

N.B. Radio interference.

The A43 is designed to work properly in normal domestic operating conditions. However, the amplifier's performance may be seriously affected if sited near to, or in the room with, a working radio transmitter such as a mobile phone or CB radio, etc. Re-siting the A43, or the radio, will normalise the situation. If in doubt consult your dealer.

CREEK A43 SPECIFICATION

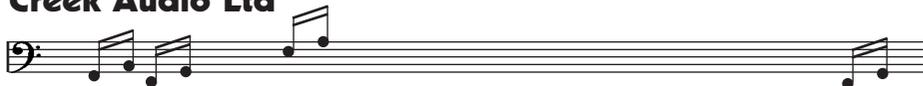
POWER OUTPUT (both channel)	50 Watts into 8 Ω
POWER OUTPUT (one channel)	60 Watts into 8 Ω
POWER OUTPUT (one channel)	60 Watts into 8 Ω
POWER OUTPUT (one channel)	100 Watts into 4 Ω
<i>Not recommended for use into more than two pairs of 8Ω loudspeakers.</i>	
POWER OUTPUT (bridged mono)	> 150 Watts into 8 Ω
<i>Not suitable for use into less than 8 Ω.</i>	
<i>Bridged operation can only be enabled by use of the appropriate driver board in the P43 pre-amp.</i>	
OUTPUT CURRENT (auto current limited)	> 18 Amps RMS
TOTAL HARMONIC DISTORTION	< 0.03% 20 Hz to 20 kHz
FREQUENCY RESPONSE	3 Hz to 80 kHz - 1 dB
SLEW RATE	> 40V per μS
SIGNAL TO NOISE RATIO (full power)	> 100 dB 'A weighted'
SEPARATION	> 75 dB at 1 kHz 'A weighted'
POWER CONSUMPTION at idle	25 W
POWER CONSUMPTION (full power 10% THD)	250 W
WEIGHT	5.3 Kg, 12 lbs
SIZE	420 x 60 x 230 mm
MAINS VOLTAGE @ 60Hz	100V Japan, 115V North America
@ 50Hz	230/240V Europe, Asia and UK

MAINS VOLTAGE AND FREQUENCY IS INTERNALLY SET FOR THE COUNTRY OF USE

Creek Audio Ltd reserve the right to change or modify the specification of its products without prior warning.

Designed and made in the UK.

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Creek A43



Operating Instructions



Thank you for purchasing the A43 Power amplifier. You are now in possession of a State of the Art Power Amplifier. The functions and operation of the A43 are extremely simple. However, the following notes are provided to explain all aspects of its design and use.

MAINS CONNECTION

When unpacking the amplifier please keep the packing material in a safe place for possible future use. In the pack there is a separate mains cable suitable for connecting to the mains supply in the country of use. The IEC socket end of the cable should be firmly inserted into the connector on the rear panel marked "Mains Input".

Remember, do not overload the mains wall socket with too many plugs or adaptors. The high quality performance of the amplifier will be impaired if the electrical supply to it is in poor condition. If in doubt, consult a qualified electrician or your dealer.

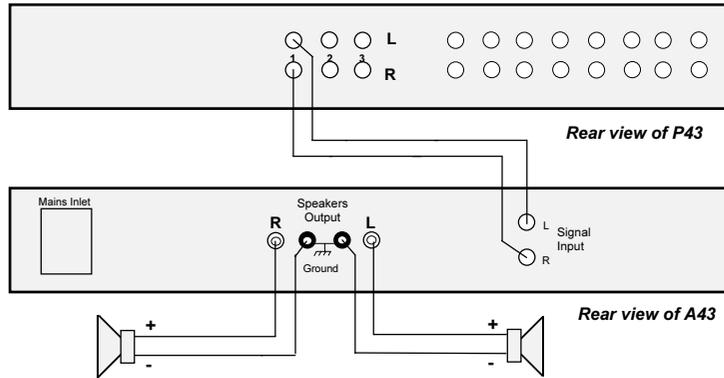
The "Mains Input" connection is also fitted with a fuse, specifically suited to the supply voltage of the country of use. The correct value is clearly marked on the rear panel next to the Mains Input.

Should it be necessary to replace the fuse, ensure that you use the same type as specified on the rear panel. i.e. 5 x 20mm cartridge type: T 2 Amp surge resisting for 220-240V 50Hz AC, T 4 Amp surge resisting for 110-120V 60Hz AC, T 6.3 A surge resisting for 100V (Japan).



LOUDSPEAKER CONNECTIONS

The loudspeakers should be connected using a suitable pair of cables designed specifically for audio use. The higher the quality the better your system will sound. Screw terminals allow for either bare wire or spade lug connectors to be passed through the hole or around the bush. Tighten the terminal fully after fitting the speaker wire.

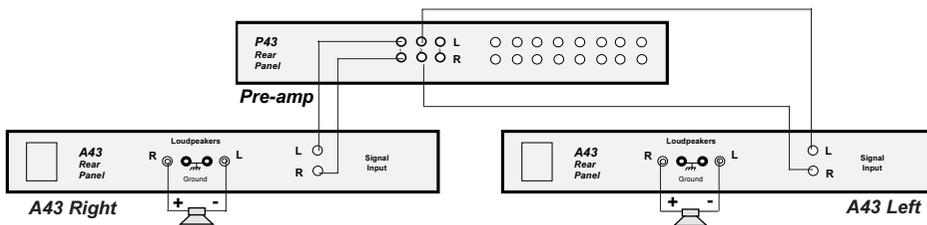


It is **very important** to connect the loudspeakers to the loudspeaker terminals in the correct phase. Cables are normally polarised with a line or a raised bump on the positive side. If one channel is not connected in the same fashion as the other, a severe loss of bass performance and a spreading of the stereo image will result.

It is not recommended to use more than two pairs of 8Ω speakers running from the amplifier at one time. However, bi-wiring of one pair of speakers, using the four sockets, can improve the sound of your system. Please consult your dealer for advice if you are unsure.

BRIDGED MONO

If the amplifier is to be used in a Bridged Mono (balanced) configuration, a P43 pre-amplifier fitted with a bridging driver board and a further A43 amplifier will be required. Each amplifier should be wired to drive one loudspeaker only (left or right). The major difference in the wiring of a balanced system is that the loudspeakers are not connected to ground. The



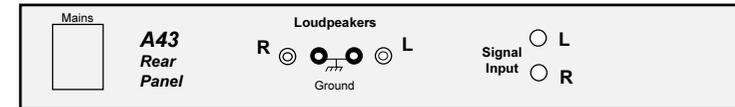
loudspeaker wires should be connected between the live connections of the left and right outputs on the rear of the amplifier. Phasing of the leads is still important and therefore if the positive (marked) wire is connected to the right connector on one channel (Right) it should be wired the same connector on the other channel.

Bi-Wiring is still possible, but it is not advisable to connect more than one 8Ω speaker to a Bridged (balanced) A43 at a time as it will overheat and could possibly damage the amplifier. Do not connect the negative loudspeaker wire to any ground connector or the bridging mode will be defeated.

N.B. It is very important not to short the loudspeaker cables together when the other ends are still connected to the amplifier otherwise permanent damage can result. If it is necessary to move or change the location of your loudspeakers, make sure that you switch off the amplifier from the mains first.

INPUT CONNECTION

The input sensitivity of the Power amplifier is 530mV's. Connection is made via the two RCA Phono (Cinch) type sockets on the rear panel marked - INPUT, which are wired in unbalanced mode and marked left and right.



If a Bridged Mono application is required, it is necessary to use both left and right inputs as a form of balanced mono input, carrying the positive and negative halves of the signal. For further details read specific instructions accompanying the plug-in bridging board for the P43 Pre-amplifier.

OPERATING THE A43

Make sure that the unit is on a suitable table or Hi-Fi equipment cabinet. It is important to allow adequate ventilation to the heatsink, in the centre of the unit. Avoid obstruction of the ventilation slots on the top cover. It may be necessary to place the power amplifier on the top of other equipment to allow for this. To switch-on the unit press the button marked POWER on the right hand side of the front panel. To protect the loudspeakers connected to the amplifier from dangerous DC voltages, an internal 10 Amp relay switches off the outputs on switch-on and in the case of a failure etc.

When the amplifier is switched on there will be a delay of about 3 seconds, but turn-off should be instantaneous. To indicate the status of the amplifier, the colour POWER LED indicator will be yellow on initial switch-on. When the amplifier reaches operating condition, at which time the relay will drop in, the LED will change to green. If a fault condition occurs the relay will switch both speaker outputs off and the POWER indicator will turn to red. Return the amplifier to the supplying dealer if the fault code (red) is visible.

Your A43 amplifier is designed to give you years of reliable use. However, it is necessary to take care of your possession, so never overheat it, connect more than the appropriate number of speakers or short out the speaker connections. If an adjustment is needed, it is always advisable to return it to the supplying dealer for his expert help. If you are unfortunate enough to need service work to be carried out on your amplifier, it should be returned to your dealer or the manufacturer in the original packing material if possible.