RP-500M II

Klipsch REFERENCE PREMIERE

90° X 90° SILICON COMPOSITE HYBRID TRACTRIX HORN
Horn loading maximizes efficiently and increases detail while focusing high frequencies towards the listening area. Proprietary Tractrix® geometry provides the most efficient transfer of high frequency waves into the listening area. The phase plug and compressed molded silicon face ensure smooth frequency response. When combined, the cleanest, most natural sound possible is created. The second generation increases horn size for a larger soundstage and enhanced directivity.

LINEAR TRAVEL SUSPENSION (LTS) TITANIUM DIAPHRAGM TWEETER
The exclusive Linear Travel Suspension minimizes distortion for enhanced, detailed performance. LTS tweeters are a hallmark of previous Reference lines, making it a core component of some of the best speakers in the world.

VENTED TWEETER DESIGN
The vented tweeter housing reduces standing waves that create unwanted harmonics, resulting in enhanced detail and clarity in high frequency reproduction.

CERAMETALLIC WOOFERS – ALL NEW DESIGN
A signature feature on the Reference Premiere series, Cerametallic™ woofers are exceptionally rigid and lightweight for minimal distortion and maximum efficiency. New voice coils are 70% larger in diameter resulting in improved power handling and greater cone control for greater linearity and flawless reproduction. New aluminum shorting rings reduce distortion as well as increased power handling and the new motor structure improve transit response with more control with greater speed and accuracy.

TRACTRIX PORTS
Utilizing Tractrix geometry, the Reference Premiere ports allow for the most efficient, fastest air transfer from the cabinet, which reduces port noise for punchier low frequencies. Klipsch Tractrix ports have custom designed inner flares that help reduce air turbulence entering the port. Less turbulent air helps reduce port noise for cleaner, more powerful bass.

NEW AND IMPROVED INPUT PANEL
Featuring audiophile-grade wire and easily accessible aluminum binding posts for any connection type.

FURNITURE GRADE MATERIALS AND FINISHES
Finishes include ebony vinyl and walnut vinyl that boast satin painted baffles with a scratch resistant finish.

STRONG, FLEXIBLE, REMOVABLE GRILLE
Attaches magnetically for an elegant transition from powerful showstopper to discrete performance piece.

CORK PADS
Cork pads replace rubber bumpers for security on a stand or table.



SPECIFICATIONS

FREQUENCY RESPONSE	50-25kHz +/- 3dB
SENSITIVITY*	92dB @ 2.83V / 1m*
POWER HANDLING (CONT/PEAK)	75W/300W
NOMINAL IMPEDANCE	8 Ohms Compatible
CROSSOVER FREQUENCY	1530Hz
HIGH FREQUENCY DRIVER	1" Titanium LTS Vented Tweeter with Hybrid Cross-Section Expanded Tractrix® Horn
LOW FREQUENCY DRIVER	5.25" Cerametallic Cone Woofer with Faraday rings
ENCLOSURE MATERIAL	MDF (Internally Braced)
ENCLOSURE TYPE	Bass Reflex via rear-firing Tractrix® Port
INPUTS	Single aluminum binding posts
HEIGHT INCHES (MM)	13.56" (34.4 cm)
WIDTH INCHES (MM)	6.81" (17.3 cm)
DEPTH INCHES (MM)	10.65" (27.0 cm)
PRODUCT WEIGHT LBS (KG)	13.1lb (5.95kg)
FINISH	Ebony, Walnut

*SPL at 1M, half-space anechoic with 2.83V input, in-room sensitivity

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