

PRODUCT DESCRIPTION

Model WS15REN, SPEAKER ASSEMBLY

Part # 01-1461895-00
Doc. # 04-0113162-00

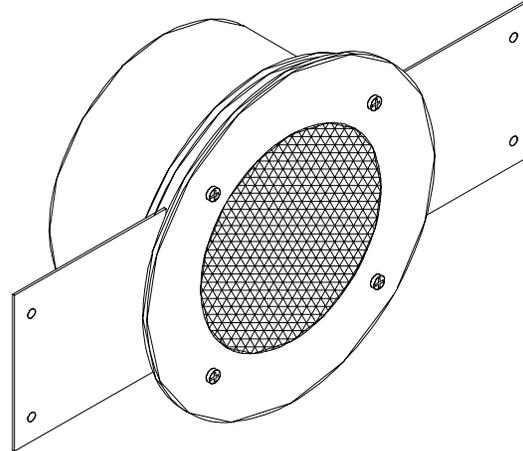
GENERAL-

Whelen Model WS15REN is a 15 watt speaker assembly intended for use in personnel warning applications, where interior, flush-mounted ceiling installation is required.

The speaker consists of all metal construction. All exposed metal parts are plated, to eliminate corrosion. The speaker incorporates a high efficiency double re-entrant loudspeaker.

The WS15REN comes with a round speaker grille, a round recessed enclosure and a mounting ring for 24" ceiling tile.

The speaker grille has a fine textured, white painted finish and includes four white mounting screws.



INSTALLATION-

The WS15REN is shipped fully assembled. It must be partially disassembled to install and wire.

Determine the location of the speaker, typically at the center of a 24" ceiling tile. Remove the ceiling tile. Cut a 10" circle in the center of the tile.

Remove the four white screws from the grille. Separate the speaker/grille assembly from the enclosure/mounting ring assembly. Locate the enclosure/mounting ring assembly on the ceiling grid. Remove one of the 1/2" knock outs.

Install a conduit clamp and route the speaker wire into the enclosure. Re-install the ceiling tile under the enclosure/mounting ring.

Connect the speaker cable to the speaker driver. Notice that the terminals are marked 1 and 2. Speaker connections are:

Speaker (+) wire to Terminal 1
Speaker (-) wire to Terminal 2

Re-install the speaker/grille assembly.

PIONEERS IN WARNING SIGNALS
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Dimensions of enclosure

Height: 8" (20.3 cm)
Diameter: 10.5" (26.7 cm)
Weight 3.5 lbs. (1.6 kg)

Performance

SPL: 15 W 115 dBA (at 4 ft., 500 Hz)
Dispersion: 180 °

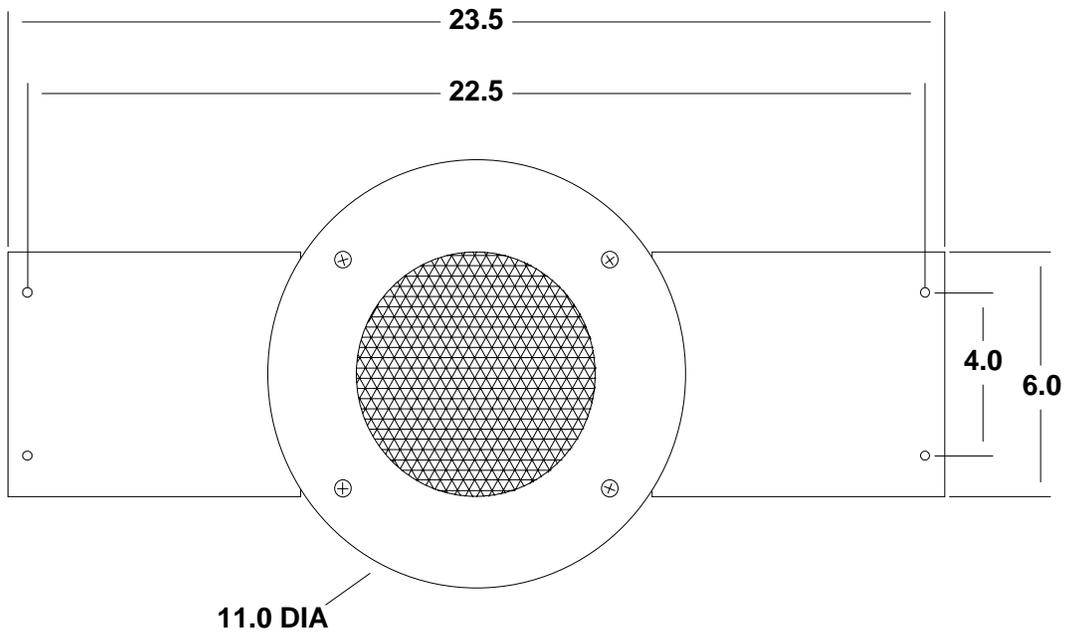
(see drawing below for mounting ring)

Dimensions of grille

Diameter: 11" (27.9 cm)
Height: .3" (.8 cm)

Finish

Grille: White, fine texture paint
Enclosure: Black



DIMENSIONS

- Notes:
- 1. Not for use in classified areas.
 - 2. SPL (Sound Pressure Level) readings are +/- 1 dBA.
 - 3. Measurement based on Whelen Amplifier 01-0285564-00C.