



Mutine

C.E.C. HD-53R v8 headphone amplifier



DESCRIPTION

High-Definition Headphone Amp

The HD-53R v8 is a state-of-the-art headphone amplifier including, on one of the two sections outputs for loudspeakers. The unique LEF amplifier technology for the driver stage provides you the best possible sound quality. All amplifier sections run without overall negative feedback. So no dynamic distortions are created by the amplifier.

You actually get two full stereo amplifiers, with independent volume control. The HD-53R v8 is an excellent choice for high-end audio equipment users who like to add best possible headphone reproduction to their system, as well as for people who like to upgrade their micro hi-fi system (iPod, portable CD, MD...) to a real small high-end solution. The HD-53R v8 is also good for computer users who like to enjoy a high level of sound quality by connecting it to the soundcard output.

Select Matching Gain

You can select the input gain with -12dB, 0dB and +6dB steps. Compatible with a wide range of headphone impedances (16 Ω - 2k Ω), it meets the needs of every headphone user.

CEC's Unique LEF Circuit

The HD-53R v8 comes equipped with CEC's unique Load Effect Free (LEF) circuit that completely eliminates all causes of sound quality degradation. This LEF circuit delivers high efficiency while achieving clear and fully nuanced sound quality.

Volume Control with IGM

The newly developed Intelligent Gain Management (IGM) system is used to minimize signal loss during volume adjustment. Sound volume is adjusted by controlling the gain itself with a knob on the front panel. The input signal is not degraded by any mechanical volume resistor or CMOS device. As a result of this, the lowest noise, low distortion and highest dynamic performance has been achieved.

Input & Output Jacks

The HD-53R v8 features a balanced XLR input in addition to an unbalanced RCA input so you can enjoy the advantages of a high-definition connection with even more sophisticated audio equipment such as CEC's CD players, which have balanced or unbalanced output. You select the balanced or unbalanced input by pushing the input selector on the rear panel. Also, the two-channel headphone outputs are compatible with 3.5mm and 6.3mm plugs so up to two sets per channel can be connected simultaneously.



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SPECIFICATIONS

Rated output power

- On headphones 4 x 1W (6.5Vrms, 150mA)
- On speakers 4 x 10W (4Ω)

Frequency response 10-200kHz (0dB/-1.4dB)

S/N ratio 98dB
(1Vrms input, 0dBu output)

THD
- Headphones 0.009% (32Ω, 1Vrms input)
- Speakers 0.09% (8Ω, 2Vrms input)

Gain 18dB/XLR, 24dB/RCA
(max volume)

Input terminals Balanced XLR x 1
Unbalanced RCA x 1

Output terminals 6.3mm & 3.5mm x 2
Speakers x 1

Load impedance
- Headphones 16Ω~2kΩ
- Speaker 4~8Ω

Power supply 120 VAC, 60Hz

Power consumption idle 1.5W, max. 50W

DIMENSIONS AND WEIGHT

Weight 2.6 kg - 5.7 lb.

Width 218 mm / 8.6 in.

Height 57 mm / 2.25 in.

Depth 258 mm / 10.15 in.

ACCESSORIES

AC power cord, RCA-miniplug cable, user's manual

AVAILABLE FINISH

Silver

WARRANTY

North America 1 year

*Specifications and design are subject to change without notice.

