

McIntosh®

MQ112 ENVIRONMENTAL EQUALIZER



McIntosh®

SINCE 1949

Sound is not just the DNA of McIntosh, it is the heartbeat that resonates within every product we bring to life, connecting music lovers to the soul-stirring power of sound. Join us on a journey to elevate your sound experience.





TAKE CONTROL OF YOUR SOUND

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 (which may not go over too well with other members of the household).

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.

In the relentless pursuit of perfect audio, we understand the frustration of adapting your living space for optimal sound reproduction.

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.



8 BANDS OF CONTROL

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. With an impressive $\pm 12\text{dB}$ range of adjustment for each band, you can easily cope with any sound challenge.

The MQ112 is the solution you need to enhance or subdue particular instrument ranges or voice types, transforming your listening experience.



CAN IMPROVE
THE SOUND OF
OLDER MUSIC

The MQ112 Environmental Equalizer 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.



VERSATILE EQ

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.

The equalizer can also be triggered IN or OUT using the rear panel's EQ Control Trigger, giving you seamless control over when the MQ112 works its magic. Also, by using one of the programmable triggers in the audio system's preamplifier, the EQ can be switched IN or OUT depending on input or amplifier choice.

Crafted with precision and versatility, the MQ112 boasts remarkably low noise circuits and minimal distortion, harmonizing seamlessly with high-performance audio systems.



VERSATILE AUDIO SYSTEM COMPONENT

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.

The input type you use does not have to match the output type; for example, you could connect a preamplifier (or another audio component with volume control like some CD Players) via the unbalanced inputs, but then connect the MQ112 to your power amplifier(s) with balanced cables via the balanced outputs.

The MQ112 can also be used with integrated amplifiers, provided the integrated amp has removable jumpers so the preamplifier section can be disconnected from the power amplifier section.



VERSATILE AUDIO SYSTEM COMPONENT CONTINUED

The versatility of the MQ112 is further evident in its second pair of outputs, which opens a world of possibilities for enjoying your music. You can play the same music through a separate stereo system in another room, bi-amp a single pair of speakers for optimal sound control, or

connect a subwoofer for that extra bass punch.

For subwoofers without stereo inputs, the second output on the MQ112 can be set to MONO; two subwoofers can also be connected this way.

In more intricate systems, the MQ112 can be connected through PROCESSOR loops and TAPE MONITOR record/play connections found on many preamplifiers and integrated amplifiers.



CLASSIC MCINTOSH

The design of the MQ112 Environmental Equalizer is a testament to McIntosh's commitment to timeless aesthetics and high quality materials.

The black glass front faceplate, rotary control knobs, illuminated logo, and custom machined aluminum end caps are signature features of the brand.

The back panel's Power Control ports allow for seamless integration with other McIntosh components, making it easy to turn the MQ112 on and off with the rest of your audio system.



MQ112 SPECS

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
Visit mcintoshlabs.com

NEXT STEPS

At McIntosh, we don't just sell products; we inspire and educate. Join us on a journey to elevate your sound experience. [Contact your local dealer](#) today and embark on a sonic adventure like no other with the MQ112 Environmental Equalizer.

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About McIntosh

McIntosh Laboratory, Inc. is the premier American designer and manufacturer of high-fidelity audio equipment.

Founded in 1949, McIntosh products are handcrafted by experts passionate about creating an unmatched sonic experience. From its factory in Binghamton, New York to all corners of the world, the McIntosh blue meters have become a symbol of quality audio and continue to own the premiere position in home audio entertainment for discerning

listeners. Powering events like President Lyndon Johnson's inauguration speech, world-renowned concert systems like Woodstock, the Grateful Dead's Wall of Sound and Despacio, McIntosh has shaped some of the most important moments in music and culture. McIntosh gives music enthusiasts the power to create their ultimate sound experience.

For the Consumer's Protection

In order to ensure the highest level of customer satisfaction, new McIntosh products may only be purchased from an Authorized McIntosh Dealer; and, with certain limited exceptions may only be purchased over-the-counter or delivered and installed by the Authorized McIntosh Dealer. McIntosh does not warrant, in any way, products that are purchased from anyone who is not an Authorized McIntosh Dealer, or that have had their serial numbers altered or defaced.

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