

MUSICAL FIDELITY

# INSTALLATION GUIDE

A1

**INTEGRATED AMPLIFIER**

**SPECIFICATIONS**

**Power**

20 watts per channel

**Inputs and Sensitivity**

Phono MC 200 $\mu$ V

Phono MM 2mV

CD 200mV

Tuner 200mV

Aux 200mV

Tape 200mV

**Total Harmonic Distortion**

Less than 0.5%

**Signal-to-Noise Ratio**

Phono MC -55dB

Phono MM -60dB

Line inputs -80dB

**Power Consumption**

75 watts continuous

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Musical Fidelity Limited,  
London, England.

Specifications and details are correct as we go to press, but in the interest of product improvement they may be subject to change during manufacture.

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**A1  
INTEGRATED  
AMPLIFIER**

**Thank you for choosing the A1 integrated amplifier. Used properly, it should give you many years of outstanding musical reproduction.**

**The A1 is designed for ultra-high definition performance. It is strongly biased into Class A, for its audible smoothness and clarity.**

**Should you have questions about anything in your audio system, consult your dealer, who is there to help and advise you.**

**WARNING**

You must connect the A1 to a pair of loudspeakers before you switch it on. If this is not done, it is relatively easy to damage the output stage, which is costly to replace and is not a warranty repair.

**FOR THE BEST RESULTS**

The A1 is capable of sound reproduction comparable in quality to that of true 'exotica' but its power is not as great.

To get the best from your A1, with a realistic soundstage and full dynamic range, use it with loudspeakers of at least 88dB per watt efficiency. The Musical Fidelity MC-1, MC-2 and MC-4 are all appropriate and should give outstanding results.

While it is possible to use inefficient loudspeakers, they will limit the excitement and vitality of musical reproduction, and we don't recommend it.

**HEAT DISSIPATION**

Because the A1 is strongly biased into Class A, it dissipates power, as heat, all the time it is on. Think of the heat that a 75 watt light bulb creates, and you've got an idea of the heat produced by the A1. A surface temperature of about 55°C is average for the heat sink in a room where the ambient temperature is about 20°C. The exact temperature depends on the temperature in your room, and on how much energy is dissipated as sound.

There must be at least 50mm of clear space behind, and at least 250mm clear space above the A1.

The whole top of the A1 is a heat sink. To allow full heat dissipation, nothing should be placed on it at any time. It also helps to keep the top of the A1 free of dust and grime. Dust it regularly with a soft duster or soft brush but do not use cleaning or polishing agents – they may harm the surface finish.

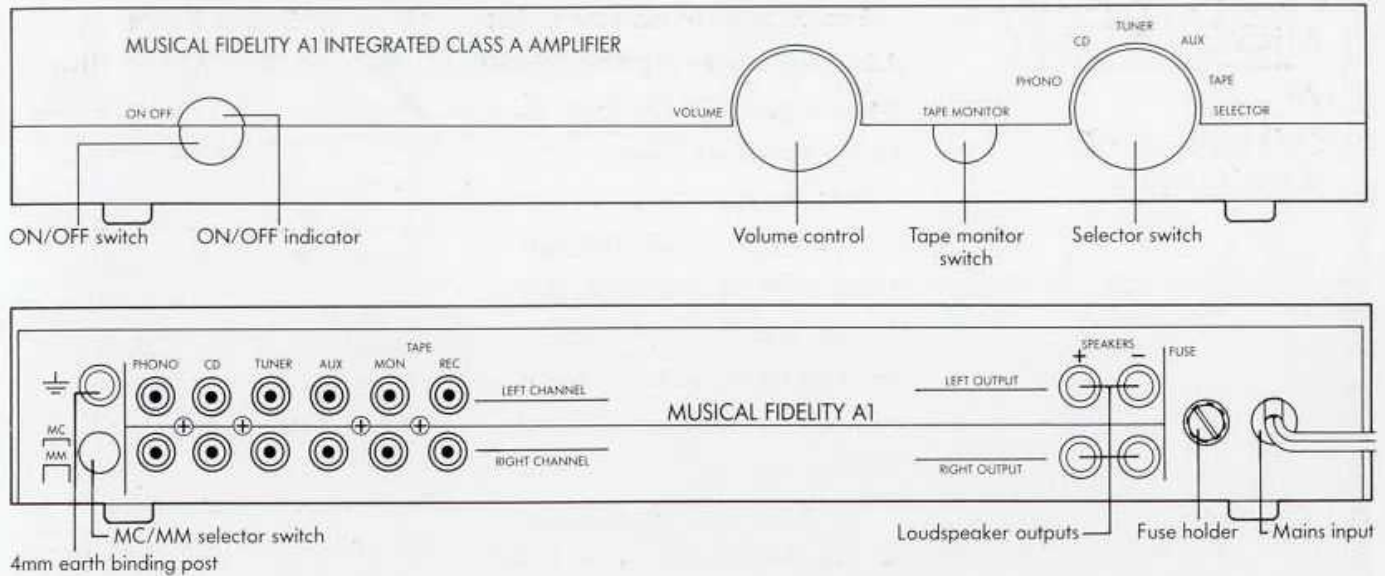
**INSTALLATION  
PRECAUTIONS**

Your new A1 is designed and built to provide trouble-free performance but it is necessary to observe a few precautions. Please ensure that you have complied with them before you connect any AC power to your amplifier. Retain this guide for future reference.

Heed all warnings on the back of the amplifier.

Do not use the amplifier near water.

Only place it where there is room for adequate ventilation



around it.

Keep the A1 away from heat sources such as radiators or appliances that produce heat.

Only connect the A1 to a power supply of the type marked on the back of the unit.

Place the power supply cord where it is not likely to be walked on or pinched by items placed upon it.

The A1 should be serviced by an authorised agent when the power supply cord or the plug has been damaged, liquid has been spilled into the unit, it has been exposed to rain, does not operate normally, or has been dropped or the enclosure has been damaged.

**Do NOT remove the cover.** The A1 will not be covered under warranty if it is tampered with. There are no adjustments within. Refer all service work to an authorised Musical Fidelity agent.

## CONNECTIONS

All connections should be made with the power OFF.

The A1 has inputs for Phono MC/MM, Compact Disc, Auxili-

ary, Tuner and Tape. Each input is clearly labelled on the back panel as to input and channel.

Never connect the output of one channel to that of another.

## PHONO

The A1 can have one turntable plugged into it at a time, with either a moving coil or moving magnet cartridge. The push button by the phono input selects the high gain (MC) or low gain (MM) mode.

## TAPE DUBBING

To do this, plug the machine that you want to dub from into the AUX input, select AUX on the input selector, and take the tape output from the A1 to the machine that you want to dub to.

## LOUDSPEAKER CONNECTIONS

Be careful. The red terminal is +. This must go to the red or + terminal on the loudspeaker. The black terminal is -. This must go to the black or - terminal on the loudspeaker. For the best contact

and sound quality, use 4mm plugs to make the connections.

Your audio dealer can make up a pair of cables specially for your A1/loudspeaker combination. Check the connections, and look out for any little 'hair' of wire which might short out the connections at either end of the cables.

## BEFORE YOU SWITCH ON

Follow this routine before you listen for the first time, and each time you change any connections.

Check all the inputs and outputs to the A1. Then check again. Turn the volume control to nil. Now you can switch on the power and carefully advance the volume to the level you want. If all is well, enjoy the music.

## FUSES

There is one fuse in the A1. In the unlikely event that it blows, take your A1 to your audio dealer. Do NOT try to replace the fuse yourself or you will invalidate the warranty.