

XRT30
Loudspeaker
System



**"accept nothing less
than pure sound ...
absolute acoustic fidelity"**

The XRT30 Loudspeaker System is for discerning listeners who appreciate and demand uncompromised performance.

Expanding on McIntosh's celebrated multi-cabinet system concept, the XRT30 inaugurates a new era of design and technological advancement. The sealed bass cabinets in the system each house two 12" long-throw woofers, resulting in bass performance that extends to an impressive 16Hz. Each column in the new design houses two columns of 15 4" extended excursion midrange drivers separated by a column of 25 1" soft-dome tweeters. The design of the three parallel columns of drivers in each column results in a symmetrical horizontal polar response for superior imaging, limits early floor and ceiling reflections and provides unequalled power handling capability.

The 4½" depth of the extruded aluminum housing in the new column design allows placement options that include on-wall or in-wall mounting in addition to the standard self-supporting pedestal.

Patented "LD/HP" Technology
Ultra-Low Distortion Reproduction
High-Efficiency 3-Way Design
High Power Handling
Superior Imaging
Extruded Aluminum Column Housing
Separate Bass Cabinets
Shielded Magnetic Fields
Gold Plated Binding Posts
Extended Excursion Woofers and Midranges
System Drivers (per side)
2 Woofers
30 Midranges
25 Tweeters
Symmetrical Polar Response

A Tradition of Excellence



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HOME THEATER AND MORE

Many of today's speakers are designed only for home theater. Not so with the XRT30 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, these sounds are so loaded with noise that even a speaker with moderate distortion can reproduce them with little audible distinction.

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

Each driver and crossover component in the XRT30 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.

EXTRUDED ALUMINUM CONSTRUCTION

An extruded aluminum channel with solid aluminum end plates forms the body of the column. This creates an extremely strong and durable enclosure. McIntosh black glass and solid wood trim pieces are added to the column and bass cabinet to enhance their appearance.

SIX PAIRS OF GOLD PLATED BINDING POSTS

Three pairs each are on the bass cabinet and the high frequency column. The connections can be configured for bi-amplification or tri-amplification. The high frequency column has options for mounting on a wall, in a wall or freestanding applications to optimize the sound for each location.

PATENTED LD/HP TECHNOLOGY

The McIntosh drivers, woofers and midranges feature the patented LD/HP motor structure. This design utilizes 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. These rings also increase voice coil heat dissipation and the power handling of the speaker.

SHIELDED MAGNETIC FIELD

Many of the XRT30s will be used in home theater installations on the left and right side of a television receiver or monitor. McIntosh has utilized Neodymium magnets and shielding around the magnetic structure of the XRT30 drivers. The speaker magnets will not interfere with picture quality.

LOW FREQUENCY BASS Crossover

Bass crossover frequency of 80Hz makes the placement of the bass cabinet in the room less critical.

MOUNTING FOOT OPTIONS

Both furniture glides and "Tiptoes" are provided. They adjust individually and have locking nuts to accommodate uneven floors.

HIGH POWER HANDLING

Drivers and crossover components are all chosen for use with high-power amplifiers, up to 1200 watts. Multiple drivers, 2 woofers, 30 midrange and 25 tweeters greatly increase the power handling of the system. Poly switches are put

in series with each section. They prevent possible damage from excessive power. Gold plated input terminals are chosen because of superior corrosion resistance.

HIGH EFFICIENCY DRIVERS

Current McIntosh power amplifiers will provide sound pressure levels in excess of 100dB at 1 meter.

PERFORMANCE SPECIFICATIONS

System Type

Sealed, 3-way

Impedance Nominal

4 Ohms

Magnetic Shielding

All drivers

Total System

Woofers: (4) 12" Extended Excursion LD/HP

Midrange: (60) 4" Extended Excursion LD/HP

Tweeters: (50) 1" Soft Dome

Anechoic Response:

16Hz - 20 kHz

SPL

2.8V/1m: 88dB

Crossover:

80 Hz & 1.7 kHz

Dimensions (H x W x D)

Bass Cabinet: 37 $\frac{3}{4}$ " x 20 $\frac{1}{4}$ " x 18 $\frac{5}{8}$ "

Column: 76 $\frac{1}{2}$ " x 16 $\frac{1}{2}$ " x 16 $\frac{1}{2}$ "
(includes attached base)

Column Surfaces

Aluminum: Black Satin

Powder Coat

Trim: Solid wood

Finish:

Natural Cherry, Red Cherry, Black Ash

Grille Material

Black Knit Cloth

Weight (each)

Bass cabinet: 192 lbs. net

Column: 82 lbs. net

