625 | 5.625 | 3.563 |
| 2459-WPB-R | 1.5 | 5.92 | 5.92 | 3.4 |
| 2459-WPB-W | 1.5 | 5.92 | 5.92 | 3.4 |
| 2440KTW-01 | 0.1 | — | — | — |
| 2440KTC-01 | 0.1 | — | — | — |
| 2440KTW-07 | 0.1 | — | — | — |
| 2440KTC-07 | 0.1 | — | — | — |