

XRT29 **Loudspeaker** **System**



**“for discerning listeners
who demand performance
without compromise”**

Designed for discerning listeners, the XRT29 Loudspeaker System delivers performance without compromise in virtually any listening environment. The shallow depth of the extruded aluminum column housing provides great flexibility in placement choices without sacrificing musical integrity. Optional self-supporting pedestals or structural in-wall installation kits are available in addition to the standard on-wall mounts.

Each XRT29 contains 30 – 4" extended excursion mid-range drivers and 25 – 1" soft-dome tweeters all arranged in three parallel columns. The design of the three parallel columns of speakers in each XRT29 results in a symmetrical horizontal polar response for superior imaging, limits early floor and ceiling reflections and provides unequalled power handling capability.

Engineered for performance, designed for versatility, the McIntosh XRT29 will enhance the enjoyment of the audio experience in both home theater and pure music systems.

Patented “LD/HP” Technology
Ultra-Low Distortion Reproduction
High Power Handling
Superior Imaging
Extruded Aluminum Column Housing
Shielded Magnetic Fields
Gold Plated Binding Posts
Driver Compliment (per side)
30 Midranges
25 Tweeters
Symmetrical Polar Response

A Tradition of Excellence



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XRT29 Loudspeaker System

HOME THEATER AND MORE

Many of today's speakers are designed only for home theater. Not so with the XRT29 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 has been carefully designed for low distortion to ensure that the system is able to reproduce all sounds accurately, from bombastic movie effects to the delicate nuances and detail in music.

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 woofers and midrange drivers feature a 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 XRT29 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.

TWO-WAY DESIGN

The design consists of twenty-five 1" tweeters, thirty 4" midrange drivers.

VERSATILE PLACEMENT

On-wall mounting brackets are supplied with the XRT29. The on-wall brackets allow for surface mounting on a wall or other flat surface. An optional in-wall mounting kit enables installation within a wall or other enclosure and optional base stands provide support for freestanding on the floor.

PERFORMANCE SPECIFICATIONS

System Type:

Sealed, 2-way

Impedance Nominal:

4 ohms

Magnetic Shielding:

All drivers

Total System

Midranges:

(60) 4" Extended
Excursion LD/HP

Tweeters:

(50) 1" Soft Dome

Frequency Range:

80 Hz – 20 kHz

SPL:

2.8V/1m: 88dB

Crossover:

1.7 kHz

Overall Dimensions (H x W x D):

75 1/4" (190.5cm) x 13 1/16"
(33cm) x 5 7/16" (12.7cm)

Column Surfaces

Aluminum:

Black Satin Powder Coat

Trim:

Solid Wood

Finishes:

Natural Cherry, Red Cherry,
Black Ash

Grille Material:

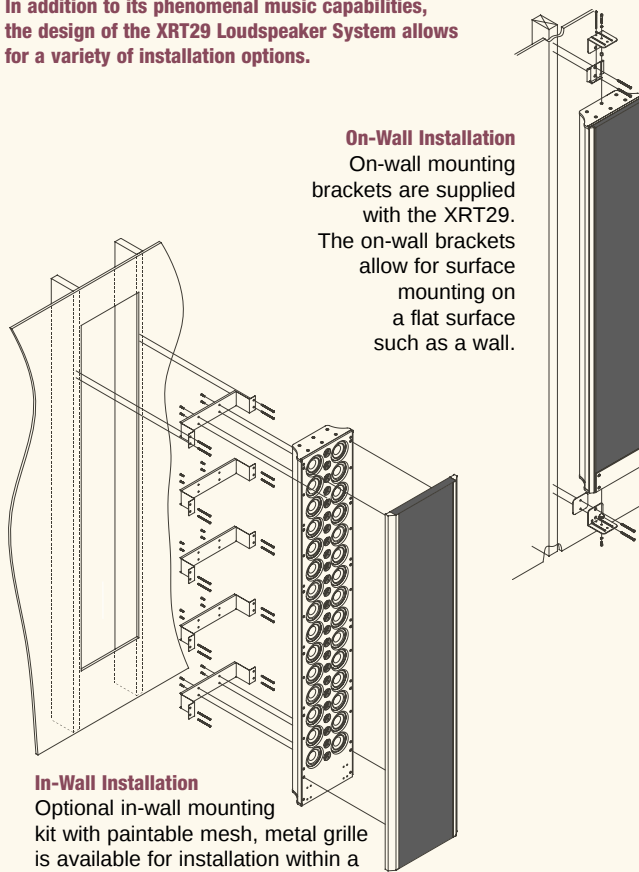
Black Knit Cloth

Weight (each):

82 lbs. (37.2kg) net
102 lbs. (46.2kg) boxed

ENGINEERED FOR PERFORMANCE, DESIGNED FOR VERSATILITY

In addition to its phenomenal music capabilities, the design of the XRT29 Loudspeaker System allows for a variety of installation options.



On-Wall Installation

On-wall mounting brackets are supplied with the XRT29. The on-wall brackets allow for surface mounting on a flat surface such as a wall.

In-Wall Installation

Optional in-wall mounting kit with paintable mesh, metal grille is available for installation within a flat surface such as a wall.

Not shown: Optional base stands for floor standing.