RP-8000F 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 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.

BI-WIRING / BI-AMPING CAPABILITY
Dual input terminals for bi-wiring / bi-amping capabilities. Bi-wiring separates high and low frequency current into separate speaker cables, reducing intermodulation distortion, for clearer midrange. Bi-amping allows for customization using outboard crossovers when using separate amplifiers.

ADVANCED CABINET DESIGN
Additional bracing and a divided cabinet have been added to minimize cabinet resonances and vibration, for the utmost transparency and clarity.

REFINED ATMOS CONNECTIONS
Upgrading to Dolby Atmos is extremely easy with the simple and hidden connections located on the back of the speakers. These refined connections reduce the amount of wire seen and hold them in place for better wire management.

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.

CAST ALUMINUM FEET
Provides a more modern look with less resonance than MDF or ABS plastic. It is mechanically designed to minimize surface area in contact with floor, decoupling the speaker for faster, tighter low frequencies and more detail.

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

SPECIFICATIONS

FREQUENCY RESPONSE	35-25kHz +/- 3dB
SENSITIVITY*	98dB @ 2.83V / 1m*
POWER HANDLING (CONT/PEAK)	150W / 600W
NOMINAL IMPEDANCE	8 Ohms Compatible
CROSSOVER FREQUENCY	1630Hz
HIGH FREQUENCY DRIVER	1" Titanium LTS Vented Tweeter with Hybrid Cross-Section Expanded Tractrix® Horn
LOW FREQUENCY DRIVER	Dual 8" Cerametallic Cone Woofers with Faraday rings
ENCLOSURE MATERIAL	MDF (Internally Braced)
ENCLOSURE TYPE	Bass Reflex via dual chamber rear-firing Tractrix® Ports
INPUTS	Dual aluminum binding posts / bi-wire / bi-amp with Dolby Atmos® passthrough
HEIGHT INCHES (MM)	43.10" (109.5 cm)
WIDTH INCHES (MM)	10.84" (27.5 cm)
DEPTH INCHES (MM)	18.25" (46.3 cm)
PRODUCT WEIGHT LBS (KG)	61.4lb (27.85kg)
FINISH	Ebony, Walnut

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

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