RP-8000F

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.

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.

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.

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

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.

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.