

Model No.

OS-150-TB

Two-Way Loudspeaker
(indoor or protected outdoor installation)

INCLUDES:

- 8-inch 150W driver
- 8 ohm / transformer selector switch
- Molded plastic enclosure
- Aluminum grille
- U-bracket

Adjustable U-bracket
for vertical or horizontal
installation



THIS LOUDSPEAKER is ideal for applications that require pattern control in indoor or protected (covered) outdoor installations. It features an 8-inch 150W two-way driver, 8 ohm transformer selector switch (25V, 70V, 100V), molded plastic enclosure, aluminum grille and U-bracket.

FEATURES

PERFORMANCE: This model is ideal for applications that require pattern control in indoor or protected outdoor installations.

DRIVER: Horn loaded compression driver controls high frequency dispersion for longer throws or systems that use live microphones.

- Woofer: 8-inch polymer-coated paper composite cone with cloth surround
- HF compression driver with titanium diaphragm, 1-inch voice coil and ferrite magnet.
- 150W power rating with 80° H x 80° V conical dispersion, frequency response of 65Hz-20kHz (±6dB) and average sensitivity of 91.0dB measured 1W/1M.

8OHM / TRANSFORMER SELECTOR SWITCH: Back of speaker has 8 ohm / transformer selector switch. The screwdriver-adjustable switch allows direct 8 ohm or distributed 25V, 70V or 100V tap positions.

- Tap positions for 25V line: 0.48, 0.94, 1.9, 3.8, or 7.5W
- Tap positions for 70V line: 3.8, 7.5, 15, 30, or 60W
- Tap positions for 100V line: 7.5, 15, 30, or 60W

ENCLOSURE: Talc-impregnated molded polypropylene enclosure is weather and UV-resistant. Black.

- The two screw terminals are protected by a weather-resistant terminal cover and rubber grommet, which can be removed if larger wire is used. Includes a knockout for

1/2-inch conduit connections.

- The 1/4-20 threaded insert mounting bolt pattern on the rear of the enclosure matches load-rated commercial mounting brackets made elsewhere (see Accessories).

GRILLE: Fine mesh powder-coated aluminum grille. Black.

U-BRACKET:

- Factory-installed bracket is weather-resistant, plated powder-coated steel. Black.
- Bracket can be installed vertically or horizontally
- 90 degree rotation

ACCESSORIES:

- The mounting bolt pattern on the enclosure matches load-rated mounting brackets made by others, such as Adaptive Technologies Group or Omnimount. Verify mounting bolt pattern alignment and weight load rating with bracket manufacturer before using it with this speaker.

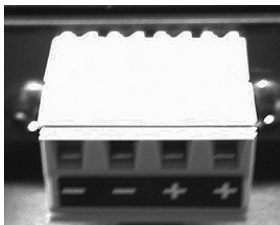
FEATURES



VERSATILE U-BRACKET INSTALLATION: The factory-mounted U-bracket has mounting slots to accommodate vertical or horizontal installations.



TERMINAL COVER: Incoming wire enters through the weather-resistant terminal cover and is protected by a rubber grommet. Maximum recommended wire size is 14AWG stranded. *Note: The grommet can be removed if larger wire sizes are used.*



PHOENIX-TYPE CONNECTOR: Wiring Connects to the four-conductor removable Phoenix-type connector. Parallel dual terminals (+/-) are provided to terminate incoming and outgoing wiring.



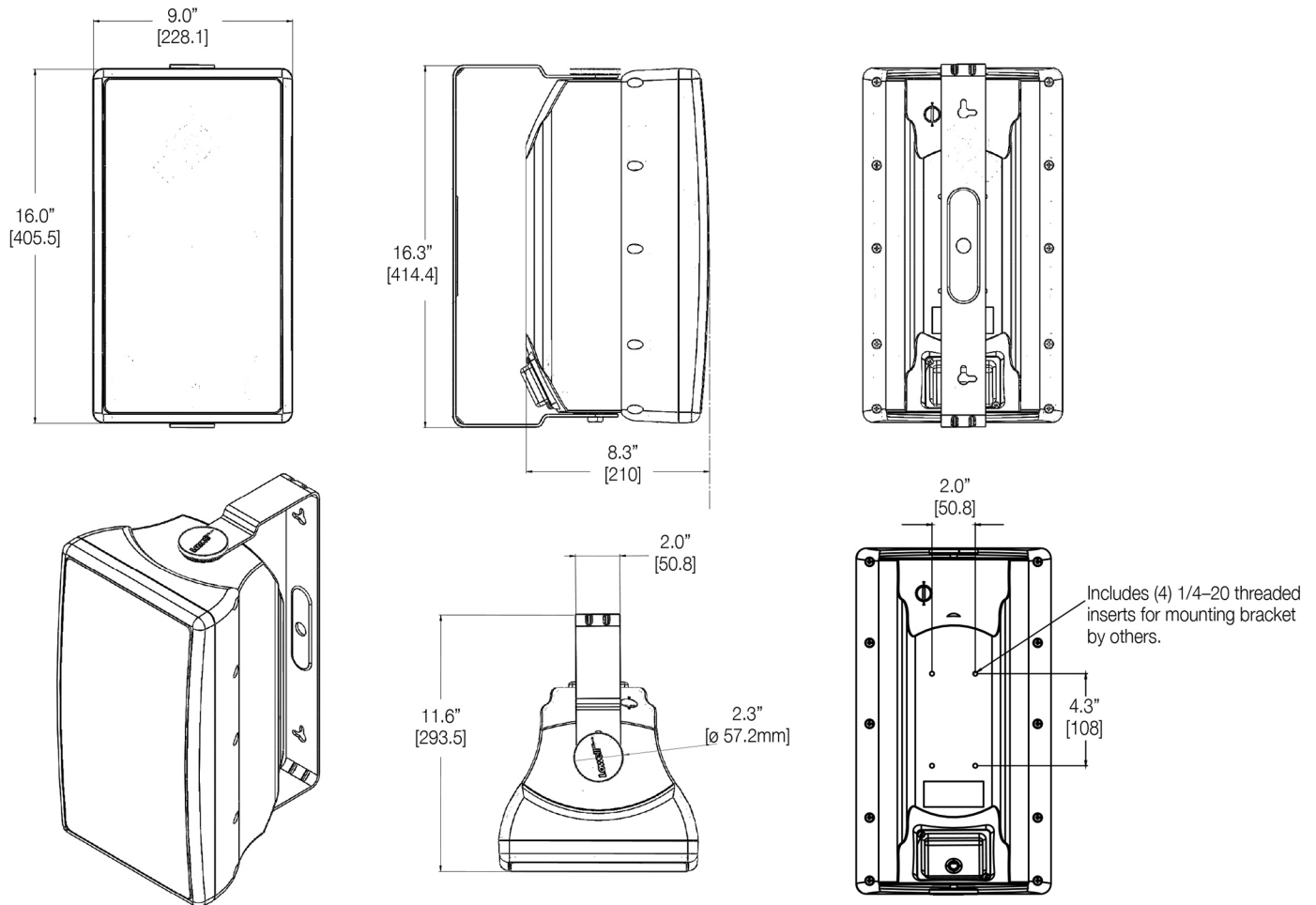
8 OHM / TRANSFORMER SELECTOR SWITCH: When the selector switch is in the 8 ohm position, the transformer is disconnected internally and the speaker power rating is 150W. When the switch is in position A-E, speaker power is determined by the driving voltage as shown in the table on the rear of the speaker.

Tap	25V line	70V line	100V line
A	7.5W	60W	Do Not Use
B	3.8W	30W	60W
C	1.9W	15W	30W
D	0.94W	7.5W	15W
E	0.48	3.8	7.5



TECHNICAL DRAWINGS

Dimensions are provided in inches [and mm].



SPL VS. FREQUENCY (1W/1M)

