

XRT28
Loudspeaker
System



“its shape actually enhances the sound while presenting a sleek appearance”

The XRT28 bears little resemblance to other speakers. Tall, slender and shallow, its shape actually enhances the sound while presenting a sleek appearance. Its narrow frontal area improves imaging and minimizes reflections off the front baffle.

By dividing incoming power among many drivers, power handling skyrockets while distortion plummets. Each XRT28 combines 16 tweeters and 20 midrange drivers, all arranged in 3 parallel columns, together with 2 powerful woofers which result in a full-range system capable of effortlessly handling 1200 Watts.

The use of sealed midrange drivers and tweeters allows the entire volume of the extruded aluminum enclosure to be utilized by the woofers resulting in clean, tight, non-resonant bass response down to an amazing 16Hz.

Additionally, all drivers in the XRT28 are magnetically shielded to prevent video interference and enable them to be positioned next to a television or video monitor.

Patented “LD/HP” Technology
Ultra-Low Distortion Reproduction
High-Efficiency Design
High Power Handling
Superior Imaging
Extruded Aluminum Column Housing
Shielded Magnetic Fields
Three Pairs of Gold Plated Binding Posts
Extended Excursion Woofers and Midranges
Driver Compliment (per side)
2 Woofers
20 Midranges
16 Tweeters

A Tradition of Excellence



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XRT28 Loudspeaker System

HOME THEATER AND MORE

Many of today's speakers are designed only for home theater. Not so with the XRT28 Loudspeaker System, designed also for the flawless reproduction of music.

While the explosions, screams and crashes so common in today's movies require wide dynamic range and high sound pressure levels, they are so masked with noise that even a speaker with moderate distortion can reproduce them with little audible distinction.

Music, however, while sometimes dynamic is always harmonious. Accurate reproduction of music demands the lowest levels of both harmonic and intermodulation distortion.

Each driver and crossover component in the XRT28 has been carefully designed for low distortion to ensure that the system could reproduce everything accurately, from bombastic sound effects to the delicate nuances and detail in music.

A DECORATORS DREAM

No matter how great the sound, a great speaker should not conflict with the style or décor of the room. The XRT28's small footprint and tall slender design occupy little space. In addition, three choices of wood finish allow you the option to blend the loudspeaker into virtually any room design.

EXTRUDED ALUMINUM ENCLOSURE

An extruded aluminum enclosure with solid aluminum end plates forms the body of the column. This creates an extremely strong and durable enclosure.

GOLD PLATED BINDING POSTS

Three pairs of gold plated binding posts allow for bi-amping or tri-amping. Gold plating is chosen because of superior corrosion resistance.

PATENTED LD/HP TECHNOLOGY

The McIntosh drivers, woofers and midranges feature the patented LD/HP motor structure. This design uses aluminum shorting rings at both ends of the pole piece to extend and linearize the magnetic field around the voice coil. Distortion is reduced by 10dB or more.

SHIELDED MAGNETIC FIELD

The XRT28 may be used in home theater installations near a television receiver or monitor. Shielding around the drivers ensures that the speaker magnets will not interfere with the quality of the picture.

HIGH POWER HANDLING

Drivers and crossover components are chosen for high-power amplifiers up to 1200 watts for the complete system.

HIGH EFFICIENCY DRIVERS

Even the smallest McIntosh power amplifiers provide sound pressure levels in excess of 100dB at 1 meter.

THREE-WAY DESIGN

The design consists of sixteen 1" tweeters, twenty 4" midrange and two 10" woofers.

PERFORMANCE SPECIFICATIONS

System Type:
Sealed, 3-way

Impedance nominal:
4 ohms

**Total System
Woofers:**
(4) 10" Extended Excursion LD/HP

Midranges:
(40) 4" Extended Excursion LD/HP

Tweeters:
(32) 1" Soft Dome

Frequency Range:
16Hz – 20kHz

SPL, 2.8V/1m:
88dB

Crossover:
300Hz & 2kHz

Overall Dimensions (H x W x D):
76-1/8" (193cm) x
16-3/8" (41.6cm) x
16-3/8" (41.6cm)

Aluminum Surfaces:
Black satin powder coat

Trim:
Solid wood

Finish:
Natural Cherry, Red Cherry,
Black Ash

Grille:
Black, knit cloth

Weight (each):
Loudspeaker Column: 124 lbs.
(56.25kg) net, 146-1/2 lbs.
(66.6kg) boxed

Column Base: 15-1/2 lbs.
(7.03kg) net, 18 lbs.
(8.16kg) boxed

