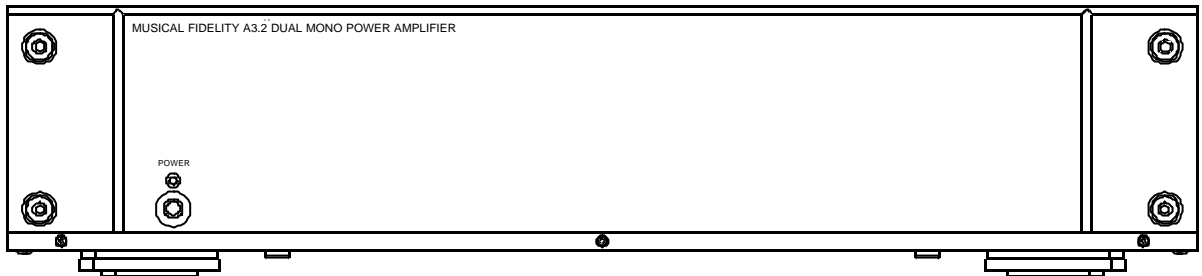


A3.2 CR

DUAL MONO POWER AMPLIFIER



INSTRUCTIONS FOR USE

Thank you for purchasing the Musical Fidelity A3.2 CR Power Amplifier.

Used properly and carefully, it should give you many years of outstanding musical reproduction.

Æsthetically, the A3.2 CR power amplifier is a perfect match for the A3.2 CR preamplifier, A3.2 CD player and the A3.2 tuner. Together, they form one of the finest hi-fi systems available today.

Dust regularly with a soft duster or soft brush but be careful when using cleaning or polishing agents - they may harm the surface finish.

If you have any questions about your audio system, please consult your dealer who is there to help and advise.

MUSICAL FIDELITY

SAFETY INFORMATION

IMPORTANT! (U.K. only)

This unit is supplied in the U.K. with a mains lead fitted with a moulded 13 amp plug. If, for any reason, you need to cut off this plug, please remove the fuse holder and dispose of the plug safely, out of reach of children. ***It must not be plugged into a mains outlet.***

The wires in the mains lead supplied with this appliance are coloured in accordance with the following code:

Green and yellow.....Earth
Blue.....Neutral
Brown.....Live

WARNING - This appliance must be earthed

As the colours of the wires of the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured green-and-yellow must be connected to the terminal in the plug which is marked with the letter E or coloured green or green-and-yellow, or by the earth symbol:



The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

If connecting to a BS1363 plug, a 13 amp fuse must be used.

WARNING:

The A3.2 CR is a powerful amplifier and must necessarily supply high voltages through the loudspeaker terminals. Therefore, to avoid any possibility of an electric shock DO NOT TOUCH THE SPEAKER TERMINALS when the unit is being used.

To comply with BSEN60065 safety regulations, the 4mm “banana” plug holes have been fitted with plastic blanking pieces. Removal of these will invalidate any electrical safety approval of this product.

WARNING:

Any modifications to this product not expressly approved by Musical Fidelity who is the party responsible for standards compliance could void the user’s authority to operate this equipment.

GENERAL ADVICE

INSTALLATION PRECAUTIONS and USER INFORMATION

Your new A3.2^{CR} power amplifier is designed and built to provide trouble-free performance, but as with all electronic devices it is necessary to observe a few precautions:

Heed all warnings shown on the back of the product.

Only connect the A3.2^{CR} amplifier to a mains outlet having the same voltage as marked at the back of the unit.

Always ensure that when disconnecting and reconnecting your audio equipment the mains supply is switched off.

Position the mains lead and signal interconnects where they are not likely to be walked on or trapped by items placed on them.

*Do not use near water, or place water-filled containers on the amplifier, for example, flower vases or potted plants. **If water does spill inside, immediately pull out the mains plug from the wall socket and inform your dealer, who should then check the unit before further use. Entry of liquid into the amplifier is dangerous, and may cause electric shock or fire hazard.***

Do not place the unit near heat sources such as radiators, direct sunlight or other equipment. The case of this amplifier can run at high temperatures - operate the unit in a well ventilated area, and do not touch the side heatsink fins after periods of use at high output power.

Do not remove covers or try to gain access to the inside. There are no internal user adjustments. Refer all service work to an authorised Musical Fidelity agent.

NOTE: Unauthorised opening of the equipment will invalidate any warranty claims.

There are fuses inside the A3.2^{CR} amplifier. In the unlikely event that one blows, refer the unit to your audio dealer. Do NOT try to replace the fuse yourself as this will invalidate the warranty.

Dust regularly with a soft duster or soft brush, but be careful when using cleaning or polishing agents - they may harm the surface finish.

The electronics in modern hi-fi equipment is complex and may, therefore, be adversely affected or damaged by lightning. For protection of your audio system during electrical storms, remove the mains plugs and disconnect any aerial lead.

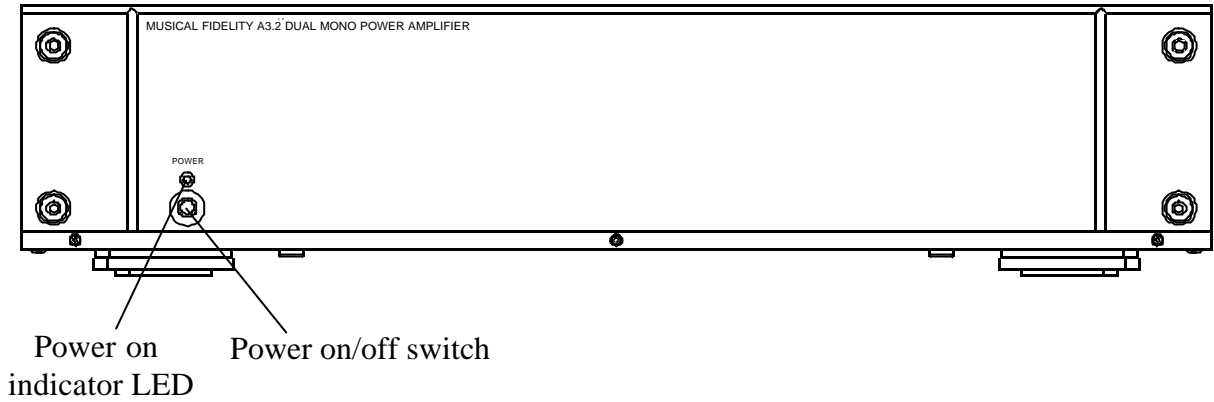
If after-sales service is required, to help your dealer identify the A3.2^{CR} amplifier please quote the serial number located on the rear panel of the unit.

RADIO FREQUENCY INTERFERENCE (R.F.I)

This product has been tested to ensure that its operation is not adversely affected by normal background levels of R.F.I., and that it does not itself generate excessive amounts of interference. However, if a problem persists, please contact your Musical Fidelity agent.

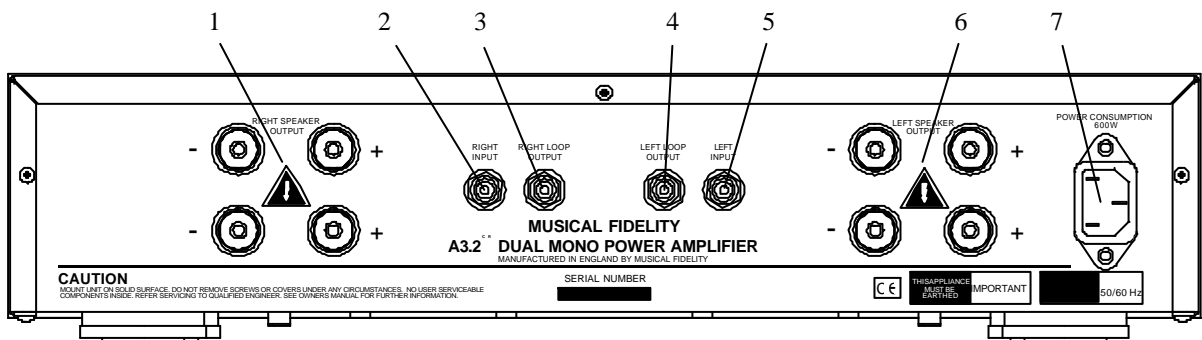
CONNECTIONS AND FACILITIES

Front panel layout



Back panel layout

- 1 Right speaker outputs (two)
- 2 Right input
- 3 Right loop output (see page 5)
- 4 Left loop output (see page 5)
- 5 Left input
- 6 Left speaker outputs (two)
- 7 IEC mains inlet



CONNECTIONS and OPERATION

All input, output and power connections should be made with the mains power switched OFF.

INPUT CONNECTIONS

The A3.2 ^{CR} Power amplifier can be used with a preamplifier or any line level source which has a volume control. We highly recommend the matching A3.2 ^{CR} preamplifier available from Musical Fidelity.

Connect the left and right outputs from your pre-amp or other line level source to the RCA inputs on the back panel marked as **LEFT** and **RIGHT** Line Inputs. The corresponding **LOOP OUTPUT** sockets are directly connected inside the unit to duplicate the line inputs. This is to enable onward connection to another amplifier, for example when used for “bi-amplification”.

For the best results we recommend that you use either Musical Fidelity X-LINX “no-nonsense” cables for this connection or the highly rated Nu-Vista interconnects with integral RFI suppression. Various lengths are available in the Nu-Vista interconnect range.

LOUDSPEAKER CONNECTIONS

Connect your loudspeakers to either of the two pairs of loudspeaker terminals situated on the back panel marked as **LEFT** and **RIGHT SPEAKER OUTPUT**. The wiring must be “in phase”, namely, the + and - terminals must be connected to the left and right speakers the same way round.

Note: - the combined load impedance must not be less than 4 ohms.

BEFORE SWITCHING ON.

Plug the accessory IEC mains lead into the rear panel socket, then the other end into a convenient wall outlet.

Turn the volume control on your preamplifier to minimum, and switch on its power.

OPERATION

Press the **POWER** switch on the front panel of the A3.2 ^{CR} - the red **POWER** LED will light to confirm that the unit is ready for use.

Select the required audio input source on your pre-amplifier, and advance the volume control to obtain the preferred sound level.

TROUBLESHOOTING

Basic problem solving with an amplifier is similar to troubleshooting any other electrical or electronic equipment. Always check the most obvious possible causes first. To give you a few ideas of what to look for, check the following:

<i>Problem</i>	<i>Possible Cause</i>	<i>Remedy</i>
No power when MAINS POWER switch is operated	Mains plug not inserted fully into rear socket	Plug in securely
No sound	Tape monitor function has been selected on the pre-amplifier Wrong connections between pre-amplifier and the A3.2 ^{CR} Speakers not connected, or incorrectly wired	Switch off tape monitor at the pre-amplifier Check audio input lead connections Check speaker cables
The sound is not precise, lacking bass and stereo image	Speakers are connected out of phase, i.e. connections to one-speaker (+ and -) are reversed	Ensure method of connection is the same for left and right speakers

If none of these actions effect a cure, please contact your dealer, or an authorised Musical Fidelity service agent. Remember, never open the case of the A3.2 ^{CR} Power amplifier yourself, as this will invalidate the guarantee.

SPECIFICATIONS

A3.2 CR

POWER AMPLIFIER

Power output	130 Watts per channel into 8 Ohms
Total harmonic distortion	< 0.01% 20Hz to 20kHz
Frequency response	10Hz to 20kHz ± 0.1 dB
Channel separation	> 85dB 20Hz to 20kHz
Audio gain	30dB (31.5 times)
Input impedance	31K Ohm
Signal / noise ratio, reference full output	> 105dB unweighted > 120dB 'A'- weighted
Power consumption	600 Watts maximum
Dimensions	440 mm wide 100 mm high including feet 395 mm deep including terminals
Power requirements	100 / 115 / 230V AC, 50 / 60Hz (factory preset)
Weight	15 kg unit only, unboxed 17 kg in shipping carton
Standard accessories	IEC type mains lead



Musical Fidelity reserves the right to make improvements which may result in specification or feature changes without notice.

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