



PRODUCT SPECIFICATION SHEET

TW-25

28 mm ULTRA HIGH ENERGY SOFT DOME TWEETER SYSTEM

Dear Customer,

Congratulations on your purchase of a RE AUDIO Loud-speaker System. RE Audio engineers have designed the TW-25 to perform as near to perfect as can be expected. Expect ultra-high performance from cutting-edge technologies that enable the widest possible dynamic range with the most linear frequency response possible. The TW-25 is thermally protected and is supplied with a high-efficiency 12db crossover utilizing high-grade mylar capacitors.

Some consideration before attempting the installation:

FOR MAXIMUM PERFORMANCE OF THIS RE AUDIO PRODUCT, WE RECOMMEND YOU TO HAVE YOUR NEW TW-25 TWEETER SYSTEM INSTALLED BY AN AUTHORIZED RE AUDIO DEALER / INSTALLER!

PACKAGE CONTENTS

- (2) TW-25 Soft Dome Tweeters
- (1) Mounting Accessories Set
- (2) TPM-25 Tweeter Protection Modules

TECHNICAL DESIGN FEATURES

- 28 mm Soft Dome Tweeter
- 4 ohm Nominal Impedance
- 28mm Oxygen-free Pure Copper Voice Coil
- Hexatech Aluminum Voice Coil Former
- UV -treated Open Weave Silk Dome Diaphragm
- Low-viscosity Ferro-fluid Cooling
- Highest Grade Neodymium Magnet
- Low Resonance Frequency (1500 Hz)
- Custom Back Wave Canceling CNC Aluminum Enclosure
- Wave Guide Front Baffle for Optimal Dispersion

CROSSOVER FEATURES

- High Grade Mylar Capacitors
- Unique Automatic Thermal Protection
- High Grade Ferrite Core Induction for Low Loss
- Durable PVC Enclosure

TECHNICAL SPECIFICATIONS

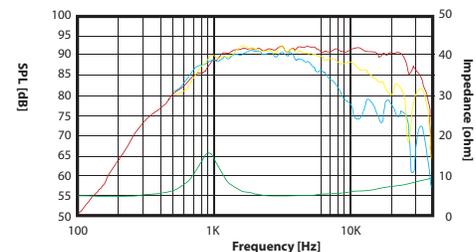
TWEETER MODEL	TW-25
Nominal Diameter	1.1" / 28 mm
Nominal Impedance	4 ohms
Frequency Response	1500 ~ 20,000 Hz ± 2 dB
Resonance Frequency	1500 Hz
Sensitivity	92 dB
Peak Power Handling	200 Watts*
RMS Power Handling	100 Watts*
Mounting Diameter	2" / 51 mm
Mounting Depth	1" / 25 mm

* When used with supplied TPM-25 modules.



TW-25

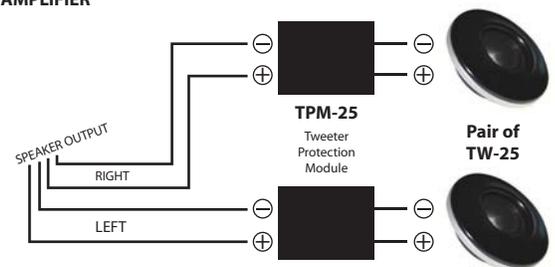
Actual Response Graph



The frequency responses above show measured free field sound pressure in 1, 30, and 60 degrees, mounted in a 0.6m by 0.8m baffle. Input 2.83 Vrms, microphone distance 0.5m, normalized to SPL 1m. The impedance is measured without baffle using a 2V sine signal.

RECOMMENDED WIRING DIAGRAM FOR TW-25 PAIR AND FULL RANGE STEREO AMPLIFIER

FULL RANGE STEREO AMPLIFIER



LIMITED WARRANTY

RE AUDIO warrants this TW-25 soft dome tweeter set to be free of defects in materials and workmanship for one year from the date of purchase. This is contingent upon being properly installed and approved by an Authorized RE AUDIO dealer.

Abuse of this speaker system due to excessive amplifier power, improper installation, amplifier clipping or physical damage is not covered under warranty.