

# McIntosh®

## MQ112 ENVIRONMENTAL EQUALIZER



- The quest for perfect sounding audio in your house can be frustrating as virtually no space in a home is designed with sound reproduction in mind. This can lead to constantly tinkering with acoustic treatments, changing speaker placement, or even rearranging furniture. Instead of wasting time fiddling with your system or room, take control of your sound with the MQ112 Environmental Equalizer and spend more time listening to your music.
- With the MQ112 you can make changes to the music itself so that room acoustic problems can be overcome. The results can be stunning and can make even a great sounding stereo system sound even better.
- At the heart of the MQ112 lies an 8-band analog equalizer (also called a stereo equalizer) that allows you to increase or decrease the levels of the audio signal at 8 key bands in the 25Hz – 10kHz audio frequency range. Think of it as a sonic sculptor that allows you to finely tune the audio signal.
- The MQ112 does more than just fix room acoustics; it can also breathe new life into older, imperfect recordings. With the master precision of the MQ112, you can target specific frequencies, compensating for deficiencies in vintage tracks and unveiling their hidden brilliance.
- The TILT knob, with its subtle tonal balance shift of  $\pm 6\text{dB}$ , allows you to customize your sound further. Boost the bass while reducing treble, or vice versa – the choice is yours.
- The EQ Control knob's IN and OUT settings let you bypass the entire equalizer circuit so you can compare the adjusted sound to the original, unaltered version, ensuring you achieve the perfect audio profile.
- Both balanced and unbalanced inputs and outputs are included on the versatile MQ112, making it easy to add it to your stereo system: simply place it between the preamplifier and power amplifier(s) and connect them all together using the inputs and outputs of your choice.

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### ELECTRONIC SPECIFICATIONS

#### Rated Output Voltage

2.5V Unbalanced  
5V Balanced

#### Maximum Output Voltage

10V Unbalanced  
20V Balanced

#### Maximum Input Voltage

10V Unbalanced  
20V Balanced

#### Voltage Gain (all controls flat)

Unbalanced: IN to OUT 0dB  
Balanced: IN to OUT 0dB

#### Frequency Response (all controls flat)

+0, -0.5dB from 20Hz to 20kHz  
+0, -1dB from 10Hz to 100kHz

#### Signal To Noise Ratio

115dB (below rated output)

#### Total Harmonic Distortion

0.005% from 20Hz to 20kHz

#### Input Impedance

10k ohms Unbalanced  
20k ohms Balanced

#### Output Impedance

500 ohms Unbalanced  
1000 ohms Balanced

#### Equalizer Controls

±12dB at 25Hz, 50Hz, 100Hz, 200Hz,  
400Hz, 1kHz, 3kHz, and 10kHz

#### Tilt Control

±6dB at 20Hz and 20kHz  
650Hz Tilt Axis

### CONNECTIVITY

#### Inputs

1 Balanced  
1 Unbalanced

#### Outputs

2 Balanced  
2 Unbalanced

### POWER CONTROL

1 Input  
1 Output

### WEIGHTS & DIMENSIONS

#### Unit Dimensions (W x H x D)

17-1/2" (44.5cm) x 3-15/16"  
(10cm) x 15-11/16" (39.8cm)

#### Unit Weight

15 lbs (6.8kg)

#### Shipping Weight

29.5 lbs (13.4kg)

### LEARN MORE

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DISCOVER MQ112

Rev 00