

## Description

Sigcom's SSP-15H Series signals are supervised high output loudspeakers for industrial signaling, alarm, and life safety applications. They are designed and approved for use in hazardous locations and are suitable for outdoor use.

SSP-15H Series loudspeakers come equipped with a compression driver providing up to 15 watts RMS power handling capability resulting in superior intelligibility and dispersion to achieve maximum sound projection and penetration. Each SSP-15H Series loudspeaker comes with a versatile 25/70.7 V line multi-tap transformer that meets a variety of distributed system needs. The multi-tap transformer is adjustable by means of a convenient seven-position watts/impedance selection switch that is screwdriver adjustable.

SSP-15H Series features an innovative mounting bracket that, with a single adjustment, provides precise positioning in both the vertical and horizontal planes. This also allows SSP-15H Series to be installed on conventional surfaces or strap-mounted to I-beams or pillars. Wiring terminals are protected with a vandal-resistant adapter cover. There is no need for a costly housing for the wiring connections in the speaker design.

## Applications

SSP-15H Series high output loudspeakers have been designed for high quality signaling in harsh environments with high ambient noise. They have been approved for indoor and outdoor use and are suitable for NEC Class I, Division 2, Groups A, B, C, and D; Class II, Division 2, Groups F and G; and Class III hazardous areas. They have been designed, tested, and approved for use in Type 3R applications.

Typical applications for SSP-15H Series include fire alarm, emergency warning, plant evacuation, process control, and public address signaling as well as voice evacuation and mass notification systems. SSP-15H Series loudspeakers are ideal for installation in facilities with flammable gases or vapors in the air, have the presence of combustible dust, or contain easily ignitable fibers or flying's. Examples include petroleum refineries, gasoline storage and dispensing areas, aircraft hangars, grain elevators, plants that manufacture plastics, coal plants, and textile mills.

SSP-15H Series loudspeakers meet or exceed the UL Listed standards for audible signal appliances. Approvals include UL Standard 1480 - Speakers for Fire Protective Signaling Systems.



## Features

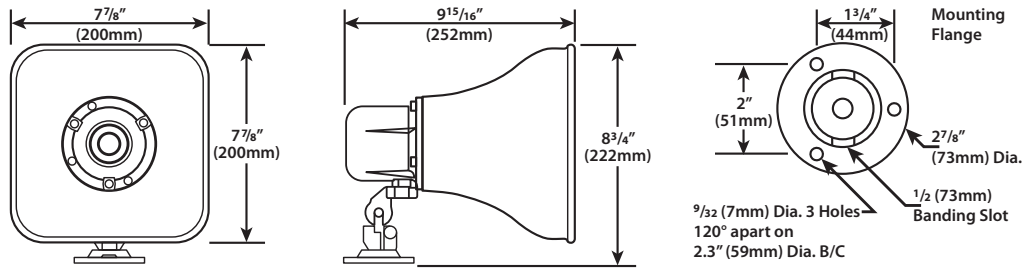
- UL Listed for Class I, Division 2, Groups A, B, C, and D; Class II, Division 2, Groups F and G; and Class III
- Innovative design eliminates costly housing for wiring connections
- Superior intelligibility for voice and tone signaling
- High-Efficiency, 15 Watt Compression Driver
- Built In multi-tap transformer for easy watts/impedance selection
- Operates on 25 V<sub>RMS</sub> or 70.7 V<sub>RMS</sub> signal lines
- Innovative surface mounting bracket for precise positioning across horizontal and vertical planes
- Durable environment-resistant metal construction for outdoor or indoor use
- SSP-15HG gray baked epoxy finish; SSP-15HR red baked epoxy finish

## Ordering Information

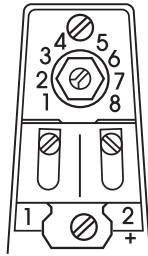
SSP-15HR	15-watt indoor/outdoor loudspeaker for use in hazardous areas, red
SSP-15HG	15-watt indoor/outdoor loudspeaker for use in hazardous areas, grey

# SSP-15H Series Multi-Purpose High Output Loudspeakers for Hazardous Locations

## Dimensions and Mounting



## Multi-Tap Wattage Selector Switch Settings



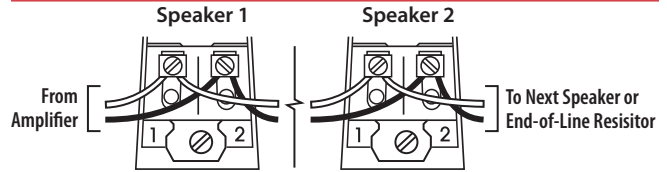
Switch Position	Impedance	25V Line	*dB at 10 Ft.	70V Line	*dB at 10 Ft.
1	5.0K	—		0.9W	93
2	2.5K	—		1.8W	96
3	1.3K	0.48 W	90	3.8W	98
4	666	0.94 W	93	7.5W	101
5	333	1.9 W	96	15.0W	103
6	89	7.5 W	101		
7	45	15.0 W	103		Do Not Use on 70V

\*UL3 dB Increment Rating

## Anechoic Measurements: 15 Watt tap @ 10 feet

Code-3 Tone	107.2 dBA
Slow Whoop	108.5 dBA
Siren	107.8 dBA

## Wiring Instructions



Wiring terminals are protected with vandal-resistant adapter cover - no need for a costly housing for the wiring connections

## Specifications

<b>Hazardous Location Rating</b>	Class I, Division 2, Groups A, B, C, and D, Class II, Division 2, Groups F and G, Class III
<b>Power Rating</b>	15 Watts RMS
<b>Frequency Response</b>	400 - 14,000 Hz
<b>Sensitivity</b>	120dB at 15 watts (peak) / 1 Meter 116dB at 15 watts / 1 Meter (avg) 500-6,000 Hz 106dB 1 Watt / 1 Meter (avg) 500-6,000 Hz
<b>Sensitivity (UL Rating)</b>	102 dB @ 15 Watts at 10 feet
<b>Capacitor Rating</b>	5 MFD
<b>Dispersion Angle</b>	70 degrees
<b>Conduit</b>	1/2" connection
<b>Sound Level</b>	103 dB (UL 10' Rating)
<b>Operating Environment</b>	All models meet or exceed the UL Listed standards for audible signal appliances and are capable of operating within an ambient temperature range of 66°C (150°F) to -35°C (-30°F).
<b>Listings</b>	UL 1480



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