LoQi

Description

The loop amplifier is a cost-effective amplifier used to drive loop mounted on floors or ceilings in public places.Each amplifier covers a perimeter of approximately 600 meters. The solution enables hearing aid users in the area surrounded by the wire loop to hear all notices or announcements, background music or music. Hearing aid users can set their devices to a T-mode setting, which can receive signals from the loops to receive excellent audio announcements or music.

Feature

*High power current drive amplifier
*Power output 240W 10A
*Three microphone/line inputs, one broadcast constant voltage 100V highest priority input.
*Selectable 5KHz or 10KHz frequency range and tone control
*Built-in power limiter and automatic current control function
*Integrated for use in voice evacuation systems.
* Approximate perimeter coverage of 600 meters per amplifier.
*Microphone or line 1-3 inputs with 48V phantom power input.
*Complete protection circuitry, including high temperature, overload and short-circuit protection.

LQ-10LP

Specification

Model	LQ-10LP
Maximum output current	10A
Rated output current	7A
Input sensitivity and impedance	Input1-3(MIC): 2.5mV/600 , Balanced XLR input Input1-3(LINE): 775mV/10K , Balanced XLR
Output sensitivity and impedance	input 1V/470 , Balanced XLR output
Tone control	Bass: 10dB at 100Hz Treble: 10dB at 10KHz
Frequency response	50Hz~10KHz (3dB)
Signal-to-noise ratio	66dB
THD	Less than 0.1% at 1KHz, 1/3 rated power
Mute function	Broadcast 100V highest priority. Input 1 takes precedence over Input 2 and Input 3
Connector	Screw
Main amplifier input	Unbalanced connector 1/4" TS jack
Crosstalk	50dB
Broadcast (100V) input	Balanced inputs
Slave output	1V/470 ohms, unbalanced connector 1/4" TS jack
Phantom power	+48V
Cooling mode	Automatic fan control
Protection mode	High temperature, overload and short circuit protection
Power supply	~230V/50Hz
Power consumption	350W
Weight	6.5Kg
Size	484x303x88mm
Material	Panel: Aluminum, black