

Bullet Horn Tweeter

Connect speaker wire from your audio system's matching negative output to the tweeter's unmarked negative (-) terminal.

(illus -- photo of product)

(illus -- simple connection diagram)

Your Optimus Bullet Horn Tweeter features a high quality piezo ceramic disc drive bimorph driver element. This ceramic driver replaces the traditional voice coil and magnetic structure, completely eliminating the most common causes of magnetic tweeter failure — distortion due to mechanical interference (such as dirt on the voice coil) and the voice coil interfering with the magnetic structure.

The tweeter requires no crossover network (crossover is optional) and no specific baffling, and can be used on most 4-, 8-, and 16- ohm speakers.

WIRING

Wire the tweeter to your audio system, then test the connections.

Connect speaker wire from one of your audio system's positive outputs to the tweeter's positive (+) terminal.

Cautions:

- Be sure all wiring is fully protected from sharp edges.
- Be sure the audio system is off when connecting any wires.
- Leave enough slack in the wires so they can reach the terminals easily.

MOUNTING

If you decide to mount the tweeter inside an enclosure, temporarily disconnect the tweeter while you mount it.

If necessary, cut a hole in the enclosure 3¹/₂ inches in diameter to accommodate the tweeter.

You need four 3/16-inch screws and four matching nuts (not supplied) to mount the tweeter inside an enclosure. Mount the tweeter from the outside, so its front edge is flush with the front of the mounting surface for proper sound dispersion.

Follow these steps to mount the tweeter.

(illus -- mounting diagram; use fractions for inch measurements)

1. Use the tweeter's mounting bracket as a template to mark the locations for the mounting holes.
2. Drill four 1/8-inch (3 mm) holes in the mounting locations.
3. Secure the bracket to the mounting location with the screws and nuts.

SPECIFICATIONS

Speaker Weight	3.97 oz (112.5 g)
Power Handling	75 Watts RMS
Maximum Power	150 Watts
Impedance	High (Piezo Driver)
Frequency Response	1.8–30 kHz
Sensitivity	93 dB

FREQUENCY RESPONSE

(illus -- frequency response curve)

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