

# Technical Specifications

## SX15-T/SX30-T SX-Series Paging Horn

- Available in 15-Watt and 30-Watt models
- 25/70/100 volt transformer
- Rotary switch for tap selection
- Stainless-steel hardware
- Beam mount clamp included
- Omni-directional mounting
- Available in beige, gray, and marine white
- Indoor/outdoor use



15-Watt and 30-Watt  
25/70/100 Volt  
one way/talkback compatible

### Description:

The SX-Series Paging Horns are high-efficiency horns that generate high quality voice paging, emergency alerts, and loud ringing for indoor and outdoor installations such as industrial facilities, warehouses, parking lots, stadiums, schools or transportation terminals. The SX-Series Paging Horns are available in SX15-T/SX30-T (beige), SX15-T-GY/SX30-T-GY (gray).

The SX-Series Paging Horns are also available in marine versions (SX15-TM/SX30-TM) that are specially designed to withstand the deteriorating effects of sun, salt and high humidity. The SX-Series marine versions are white with stainless hardware. The marine versions are ideal for marinas, ports, outdoor and indoor pool areas, or any unsheltered area that is susceptible to harsh weather.

The SX-Series Paging Horns include a Omni-Lock™ Mount for quick and easy installation on multiple surfaces including beams, walls, electrical boxes and other areas.

## SPECIFICATIONS

### SOUND PRESSURE LEVEL

109 dB @ 4 Feet on axis with 1-Watt input

### LINE TRANSFORMER

25, 70.7 and 100 Volt

### TRANSFORMER TAPS

15 Watt - 15, 7.5, 3.8 and 1.9 Watts

30 Watt - 30, 15, 7.5, 3.8 and 1.9 Watt

### FREQUENCY RESPONSE

300 Hz - 10 kHz

### Dispersion

120° Horizontal and 90° Vertical

### ENVIRONMENT

Temperature: -4 to +131 °F (-20 to + 55 °C)

Humidity: 0-95% Non-condensing

### HOUSING AND FINISH

Horn: high impact ABS plastic

Mounting base: ultra-high impact polycarbonate plastic

### MOUNTING

Omni-directional fully adjustable 360° Horizontal and 160° Vertical

### DIMENSIONS AND WEIGHT

#### 15-Watt

6.50in H x 8.25in W x 9.25in D  
(16.51cm x 20.96cm x 23.50cm)

Weight: 4.00lbs (1.81kg)

Shipping Weight: 6.40 (2.91kg)

#### 30-Watt

7.38in H x 10.00in W x 10.40in D  
(18.75cm x 25.40cm x 26.42cm)

Weight: 5.00lbs (2.27kg)

Shipping Weight: 7.00 (3.18kg)

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## ARCHITECTS AND ENGINEERS

The \_\_\_-Watt SX-Series Paging Horn, model \_\_\_\_, shall consist of a high-efficiency re-entrant type horn, an integral 25/70/100 Volt line matching transformer with tap switch, a ball and socket type mounting base and a "C" clamp for mounting to beams. The SX15-T is a 15-Watt horn and the SX30-T is a 30-Watt horn.

The frequency response of the SX-Series Horns shall be 300 Hz to 10 kHz. The continuous power rating of the horn shall be \_\_\_\_\_ Watts. Dispersion shall be 120° horizontal and 90° vertical. Sound pressure level with a 1-Watt input shall be 109 dB measured at 4 feet on axis.

The SX-Series Paging Horns shall be 25, 70, or 100 Volt operation and have a rotary tap switch to set the output level. The tap settings for SX15-T versions shall be 15, 7.5, 3.8 or 1.9 Watts. The tap settings for SX30-T versions shall be 30, 15, 7.5, 3.8 or 1.9 Watts.

The SX-Series Paging Horn may be used as a one-way or two-way (talkback) speaker. This functionality is determined by the equipment used to source audio to/from the speaker.

The SX-Series Paging Horn SX15-T/ SX30-T shall be constructed of ABS plastic and available in a beige, gray or white finish. Fading and streaking due to sunlight and rust shall be minimized by the use of ultra-violet inhibitors and stainless-steel hardware. The

SX-Series Paging Horns shall be equipped with a detachable base to allow removal for easy mounting. The mounting base shall be constructed of ultra-high impact polycarbonate plastic. A single knob shall be used to allow precise positioning in both the horizontal and vertical planes with a single adjustment. The shatter resistant universal base mounts to eight of the most popular electrical boxes. The SX-Series Paging Horn shall include a "C" clamp for mounting directly to metal beams.

The Marine Versions, SX15-TM/SX30-TM horns and mounting bases shall be constructed of high impact ASA plastic that resists deteriorating effects of salt, sun and high humidity.

The SX-Series Paging Horn shall be suitable for indoor/outdoor applications.

Maximum dimensions for the SX15-T (15-Watt) shall be: 6.50in H x 8.25in W x 9.25in D (16.51cm x 20.96cm x 23.50cm). Weight shall be approximately: 4.00lbs (1.81kg). Maximum dimensions for the SX30-T (30-Watt) shall be: 7.38in H x 10.00in W x 10.40in D (18.75cm x 25.40cm x 26.42cm) Weight shall be approximately: 5.00lbs (2.27kg).

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).