



4" 2-WAY TRANSMISSION LINE TOWER SPEAKER PAIR

Model: MK442T User Manual



Thank you for purchasing the Dayton Audio® MK442T 4" 2-Way Transmission Line Tower Speaker Pair. These affordable tower speakers feature dual 4" woofers in a custom-tuned transmission line design enclosure. Please read the manual to discover how to get the most from your new speakers.

1) Parts Inventory

The MK442T speaker package includes the following items:

- 1 pair of Dayton Audio MK442T speakers

2) Speaker Placement

Because of their well-behaved off-axis response and excellent dispersion, your new Dayton Audio speakers are less critical to position than most loudspeakers. Often, simply placing them where they best fit into the decorating scheme is all that is necessary for exceptional performance.

If you would like to go through a more professional positioning exercise, the following information will help you achieve the maximum performance that your new MK442T speakers are capable of.

Carefully select a few recordings with simple arrangements and strong vocals by a single performer. Physically small sound sources localize much more precisely. Placement of horns, strings, vocals, and drums will snap into focus when the loudspeakers are optimally positioned.

Start with the speakers directly in front of your primary listening position. Avoid hard vertical edges within 3 or 4 feet of either side of the cabinet. Position the cabinets about 1-2 feet out from the wall. Listen to one of the selected recordings paying close attention to the positions of the instruments and vocalist. Move the speakers 6-12 inches at a time, returning to the listening position to evaluate the results. Once placement is optimized, the vocalist will be firmly positioned in front of the instruments and the instruments will seem to be between or behind the loudspeakers. If possible, position your speakers so that your ears are 10-12 feet from the tweeter in the primary listening position. Viewed from your seat, the angle between the speakers should be 30 to 60 degrees.

Pay special attention to the bass. The relation between bass response and room position is critical. Adjust the position of the speakers closer to or further away from nearby walls so that the bass levels are in proportion with the rest of the musical spectrum. The MK442T speakers may be placed directly against walls, but if there is too much bass, move the speaker away from the rear wall.

3) Speaker Connection

Use good quality wire for the connection between your speakers and amplifier. For long runs, heavier wire should be used. For proper performance the speakers must be “phased” correctly. To insure proper phasing, connect the red speaker terminals to the red amplifier terminals and the black speaker terminals to the black amplifier terminals. All two-conductor wire is marked in some way to help you do this.

4) Caring For Your Speakers

Clean your speakers with a damp, lint-free cloth. The grills may be vacuumed (with brush attachment) or gently tapped or brushed to remove dust and debris. It is recommended to leave the removable grills in place during use.

POWER RATING NOTE: Almost any speaker can be used with almost any amplifier. Conversely, almost any speaker can be damaged by almost any amplifier-despite either unit’s power rating. The published power rating is accurate only if the volume level is never set above the point of audible distortion. Distortion is an indication that the amplifier or loudspeaker is operating beyond its design limits, and damage may occur – often within seconds. If you hear distortion, immediately reduce the volume. The MK442T is designed to be used with stereo equipment rated from 5 to 150 watts and from 4 to 8 ohms impedance.

Dayton Audio MK442T loudspeakers are designed to reproduce music and speech in a home environment at moderate volume levels. When used within their limits Dayton Audio MK442T loudspeakers will provide many years of audio performance.

SPECIFICATIONS:

Model number:	MK442T
Description:	2-Way Dual 4" Transmission Line Tower Speaker
Woofers:	Dual 4"
Tweeter:	3/4" soft dome
Enclosure type:	Quarter wave transmission line
Finish:	Black textured vinyl
Power handling:	80 watts RMS, 160 watts max
Impedance:	4 ohms
Response:	40-20,000 Hz
Sensitivity:	87 dB 1W/1m
Crossover:	3,000 Hz
Terminals:	5-way binding posts
Dimensions:	5.7" W X 9.6" D X 38.1" H Depth includes grill*

* Grill is removable, acoustically-transparent cloth

WARNING: This product may contain a chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

5-Year Limited Warranty

See daytonaudio.com for details



daytonaudio.com
tel + 937.743.8248
info@daytonaudio.com

705 Pleasant Valley Dr.
Springboro, OH 45066
USA

