



SSP-15 Series Multi-Purpose High Output Loudspeakers

Description

Sigcom's SSP-15 Series signals are supervised high output loudspeakers for industrial signaling and life safety applications. SSP-15 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-15 Series loudspeaker features a weather resistant construction with reentrant and acoustical path protection against water, humidity, vermin, and corrosion. SSP-15 Series features an innovative mounting bracket that, with a single adjustment, provides precise positioning in both the vertical and horizontal planes.

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

Applications

SSP-15 Series high output loudspeakers have been designed for high quality signaling in all types of environments. They incorporate high-efficiency compression drivers that project sound over long distances or wide areas with fewer loudspeakers. When used with compatible control equipment, they provide high-intelligibility voice reproduction and signal transmission for indoor or outdoor emergency alarm, protective signaling, life safety, and intercom system installations.

Typical applications for SSP-15 Series include fire alarm, emergency warning, plant evacuation, process control, and public address signaling as well as voice evacuation and mass notification systems. SSP-15 Series loudspeakers are ideal for installation in commercial buildings, distribution centers, factories, schools, public access areas, civic centers, gymnasiums, athletic fields, military bases, fire stations, and recreational facilities. They are suitable for installation on supervised circuits.



Features

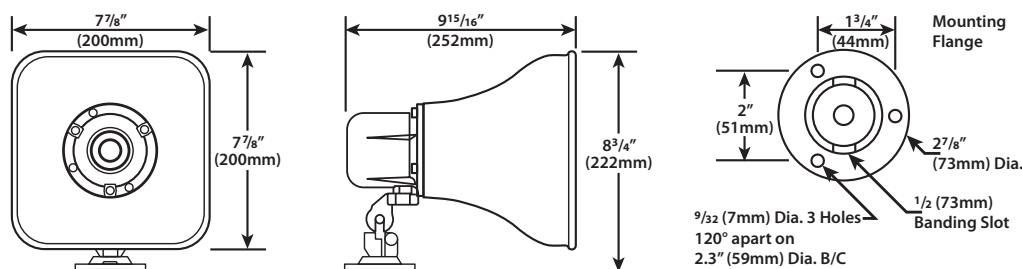
- Superior intelligibility for voice and tone signaling
- High-Efficiency, 15 Watt Compression Driver
- Built In multi-tap transformer for easy impedance selection
- User selectable audio line level 25 or 70 Vrms
- Suitable for installation on supervised circuits with built in 5 MFD capacitor
- UL listed for fire alarm signaling (UL Standard 1480)
- Innovative surface mounting bracket for precise positioning across horizontal and vertical planes
- Durable environment-resistant metal construction for outdoor or indoor use
- SSP-15G gray baked epoxy finish; SSP-15R red baked epoxy finish

Ordering Information

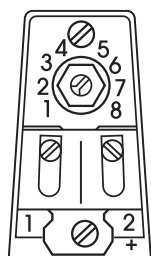
SSP-15R	15-watt indoor/outdoor loudspeaker, red
SSP-15G	15-watt indoor/outdoor loudspeaker, grey

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Dimensions and Mounting



Multi-Tap Wattage Selector Switch Settings



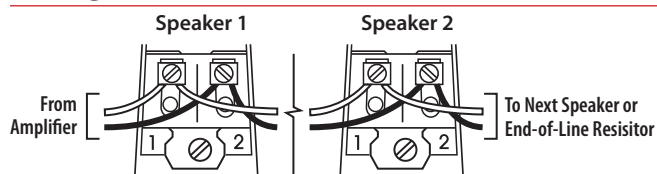
Switch Position	Impedance	25V Line	*dB at 10 Ft.	70V Line	*dB at 10 Ft.
1	5.0K	—		0.9W	93
2	2.5K	—		1.8W	96
3	1.3K	0.48 W	90	3.8W	98
4	666	0.94 W	93	7.5W	101
5	333	1.9 W	96	15.0W	103
6	89	7.5 W	101	Do Not Use on 70V	
7	45	15.0 W	103		

*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



Specifications

Power Rating	15 Watts RMS
Frequency Response	400 - 14,000 Hz
Sensitivity	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
Sensitivity (UL Rating)	102 dB @ 15 Watts at 10 feet
Capacitor Rating	5 MFD
Dispersion Angle	70 degrees
Conduit	1/2" connection
Sound Level	103 dB (UL 10' Rating)
Operating Environment	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).
Listings	UL 1480



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