

IQ-600 and IQ-1500 Amplifier

Product Release



FEATURES



Includes: **Transformer**
Remote Eye
Remote



- XLR/RCA and high level input connections
- Room equalization
- Room equalization IN/OUT
- Subsonic filter
- Phase shift
- Phase Delay
- Custom flush mount design
- Dual gains internally mixed
- Music sensing ON/OFF
- DC turn ON/OFF
- IR Capability
- 110V/220V

PRECISION ROOM CORRECTION

This powerful IQ amplifiers are used in our strongest subwoofer, the MKVI. Now they are available for custom installers to build their own enclosure. The IQ-600 comes complete with a transformer, remote, and remote eye.

IQ amps allow the user to time align the subwoofer output with the rest of the system. Front speaker frequency response extends down to 50 or even 40 Hz; this is well within the frequency response of most subwoofers. Earthquake uses a patented phase adjustment technique that allows the users to flip the phase between 0 and 180 (no group delay is added). For additional final fine tuning, there is an in-line variable delay circuit to fully optimize the response. Single band room EQ artificially equalizes a room and is just an old fashioned bass boost. An IQ amplified equalization offers local boost or cuts that will actually smooth out peaks and dips in the response, leaving it flat.

IQ amps also provide a subsonic filter that is switchable with a high pass at 20 Hz. The user can boost 30 and 20Hz to move the subsonic center frequency to a lower or even higher value. This amplifier is a true custom tool for custom installers.

IQ-600 SPECIFICATIONS

POWER OUTPUT:

- 1 x 300 watts RMS @ 8Ω
- 1 x 365 watts RMS @ 4Ω
- 1 x 500 watts RMS @ 2Ω

FREQUENCY RESPONSE:

17Hz-2kHz*

TOTAL HARMONIC DISTORTION:

<0.08%, (1W/4ohm)

SIGNAL TO NOISE RATIO:

> 89dB (balanced) 85dB (unbalanced)
@ rated power

PROTECTION CIRCUITRY

Short circuit, open circuit, RF burnout,
Over temp, turn on/off transient protection,
DC protection, limited circuitry

DIMENSIONS

H=11.65" x W=8.50" x D=3.84"
44mm x 483mm x 367mm
18.04lbs. • 8.2Kg

IQ-1500 SPECIFICATIONS

POWER OUTPUT

- 1 x 700 watts RMS @ 8Ω Mono (1% distortion)
- 1 x 1100 watts RMS @ 4Ω Mono (1% distortion)
- 1 x 1500 watts RMS @ 2Ω Mono (1% distortion)

FREQUENCY RESPONSE

20Hz-2kHz*

TOTAL HARMONIC DISTORTION

<0.08%, (1W/4Ω)

SIGNAL TO NOISE RATIO

>106dB (balanced)
105dB (unbalanced) @ rated power

PROTECTED CIRCUITRY

Short circuit, open circuit, RF Burnout,
over temp, turn on/off transient protection,
DC protection, limited circuitry

DIMENSIONS

H=11.65" x W=8.50" x D=3.84"
44mm x 483mm x 367mm

MSRP:
IQ-600: \$899.00
IQ-1500: \$999.00

*Subsonic switch off