

# X-Pre<sup>V3</sup> SPECIFICATIONS

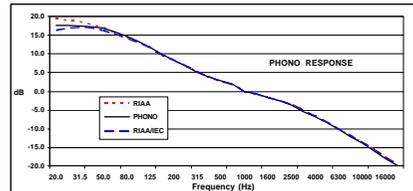
Output : Voltage RMS, maximum > 31.8 Volts  
 Impedance < 47 Ohms  
 Frequency response 10Hz to 40kHz  $\pm$ 0.5dB

Line inputs :

Total harmonic distortion + noise, : < 0.005% (1 Volt output, half volume)  
 20Hz to 20kHz  
 Signal / noise ratio reference : > 93dB 'A'-weighted  
 1 Volt RMS output  
 Input sensitivity for 1 Volt RMS out : 208mV  
 Input impedance : 47k Ohms  
 Gain at maximum volume : 13.6dB (4.8 times)  
 Overload margin : 35dB  
 Channel separation : > 88dB typical at 1kHz, half volume

Phono input : (moving magnet type)

Frequency response reference  
 IEC RIAA - see graph . . .



Signal / noise ref. 1 Volt RMS output > 70dB ("A"-weighted, at half volume)  
 Input sensitivity for 1 V RMS output 2mV  
 Input impedance 47k Ohms  
 Overload margin 24dB

Input facilities : 3 pairs RCA line level connectors  
 1 pair RCA phono input connectors (moving magnet)

Output facilities : 1 pair RCA audio outputs controlled by the volume,  
 1 pair RCA tape record fixed line level output.

Power requirement : 100 / 115 / 230Volts AC 50 / 60Hz, 5 Watts

Dimensions : 218mm, 8.6 inches wide  
 98 mm, 3.9 inches high (including feet)  
 374mm, 14.7 inches deep (including knob and rear earth terminal)

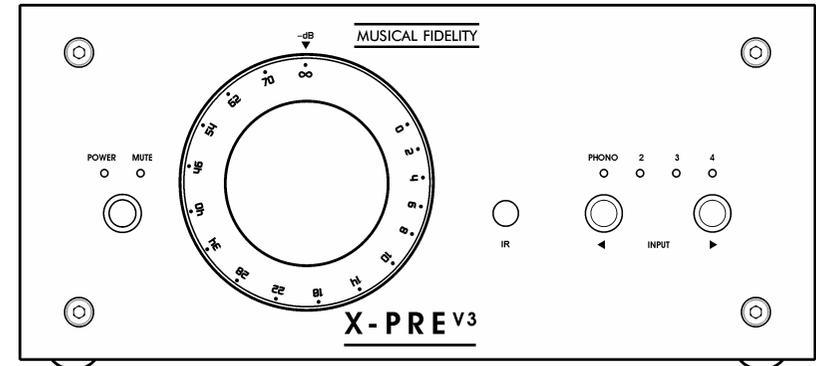
Weight : 5.8 kg, 12.8 lbs unit only, unboxed  
 7.2 kg, 15.9 lbs in carton

Standard accessories : IEC type mains lead (10-Amp type),  
 Remote control handset (universal type),  
 2 batteries size LR03 or AAA, manganese alkaline type



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

# X-Pre<sup>V3</sup> PRE AMPLIFIER



## INSTRUCTIONS FOR USE

*Thank you for purchasing the Musical Fidelity X-Pre<sup>V3</sup> pre-amplifier.*

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

*Aesthetically, the X-Pre<sup>V3</sup> is a perfect match for the X-RAY V3 CD player and X-P200 amplifier.*

*Together, they form one of the finest hi-fi systems available.*

*Dust regularly with a soft cloth 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

**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:**

**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.**

**INTRODUCTION**

Thank you for purchasing the X-Pre version 3 pre-amplifier.

The X-Pre <sup>V3</sup> is a true high-end pre-amplifier with sound quality equal to the most exotic pre-amps available. We sincerely hope that it will bring you many years of outstanding listening pleasure.

**BEFORE SWITCHING ON**

See page 4 and 5 for connection details.

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

Turn the volume control on the front panel to minimum (anticlockwise).

**STARTING . . . .**

Press the **POWER** button on the X-Pre <sup>V3</sup>. The blue power LED on the front panel will light indicating that the unit is ready for use. However, for about six seconds no sound will be heard from your speakers, and the red mute LED will be lit, confirming initial mute action.

If **PHONO** input was selected when previously powered off, there will be an additional muting period of about 10 seconds before sound can be heard.

Select the required audio input source by pressing the < or > function button on the front panel one or more times.

Alternatively, direct access can be obtained by pressing buttons **1, 2, 3 or 4** on the remote control. In either case, a corresponding blue indicator LED on the front panel will light to confirm your choice.

Now adjust the volume control to obtain the preferred sound level.

**TAPE RECORDING**

To record, simply select the required source with the up or down input selector button on the front panel, or directly from the remote control. This source will now be routed to the X-Pre <sup>V3</sup>'s **TAPE RECORD** output for recording by the external tape deck. You will still also be able to hear the selected source through the loudspeakers.

Note - adjustment of the volume control has no effect on the recording level.

## REMOTE CONTROL

Buttons on the remote control with blue-grey surround enable main functions of the pre-amplifier to be operated from a convenient distance. Remaining buttons on this universal handset are for use with other Musical Fidelity products, and have no effect on the X-Pre<sup>V3</sup>.

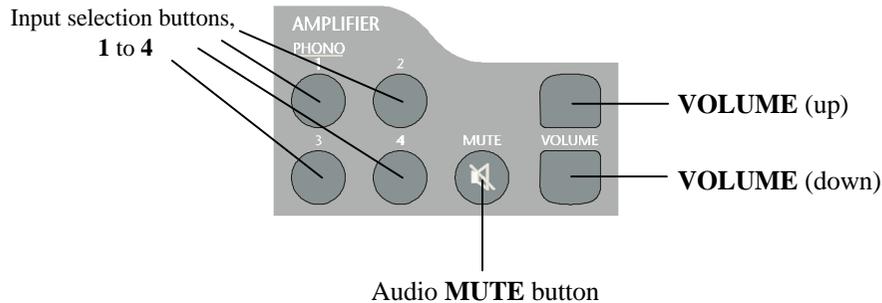
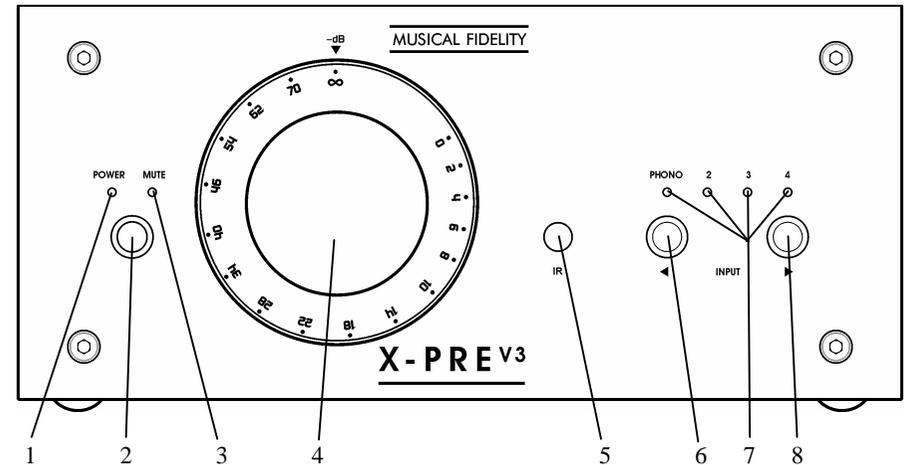
As the remote control uses an invisible infra-red light beam, the transmitter must be pointed directly towards the receiver window on the front of the amplifier, without visual obstruction between them.

Pressing button numbers **1 (PHONO)**, **2, 3 or 4** selects a corresponding pre-amplifier input.

Pressing the **MUTE** button mutes the **OUTPUT** sockets, but has no effect on the **TAPE REC** sockets for recording. To show that the amplifier is muted, the red LED on the front panel lights. Press the **MUTE** button again to cancel mute function, and the red LED will go out.

Pressing the volume-up or -down buttons on the remote handset will turn the motorised volume control in the required direction. This action also cancels the mute function.

If the range of the remote control greatly decreases, replace the batteries with new ones. Do not mix old and new batteries - two are required, size LR03 or AAA, manganese alkaline type. Do not dispose of used batteries in a fire.



### Front panel layout

- 1 POWER-on indicator LED (blue)
- 2 POWER on/off switch
- 3 Audio MUTE indicator LED (red)
- 4 Volume control
- 5 Infra Red receiver for remote control
- 6 Input select button - down
- 7 Input indicator LEDs (blue)
- 8 Input select button - up

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

**PHONO EARTH TERMINAL**

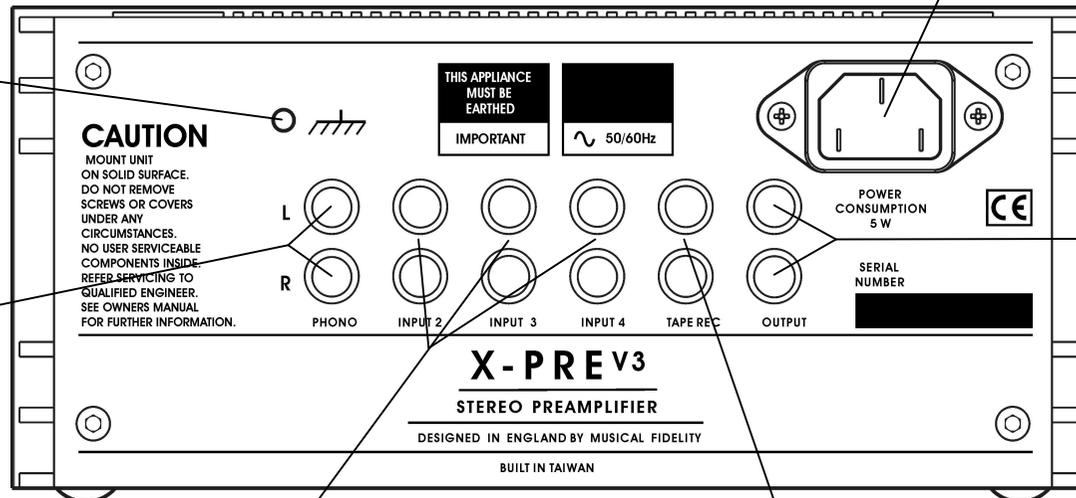
Some turntable/pickup arm combinations are fitted with an extra wire for chassis earthing. This should be connected to the earth terminal on the back panel.

(This is not a safety earth connection).

**PHONO INPUT CONNECTIONS**

RCA inputs marked **PHONO** are intended for moving magnet (MM) pickups.

Do not use for any other purpose.



**PRE-AMPLIFIER OUTPUT**

OUTPUT RCA sockets are controlled by volume adjustment.

Connect to the input of your amplifier.

**“LINE” INPUT CONNECTIONS**

Three pairs of RCA “line level” sockets all have the same input sensitivity.

They are suitable for use with any source component having an output of at least 300mV. The three pairs of sockets numbered 2, 3 and 4 correspond with the blue function indicator LEDs on the front panel.

**TAPE RECORDER OUTPUT**

Connect the RCA **TAPE REC**ord output sockets to the line input sockets of your tape deck.

Output from these is not controlled by volume adjustment.