
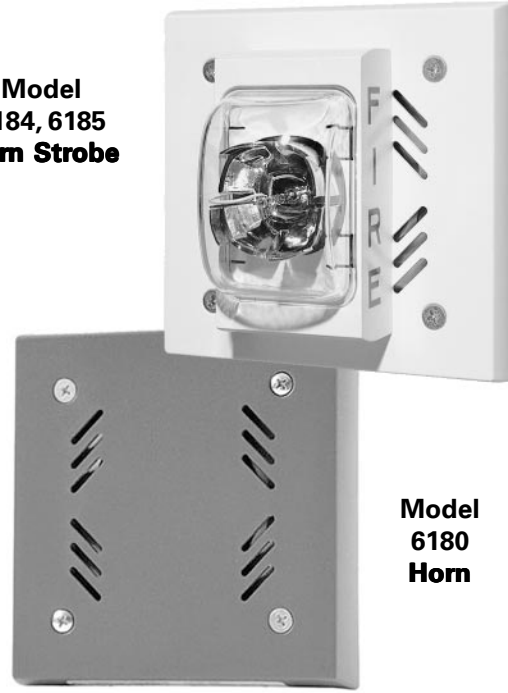


## Model 618x AC Electro-Mechanical Horns & Horn Strobes

### Features

- 120 Vac units available with 110 candela strobes
- Penetrating mechanical tone (100 dB typical) with low operating current
- Lightweight plastic grille design
- Horn/strobe can be wired together or independently
- Weatherproof versions available when used with 3014 or 3015 backbox
- Strobes meet ADA guidelines
-  UL 464 & UL 1971 listed for both wall and ceiling mount (indoor use) – UL 464 & UL 1638 listed for both wall and ceiling mount (outdoor use). CSFM listed, ULC and MEA approvals
- Made in U.S.A., ISO 9001 Quality Crafted

**Model  
6184, 6185  
Horn Strobe**



**Model  
6180  
Horn**

### Description

Faraday's AC models of signaling devices provide the user with flexibility and reliability to meet any audible and visual signaling application.

The **6180** horns and **618x** horn strobes are polarized and use a terminal block for wiring connections to horn and wire leads to strobe. For weatherproof units order part number 6180 horns or 6185 horn strobes. Weatherproof units must use the **3014** or **3015** weatherproof back box.

The "L" -110 Cd strobe has a rounded dome shape made of clear polycarbonate. "FIRE" letters are visible on the strobe housing. The overall lens is 2.0" x 2-7/8" with a height of 1-3/8".

### Engineering Specifications

Notification device shall be a Faraday, model 6180 listed to standard UL 464 or model 618x listed to UL 464 & UL 1971 or UL 1638 and shall be approved for fire protective service. Units with strobe shall be wired as a Primary Signaling Notification Appliance. Strobe shall also comply with the Americans with Disabilities Act (ADA) requirements for appliances. Devices shall operate on 120 Vac. The signaling strobe shall be powered from a non-coded power source when powered with the horn or powered independently. Visual signaling devices are to be installed per plans and specifications. The strobe light shall consist of a xenon flash tube and associated lens with flash system. AC Notification devices shall be capable of mounting to a standard 4" x 4" x 1-1/2" backbox. The 6180 horn shall be rated for weatherproof applications when mounted to the 3014 or 3015 weatherproof backbox. Horns are Electro-Mechanical, have no contacts and operate in the 400 to 700 Hz range.

## Specifications

### Environmental

32°F to 120°F (0°C to 49°C) at 85% RH  
**Weatherproof** – -37°F to 150°F (-35°C to 66°C) at 95% RH

### Primary Input Voltage

see ordering information

### Typical dB Rating at 10 Feet

100 dB typical – Minimum UL measurements are 91 dB. Typical readings are frontal sound readings taken with a dB meter with signal mounted on wall.

### Mounting

4" square box

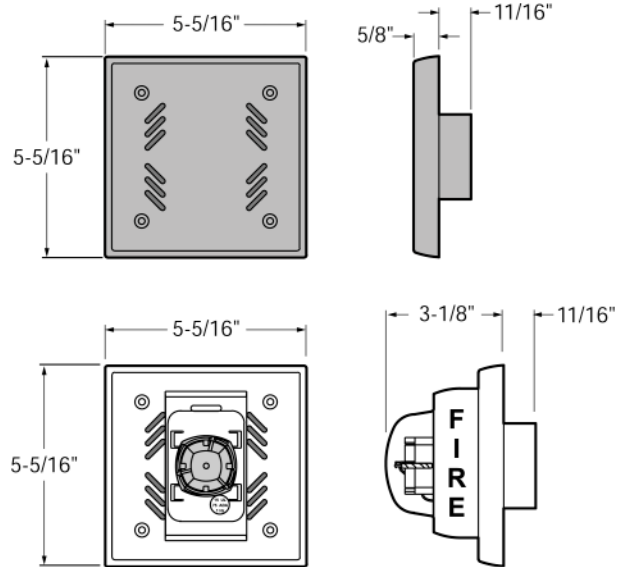
**Weatherproof** – 3014B or 3015B

### Shipping Weight

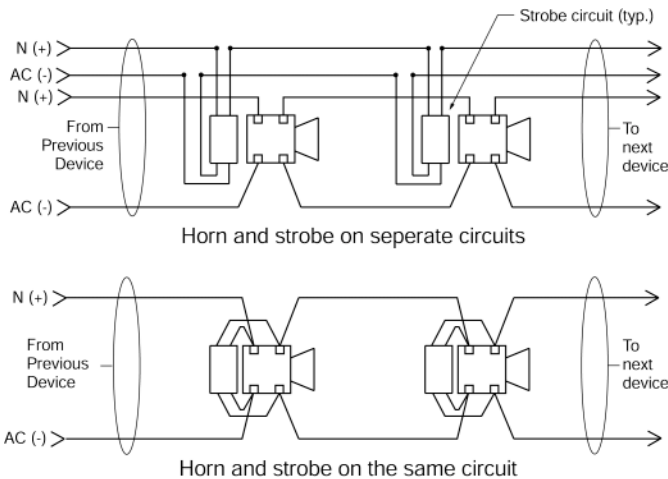
Horn, 1-1/2 lb. approx.

Horn/Strobe, 2 lbs. approx.

## Dimensions



## Wiring (618x) Horn and Horn w/Strobe



**Note:** The terminals on this horn are designed to accept 14 ga. wire. AC/N operating polarity is shown in alarm at 120 Vac. (+/-) supervisory polarity is shown in standby at 24 Vdc.

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## Ordering Information

### Model 6180 Electro-Mechanical Horns

Model	Description	Voltage	Horn Current	Part No.
6180B-0-14-120-60	120 Vac, Horn red	120 Vac	70 mA	500-696500FA
6180B-0-21-120-60	120 Vac, Horn white	120 Vac	70 mA	500-648147FA

### Model 6184 Electro-Mechanical Horn Strobes

Model	Description	Voltage	Candela	Strobe Current	Chime Current	Part No.
6184B-L-14-120-60	120 Vac, 110 Cd Horn Strobe red	120 Vac	110 Cd	73 mA	70 mA	500-648150FA
6184B-L-21-120-60	120 Vac, 110 Cd Horn Strobe white	120 Vac	110 Cd	73 mA	70 mA	500-648151FA

### Models 6180 Weatherproof, AC Electro-Mechanical Horns and 6185 Horn Strobes

Model	Description	Voltage	Candela	Strobe Current	Chime Current	Part No.
6180B-0-14-120-60	120 Vac, Horn red	120 Vac	N/a	N/a	70 mA	500-696500FA
6180B-0-21-120-60	120 Vac, Horn white	120 Vac	N/a	N/a	70 mA	500-648147FA
6185B-L-14-120-60	100 Cd Strobe red	120 Vac	100 Cd	73 mA	70 mA	500-648153FA
6185B-L-21-120-60	100 Cd Strobe white	120 Vac	100 Cd	73 mA	70 mA	500-648154FA
6185B-LB-21-120-60	100 Cd Strobe white, no lettering	120 Vac	100 Cd	73 mA	70 mA	500-648155FA

### Accessories

Model	Description	Part No.
3011B-0-14	Extention Ring red	500-694493FA
3014B-0-14	Weatherproof Box - 1/2" Conduit red	500-694494FA
3014B-0-21	Weatherproof Box - 1/2" Conduit white	500-695773FA
3015B-0-14	Weatherproof Box - 3/4" Conduit red	500-694495FA
3046B-0-14	1.7 Inch Deep Surface Box red	500-695340FA
3046B-0-21	1.7 Inch Deep Surface Box white	500-695874FA
3047B-0-14	2.7 Inch Surface Box red	500-695341FA
3047B-0-21	2.7 Inch Surface Box white	500-695875FA
3048B	2.7 Inch Flush Box	500-695342FA

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