

RP-5000F II

Klipsch
REFERENCE
PREMIERE

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. 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 transient 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

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|----------------------------|----------------------------------------------------------------------------------|
| FREQUENCY RESPONSE | 40-25kHz +/- 3dB |
| SENSITIVITY* | 95dB @ 2.83V / 1m* |
| POWER HANDLING (CONT/PEAK) | 100W / 400W |
| NOMINAL IMPEDANCE | 8 Ohms Compatible |
| CROSSOVER FREQUENCY | 1900Hz |
| HIGH FREQUENCY DRIVER | 1" Titanium LTS Vented Tweeter with Hybrid Cross-Section Expanded Tractrix® Horn |
| LOW FREQUENCY DRIVER | Dual 5.25" 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) | 36.10 (91.7 cm) |
| WIDTH INCHES (MM) | 8.15" (20.7 cm) |
| DEPTH INCHES (MM) | 14.75" (37.5 cm) |
| PRODUCT WEIGHT LBS (KG) | 38.6lb (17.55kg) |
| FINISH | Ebony, Walnut |

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