The Architectural Loudspeaker: *Preference*®

Certain fine loudspeakers in the audio industry become *benchmarks* of sound quality or *reference* standards by which authoritative industry experts judge all others.

Preference® architectural loudspeakers are the new mark of excellence.

You will find no greater value.

Today's ***Preference***® *for Music and Home Theater*

Utilizing the very finest driver materials, crossover & baffle designs and without question, the industry's most secure mounting system, ***Preference***® from OEM Systems represents the culmination of nearly 20 years experience in manufacturing In-Wall loudspeakers for our customers. Many of these customers are legacy loudspeaker manufacturers who turn to us for the expertise they require in the highly competitive In-Wall loudspeaker arena.

Audiophile  *Videophile*

Reference Standard Architectural Monitor Loudspeakers

Every ***Preference***® model loudspeaker is "timbre-matched" ensuring sonic uniformity throughout the line. This means all models have been carefully engineered to have a family sound; this is also referred to as "voice matching".

As special effects from movie soundtracks move about the room, timbre-matching ensures a consistent tonal balance throughout the sound space. This creates that convincingly realistic three-dimensional spatial image, which completely absorbs the viewers into the cinematic experience.

A home theater system may now consist of various loudspeaker sizes and shapes as dictated by room décor and layout, all the while delivering a seamless, transparent and coherent sound space.

Instrument Photo Credits:

Cello - Brobst Violin Shop – www.brobstviolins.com
Piano - Kawai America Corporation – www.kawaius.com
Tympani - American Drum Manufacturing – www.americandrum-w-light.com

16:9 HDTV Monitor

The ***Preference***® Accurate Imaging Baffles (AIB) utilize a ribbed design, which contribute strength and rigidity factors to the baffle, thereby simultaneously eliminating "baffle flexure" and the "early reflections" from the drivers, which smear the three-dimensional acoustic imaging of In-Wall loudspeakers. Baffle mounted Midrange and High Frequency level switches provide tonal adjustments to compensate for sonic differences due to room acoustics and varying loudspeaker locations.

K-5LCR: Orient vertically or horizontally
Left - Center - Right - Surround / All Channel Loudspeaker

Features:

- AIB ribbed baffle design
- Kevlar® long throw woofer cones with butyl rubber surrounds
- Kapton voice coil formers
- Phase plug pole piece extensions
- Tetoron® soft dome pivoting tweeters
- Baffle mounted mid & high frequency acoustic compensation / EQ switches
- High-grade crossovers
- Polyswitch overdrive protection
- IR knockouts on rectangular models
- Proven mounting system
- The K-6LCRS & K-8LCRS ***15 Degree Angle*** enables significantly enhanced cinematic sound imaging when room layouts dictate ceiling mounted loudspeakers for front and/or rear - surround channels

K-602

6-1/2" 2-way rectangular
Frequency response: 42 Hz - 21kHz ± 3 dB
Power handling: 50 watts nom. 100 max.
Sensitivity: 90dB 1 watt / 1 meter
8 ohm nominal
Overall dimensions: 9-1/16" W x 12-3/4" H
Cut-out: 8" W x 11-3/4" H x 3-1/4" deep
Pre-construction bracket: **RIB-62**

K-802

8" 2-way rectangular
Frequency response: 35 Hz - 21kHz ± 3 dB
Power handling: 60 watts nom. 120 max.
Sensitivity: 91dB 1 watt / 1 meter
8 ohm nominal
Overall dimensions: 10-1/2" W x 14-1/2" H
Cut-out: 9" W x 13" H x 3-1/4" deep
Pre-construction bracket: **RIB-82**
Pre-const. bracket *with* Vapor Dome: **VPD-82**

K-5LCR

Dual 5-1/4" 2-way rectangular
Center / All Channel LCR
Frequency response: 45 Hz - 21kHz ± 3 dB
Power handling: 50 watts nom. 100 max.
Sensitivity: 90dB 1 watt / 1 meter
8 ohm nominal
Overall dimensions: 9" x 15-3/4"
Cut-out: 7-7/8" x 14-7/16" x 3-1/2" deep
Pre-construction bracket: **RIB-LCR**

Magnetically Shielded

5.1, 6.1 & 7.1 Home Theater Systems
Specially designed for use in
left, center, right & surround loudspeaker
positions of home theater systems.

Orient vertically or horizontally

P-1200

Freestanding 12" 300 Watt
Powered Subwoofer
EXTRA LONG-THROW Driver
Twin Ports

Controls (Continuously variable):
Output Level: 0-300W
Frequency Response: 25Hz – 300Hz
Crossover Frequency: 40Hz – 120Hz
Phase: 0 – 180 degrees

Stereo Inputs:
Line Level, LFE, Speaker Level

Overall dimension:
15-3/8" W x 17-5/16" H x 14-3/4" deep

Lifetime Limited Warranty

K-625d

6 -1/2" 2-way round ***Frameless***
Frequency response: 42 Hz - 21kHz ± 3 dB
Power handling: 50 watts nom. 100 max.
Sensitivity: 90dB 1 watt / 1 meter
8 ohm nominal
Overall dimension: 8-7/16" round
Cut-out: 7-1/4" round x 3-9/16" deep
Pre-construction bracket: **RIR-6**
Pre-const. bracket *with* Vapor Dome: **VPD-6**
Magnetically Attached All-Weather Grille
with Round and Square option

K-825d

8" 2-way round ***Frameless***
Frequency response: 35 Hz - 21kHz ± 3 dB
Power handling: 60 watts nom. 120 max.
Sensitivity: 91dB 1 watt / 1 meter
8 ohm nominal
Overall dimension: 9-7/8" round
Cut-out: 8-5/8" round x 4" deep
Pre-construction bracket: **RIR-8**
Pre-const. bracket *with* Vapor Dome: **VPD-8**
Magnetically Attached All-Weather Grille
with Round and Square option

K-62

6 -1/2" 2-way round ***Single Point Stereo***
Features two individual pivoting tweeters
Frequency response: 42 Hz - 21kHz ± 3 dB
Power handling: 50 watts nom. 100 max.
Sensitivity: 90dB 1 watt / 1 meter
8 ohm nominal
Overall dimension: 8-3/8" round
Cut-out: 7-3/8" round x 2-7/8" deep
Pre-construction bracket: **RIR-6**
Pre-const. bracket *with* Vapor Dome: **VPD-6**

K-82

8" 2-way round ***Single Point Stereo***
Features two individual pivoting tweeters
Frequency response: 35 Hz - 21kHz ± 3 dB
Power handling: 60 watts nom. 120 max.
Sensitivity: 91dB 1 watt / 1 meter
8 ohm nominal
Overall dimension: 9-3/4" round
Cut-out: 8-5/8" round x 3-3/8" deep
Pre-construction bracket: **RIR-8**
Pre-const. bracket *with* Vapor Dome: **VPD-8**

K-6LCRS

6-1/2" 2-way round ***15 Degree Angled***
Frequency response: 42 Hz - 21kHz ± 3 dB
Power handling: 50 watts nom. 100 max.
Sensitivity: 91dB 1 watt / 1 meter
8 ohm nominal
Overall dimension: 10-3/4" round
Cut-out: 9-1/4" round x 5" deep
Pre-construction bracket: **RIR-615**

K-8LCRS

8" 2-way round ***15 Degree Angled***
Frequency response: 35 Hz - 21kHz ± 3 dB
Power handling: 60 watts nom. 120 max.
Sensitivity: 91dB 1 watt / 1 meter
8 ohm nominal
Overall dimension: 12-7/8" round
Cut-out: 11-1/2" round x 5-3/4" deep
Pre-construction bracket: **RIR-815**

Tetoron® Soft Dome Pivoting Tweeters

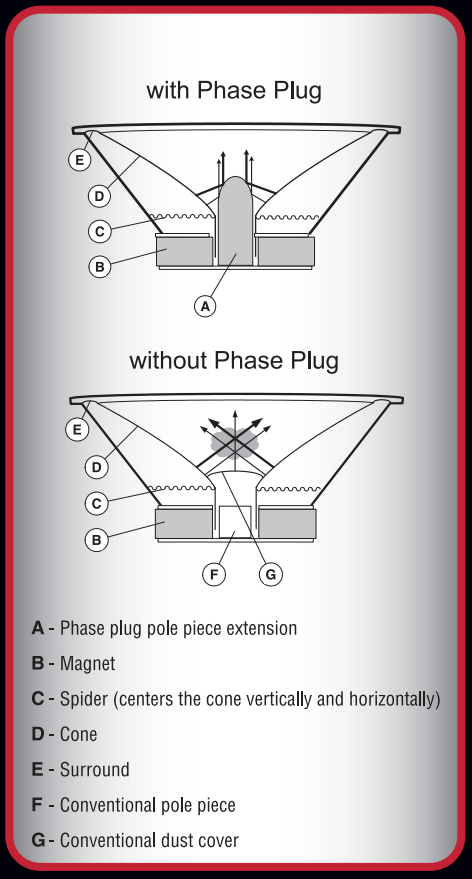
Tetoron® soft dome tweeters deliver natural, uncolored high frequency audio evenly over a wide dispersion pattern. Ferro Fluid is used in the voice coil gap to lubricate and cool it. This significantly increases power handling and improves transient response. The pivoting feature allows the already wide dispersion pattern to be aimed directly at the central seating/listening area delivering a seamless, transparent and coherent sound space.

Kevlar® Woofers

The strength of Kevlar® helps the cone retain its shape at very high energy levels and its low mass assures quick, accurate response. The cone's woven surface delivers smooth, uncolored mids. The kapton voice coil former and butyl rubber surround ensure that these woofers will provide years of consistent, reliable performance.

Baffle Mounted MF & HF EQ switches

Numerous factors affect loudspeaker sonic performance, such as placement and proximity to corners. Midrange and high frequency equalizer controls placed conveniently on the front of the loudspeaker baffle allow the user to adjust the high and middle frequency response of each loudspeaker to compensate for differences in environment and placement.



A - Phase plug pole piece extension

B - Magnet

C - Spider (centers the cone vertically and horizontally)

D - Cone

E - Surround

F - Conventional pole piece

G - Conventional dust cover

Phase Plug Technology

In any conventional loudspeaker, the highest frequencies of audio emanate from the area around the center of the cone and the lower frequencies are produced by the area of the cone that is farther from the center. In fact, the distance from the center at which a sound wave will come off a loudspeaker cone is directly related to its frequency. This helps explain why larger cone loudspeakers are usually capable of producing more bass.

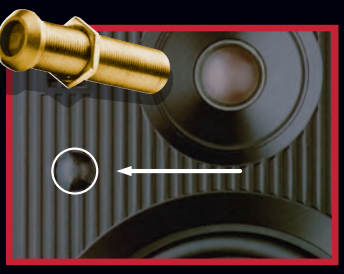
Due to the shape of the conventional loudspeaker cone, the higher frequency sound waves tend to collide at a focal point. This causes phase distortion and a loss in clarity. As a result, accuracy and transparency suffer. This also has detrimental effects on the realism of the sound environments created by today's high fidelity digital audio and surround sound systems.

The phase plug pole piece extension improves driver performance and clarity by deflecting delicate midrange audio out into the sound space and minimizing distortion producing collisions.

CEDIA®

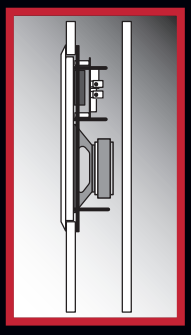
RoHS conform

OEM Systems Company, Inc.
(775) 355-0405 ✦ Fax: (775) 355-0646
www.preference-audio.com ✦ *info@preference-audio.com*



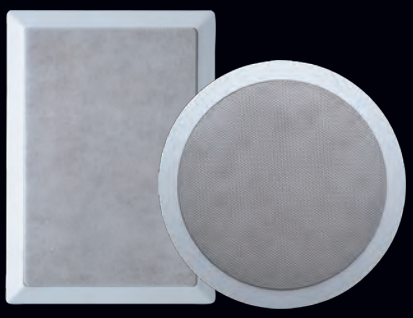
IR Receiver Knockouts

The K-602, K-802 and K-5LCR rectangular in-wall loudspeakers feature a mounting provision for a remote control signal receiver behind the loudspeaker grille. This allows discrete integration with an infrared receiver/repeater system. These systems work with your standard IR remote controls to allow command of your entire system from any equipped room in your house.



Clamp-Ring Mounting

Our rectangular in-wall models utilize a clamp-ring mounting system which maximizes clamping surface. By distributing the clamping force over a larger surface area, the pressure on your sheet rock is reduced while the overall mounting strength is increased. The mounting ring comes pre-assembled to the loudspeaker frame dramatically reducing installation time.



Fine Mesh Grilles & Elegant Frames

The frames & grilles are factory finished in satin white, which will stand as a finish on its own or serve nicely as a primer base if painted to match or complement wall finish or room décor without the need for any additional preparation.

Spun cellulose grille inserts provide sonic transparency yet visual opacity so the individual driver components are not visible through the grille.