

Q55

70V Mixer/Amp

ROEMTECH®



70V Audio Made Easy.

55 Watts

HummBuster® Technology

Auto Clip Limiter

Two Channel Mixer

Plenum Rated

Designed and Built in the USA

Cutting-Edge Technology

The Q55 employs the latest in class D technology to reach an incredible efficiency of 85%. In addition, the auto limiting circuitry makes it almost impossible to drive this amplifier into distortion even at the highest volume levels. This means your system sounds good all the time. Power and audio inputs are voltage spike protected to 10,000V coupled with high temperature components throughout for maximum reliability.

Safety

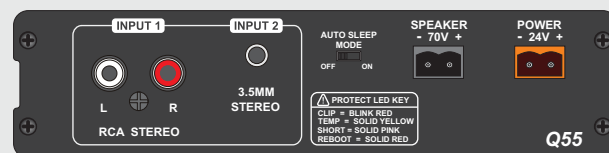
The Q55 checks the speaker lines as soon as it is turned on to ensure there are no direct shorts in the speaker connections. Only then does it turn on the speaker outputs. The speaker outputs feature a two tier over-current detection circuit for maximum safety. In addition, this amplifier will continuously monitor for both wire-to-wire and wire-to-ground speaker shorts, safely shutting down until the short condition is cleared. Thermal protection circuits continuously monitor the hottest parts of the circuit board. If needed, the amplifier will automatically and gradually turn the volume down until a safe operating temperature is reached and maintained.

HummBuster® Technology

Over a decade ago, Roemtech pioneered HummBuster technology and ever since then it has helped countless clients to easily overcome audio humming issues. With the Q55, we have continued the tradition of easily eradicating audio hums with the flick of switch. Both mixable audio inputs are equipped with our proprietary HummBuster circuitry.



Front Panel



Rear Panel

Specifications:

Power:	55watts RMS
Freq. Response:	50Hz to 22kHz +3db @ 1kHz
Input 1:	Stereo RCA - mixable
Input 2:	Stereo 3.5mm - mixable
Speaker Out:	70V Mono
Power Supply:	24V @ 2.5 Amps - 60Watts
Operating Temp:	-40F to +190F
Weight:	.75 lbs (amp only)
Amp Dimensions:	5.7" w x 5.5" d x 1.4" h
Sleep Mode:	20 minutes, defeatable
Frequency Response:	+/- 3dB 50Hz - 20kHz
Surge Protection:	10,000 Volts
Efficiency:	85%
Warranty:	5 year standard