

RP-502S



SPECIFICATIONS

FREQUENCY RESPONSE	58-25kHz +/- 3dB
SENSITIVITY	95dB @ 2.83V / 1m
POWER HANDLING (CONT/PEAK)	100W/400W
NOMINAL IMPEDANCE	8 Ohms Compatible
CROSSOVER FREQUENCY	1400Hz
HIGH FREQUENCY DRIVER	1" Titanium LTS Vented Tweeter with Hybrid Cross-Section Tractrix® Horn
LOW FREQUENCY DRIVER	Dual 5.25" Cerametallic Woofers
ENCLOSURE MATERIAL	MDF
ENCLOSURE TYPE	Sealed
INPUTS	Single Binding Posts
HEIGHT	13.85" (35.2 cm)
WIDTH	11.88" (30.2 cm)
DEPTH	7.49" (19 cm)
WEIGHT	16 lb (7.3 kg)
FINISH	Ebony, Walnut, Piano Black
ACCESSORIES	Rubber Feet (8)
BUILT FROM	2018

90° x 90° SILICON COMPOSITE HYBRID TRACTRIX® HORN

Horn loading maximizes efficiency 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.

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

SPUN COPPER CERAMETALLIC WOOFERS

A signature feature on the Reference Premiere series, Cerametallic™ woofers are exceptionally rigid and lightweight for minimal distortion and maximum efficiency. When paired with the Tractrix horn-loaded LTS tweeter, it provides the highest speaker efficiency in its class.

WIDE DISPERSION SURROUND TECHNOLOGY

As the cornerstone of every Klipsch surround speaker, proprietary Wide Dispersion Surround Technology (WDST) provides astounding sonic detail - for lifelike, cinematic sound in any room, even with less-than-ideal placement configurations.

FURNITURE GRADE MATERIALS AND FINISHES

Finishes include ebony vinyl, walnut vinyl and piano gloss. Ebony and walnut models boast satin painted top cap with a scratch resistant finish, while the premium piano gloss cabinet is hand-sanded for a clear, mirror-like finish. The mirror-life piano gloss finish is seamless due to the meticulous hand sanded and hand polished process.

STRONG, FLEXIBLE, REMOVABLE GRILLE

Attaches magnetically for an elegant transition from powerful showstopper to discrete performance piece.

DRAMATIC DETAILS

Copper anodized trim rings, cast aluminum feet, satin painted baffles and a laser etched logo treatment give the Reference Premiere II series a modern, premium look.