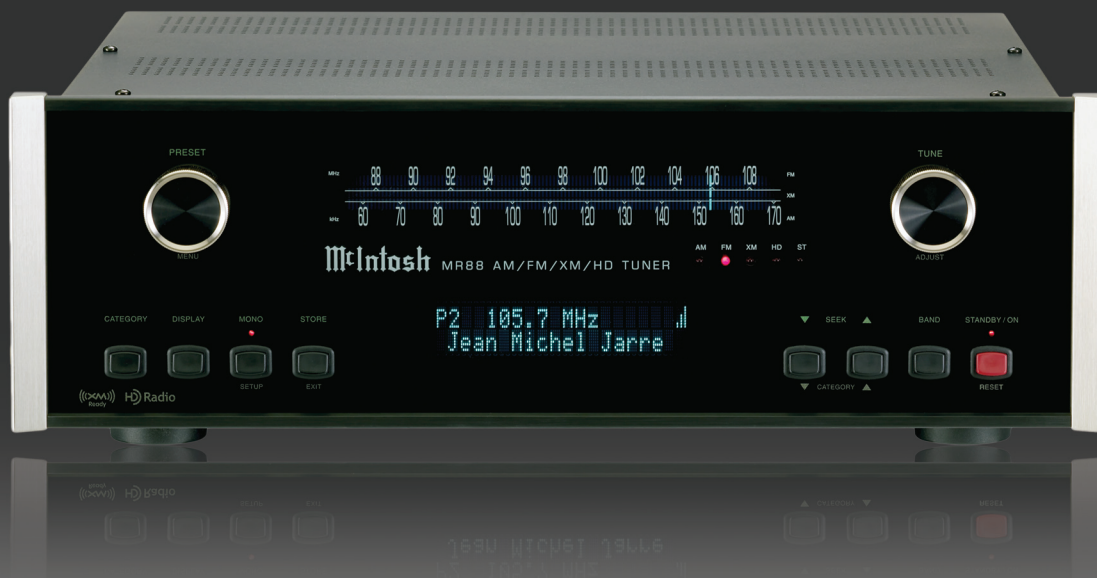


# MR88 AM/FM/XM/HD AUDIO TUNER



Great audio tuners are defined in part by their excellent ability to receive a wide range of signals. Recent developments in digital broadcast technology bring a broad array of listening choices before the consumer and force us to reexamine the standards by which audio tuners are judged. Enter the remarkable new MR88 AM/FM/XM/HD Audio Tuner from McIntosh. The McIntosh MR88 excels at receiving traditional AM and FM broadcasts and adds the power of HD Radio™ to produce startling fidelity with an expanded range of programming. With the capability to control a subscription based, outboard XM Satellite Radio Tuner (sold separately), the XM Ready® MR88 accesses the power of satellite radio to complete a palette of unprecedented choice for the consumer.

Typical of other fine-quality McIntosh audio components, the MR88 utilizes a linear power supply with a custom-wound R-Core transformer and nested regulation to insure optimum performance of all circuits. The MR88 analog audio output stage offers balanced and single-ended outputs. Coaxial and optical digital audio outputs are also provided.

A compelling combination of classic styling and modern digital amenities, the MR88 is equally at home in vacuum tube-based 2-channel stereo systems as well as home theater and multi-room systems. The two line multifunction fluorescent display indicates artist name; station call sign; music genre and song title. The Smooth Acting Weighted Tuning mechanism with Glass Dial and Illuminated Pointer recall the classic McIntosh tuner designs of the 60's and 70's, while a full complement of RS232 control with metadata support makes the MR88 the go-to multi-format broadcast audio source for today's whole-house systems.

*"...startling fidelity  
in an expanded range  
of programming"*

- AM/FM/XM/HD Radio
- Illuminated Analog Dial
- Two Line Multifunction Fluorescent Display
- Inverted Triple-Polished Stainless Steel Chassis
- 60 Station Presets (20 per band)
- Balanced and Single-Ended Analog Output
- Coaxial and Optical Digital Audio Output

## McIntosh®

LEGENDARY™



## SUPERB DIGITAL AM/FM/XM/HD TUNER

All-digital topology offers superior dynamic range for near-CD quality FM HD radio decoding.

## SMOOTH-ACTING, WEIGHTED TUNING MECHANISM WITH ANIMATED DIAL POINTER

The smooth flywheel spin of the tuning mechanism makes the MR88 fun to use.

## XM READY®

The great satellite radio programming you enjoy in the car, now playing on your McIntosh system. (XM Satellite Tuner and subscription sold separately.)

## FOR THE CONSUMER'S PROTECTION

In order to ensure the highest level of customer satisfaction, "new" McIntosh products may only be purchased over-the-counter or delivered and installed by an Authorized McIntosh Dealer.

McIntosh products that are purchased over the Internet, by phone or mail order are presumed to be "used" and do not qualify for any McIntosh Warranty. McIntosh does not warrant, in any way, products that are purchased from anyone who is not an Authorized Dealer or products that have had their serial number altered or defaced.

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HD Radio™ and the HD Radio logo are proprietary trademarks of iBiquity Digital Corp.

### FM HD RADIO SPECIFICATIONS

**SENSITIVITY**  
-85dBm

**SIGNAL TO NOISE RATIO**  
85dB

**FREQUENCY RESPONSE**  
20 to 20,000Hz

**HARMONIC DISTORTION**  
0.1%

**STEREO SEPARATION**  
80dB

### FM ANALOG SPECIFICATIONS

**USEABLE SENSITIVITY**  
1.6uV (15.2dBf)

**50DB QUIETING SENSITIVITY**  
1.8uV (16.2dBf)

**SIGNAL TO NOISE RATIO**  
Mono: 75dB; Stereo: 72dB

**FREQUENCY RESPONSE**  
20 to 15,000Hz

**HARMONIC DISTORTION**  
Mono: 0.1%; Stereo: 0.4%

**CHANNEL SELECTIVITY**  
65dB Adjacent Channel  
74dB Alternate Channel

**STEREO SEPARATION**  
35dB

### AM HD RADIO SPECIFICATIONS

**SIGNAL TO NOISE RATIO**  
85dB

**FREQUENCY RESPONSE**  
20 to 15,000Hz

**HARMONIC DISTORTION**  
0.1%

**STEREO SEPARATION**  
75dB

### AM ANALOG SPECIFICATIONS

**SENSITIVITY**  
550uV/m

**SIGNAL TO NOISE RATIO**  
45dB

**FREQUENCY RESPONSE**  
100 to 3,500Hz

**HARMONIC DISTORTION**  
0.25%, 80% Modulation

**SELECTIVITY**  
50dB Adjacent Channel

### GENERAL SPECIFICATIONS

**FM TUNING RANGE AND CHANNEL SPACING**  
87.5MHz - 107.9MHz; 200kHz

**FM ANTENNA INPUT**  
75 ohms, Type "F"  
Coax connector

**AM TUNING RANGE AND CHANNEL SPACING**  
530kHz - 1710kHz; 10kHz

### RATED OUTPUT

1Vrms Unbalanced, 2Vrms Balanced

### OUTPUT IMPEDANCE

100 ohms Unbalanced or Balanced

### DIGITAL OUTPUT

Optical: -15dbm to -21dbm (PCM)  
Coaxial: 0.5V p-p/75 ohm (PCM)  
Sampling Frequency: 48kHz (PCM)

### AM ANTENNA INPUT

Balanced, RJ45 connector (for use only with supplied McIntosh RAA2 Remote AM Antenna)

### RAA2 REMOTE AM ANTENNA

#### OVERALL DIMENSIONS

Width is 6" (15.24cm)  
Height is 2-1/2" (6.35cm)  
Depth is 1-1/2" (3.81cm)

### POWER REQUIREMENTS

110V ~ 50/60Hz at 30 watts  
120V ~ 50/60Hz at 30 watts  
220V ~ 50/60Hz at 30 watts  
Standby, less than 0.5 watt

Note: Refer to the rear panel of the MR88 for the correct voltage.

### OVERALL DIMENSIONS

Width is 17-1/2" (44.45cm)  
Height is 6" (15.24cm) including feet  
Depth is 18" (45.72cm) including the Front Panel, Knobs and Cables

### WEIGHT

25.5 lbs. (11.6 kg) net, 40 lbs. (18.1 kg) in shipping carton

### SHIPPING CARTON DIMENSIONS

Width is 26-1/2" (67.3cm)  
Depth is 24-1/4" (62.2cm)  
Height is 11-3/4" (29.9cm)



To experience the legendary performance of McIntosh, please call on us at 1-800-538-6576



www.mcintoshlabs.com