

Creek OBH-10

INFRARED REMOTE VOLUME CONTROL



LISTEN IN COMFORT
WITH THIS
INFRARED REMOTE
VOLUME CONTROL

Just imagine that you have made yourself really comfortable listening to a favourite piece of music, when you suddenly feel that the volume needs a slight adjustment. Instead of jumping up to do it manually, you can now do this by remote control, without having to compromise the performance of your cherished Hi-Fi system to acquire this luxury. It is now possible to add just the part to your system that needs to be remotely controlled the most - the Volume.

The OBH-10 provides local control of volume settings with a motorised high quality potentiometer that can also be adjusted manually with the control knob on the front panel, if required.

Like most volume controls, the one inside the OBH-10 is just a high quality passive attenuator, which adjusts the level of signal passing through it. This method has been found to offer the least sonic interference to the signal and in

the case of the OBH-10, it also offers a visual indication of the volume setting from the control knob indicator.

If the telephone rings, or you otherwise need to instantly lower the volume to zero, a further useful feature of the OBH-10 is a relay operated mute, which is designed to ground the signal. However, the mute is only available by remote control.

To indicate the status of the OBH-10 a tri-coloured LED will light up on power-up and change from green to red when muted.

To use the OBH-10 in your system, it is necessary only to split the signal path between the pre-amp and power amp sections. In the case of separates, the OBH-10 will sit between the signal path from the output of the pre-amp and the input of the power amp. In the case of an integrated amplifier however, it is necessary to wire the OBH-10 into one of its tape loops and enable it by selecting the appropriate tape monitor switch. You will now have greater control over your system with no loss of sound quality at all.

Within the OBH-10 a microcontroller processes the signal only when it is given a command from the remote handset. At other times it is allowed to go to sleep, to avoid any sonic degradation of the signal passing by.

OBH-10 TECHNICAL SPECIFICATION

Basic function is a passive series attenuator.

Input impedance	< 20 k Ω
Output impedance	0 - 20 k Ω
Separation	> 80 dB at 1 kHz
Attenuation factor	0 - 90 dB
Number of inputs & outputs	1 stereo pair
Relay muting	> 90 dB
Power supply requirements	24 V DC @ 60 mA
DC connector type	2.1 mm Jack
Input and mute indication	Tri-colour LED
Size	100 x 130 x 60 mm, 4" x 2.4" x 5"
Weight	420 g, 1 lb

Creek Audio Limited reserves the right to modify or change the specifications of its products at any time without notice.

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