



exposure

XM3 Phono Amplifier



Quick Start Manual

Thank you for purchasing the Exposure XM3 Phono Amplifier
www.exposurehifi.com

Contents & before you start

Please check the contents in the box:



Exposure XM3
Phono Amplifier



Mains cable

Before you start:



Ensure your unit is switched off and that the volume control knob on your integrated / pre-amplifier is at its minimum.



Please note that your Exposure XM3 Phono Amplifier may take up to 48 hours to 'run-in' before reaching its optimal performance. Each subsequent 'run-in' will then take about 20 minutes.

1 Installation

The XM3 Phono Amplifier : Front View



a) Please set the volume control knob on your integrated / pre-amplifier to minimum before connecting or disconnecting any cables.



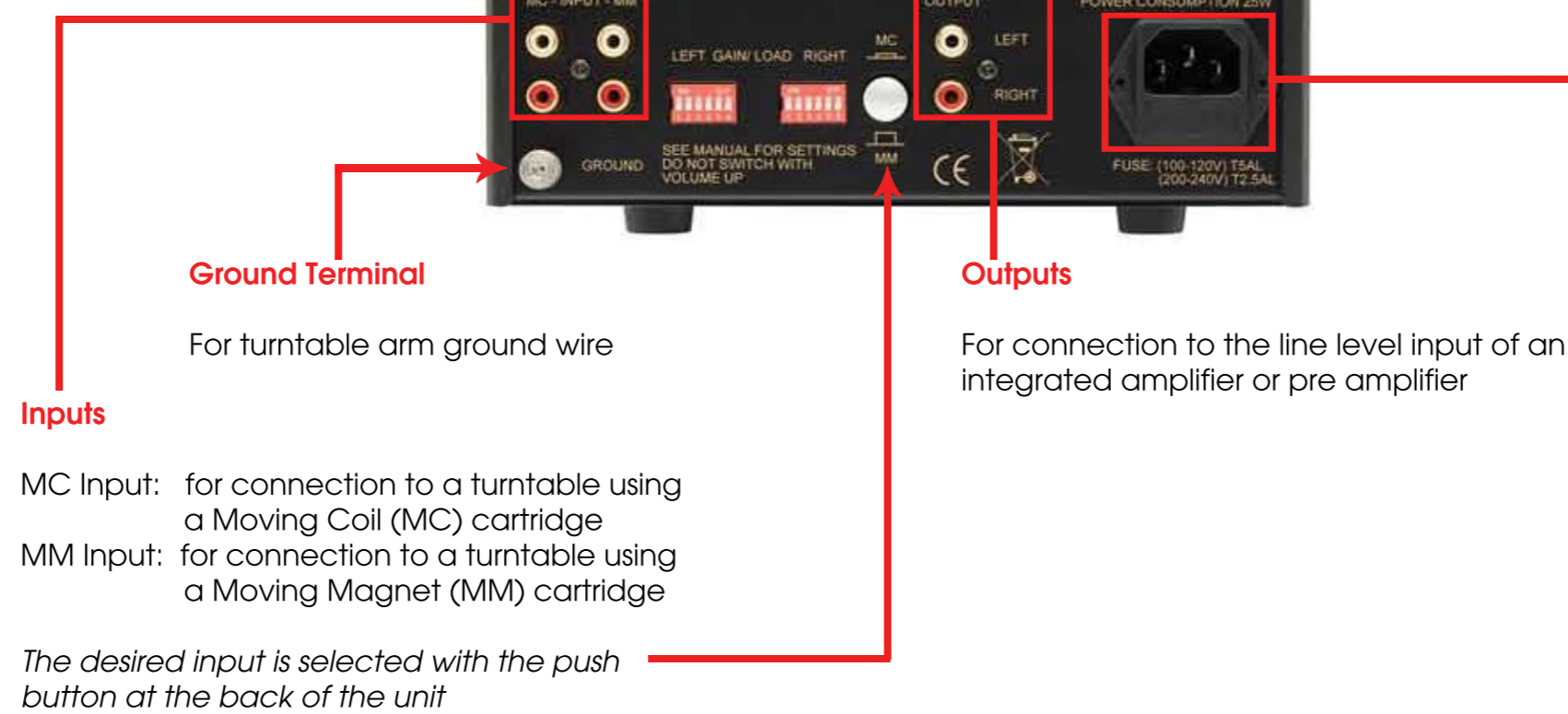
b) Connect the mains cable to the IEC mains input socket.



c) Connect to the mains outlet on the wall. DO NOT switch on until all input and output connections are made.

2 Source Component Connections

The XM3 Phono Amplifier : Rear View



Turntable

Connect the RCA phono cables from your turntable to the appropriate input socket on the XM3 Phono Amplifier and ensure the MM / MC push button is set correctly



Phono Amplifier

Connect the output sockets of the XM3 Phono Amplifier to any line input on your integrated / pre-amplifier



Amplifier

3 Operation



a) Turn the amplifier volume control knob on your integrated / pre-amplifier to minimum



b) Press the power switch on the XM3 Phono Amplifier. The LED power indicator will light up. The XM3 Phono Amplifier output relay will activate after a short delay

4 Loading



MM Loading 47K ohms in parallel with 220pF

MC Loading - all in parallel with 6n8

SWITCHES ON	LOADING VALUE - OHMS
1 + 2 + 3	100
1 + 2	110
1 + 3	130
1	160
2 + 3	210
2	310
3	470
ALL OFF	1500

Gain

SWITCHES ON	GAIN IN dB
ALL OFF	40
4 on (MM or MC)	46
5 on MC	52.4
4 + 5 on MC	54.2
6 on MC	55
4 + 6 on MC	56.4
5 + 6 on MC	59
4 + 5 + 6 on MC	60

5 Technical Specifications

Moving Magnet Input

Sensitivity: 3.5mV input for 350mV output, 40dB gain setting

Signal to Noise ratio, ref 1KHz & 350mV out:

Gain Switch 4 ON: >70dB
Gain Switch 4 OFF: >78dB

Moving Coil Input

Sensitivity: 350uV input for 350mV output, 60dB gain setting

Signal to Noise ratio, >67db A weighted. ALL gain ref 1KHz & 350mV out: switches (4-6)

General Specifications

Frequency Response: 30Hz - 20KHz within +/- 0.25dB ref 1KHz with low frequency roll off below 30Hz

Total Harmonic @ 1KHz, ref 350mV out <0.025% MC Input:

Maximum Output

Voltage: 7.8V RMS 1KHz
Output Impedance: 50 ohms

Mains Supply: 110/120V or 220/240V @ 50/60Hz (factory set)

Fuse: T5AL for 110/120V units
T2.5AL for 220/240V units

Power Consumption: <25W

Dimensions (WxHxD): 218mm x 89mm x 348mm

Net Weight: 4kg

Gross Weight: 5kg

6 Safety

Incorrect installation or inappropriate use of the XM3 Phono Amplifier may result in injury due to electrical shock.

- Ensure that the voltage rating on the rear panel of this unit matches that of your local mains supply*
- Ensure that the mains cable and plug supplied with this unit are also correct. (Contact your dealer immediately if this is not the case).
- This unit is protected by a mains fuse, which is accessible as part of the IEC socket on the rear panel.
- Fuse replacement specifications:
110/120V units T5AL fuse
220/240V units T2.5AL fuse
- Protect the unit against all forms of liquid. Never expose the unit to dripping or splashing, or place objects filled with water; such as vases, on the unit.
- Unplug the unit from the mains when not in use for prolonged periods.
- Do not open this unit - there are NO user servicable parts inside.
- Ensure that this unit is switched off when connecting or disconnecting speaker and interconnect cables.
- * Contact your Exposure dealer or distributor for advice on moving your equipment to another country or territory.

7 Caution

For a long and trouble-free life of your XM3 Phono Amplifier, please ensure the following:

- Do not remove the cover of the unit or dismantle the case.
- Protect the unit against all forms of liquid. Never expose the unit to dripping or splashing, or place objects filled with water; such as vases, on the unit.
- Do not operate the unit in damp environments or allow liquids to enter the unit.
- Do not attempt to bypass the mains fuse or replace the fuse with one of a different specification.
- Do not use abrasive or solvent-based cleaning fluids on the unit's case.

Failure to observe these precautionary measures may void your warranty.

8 Warranty/Guarantee

- 1 The Exposure warranty entitles you to FREE repair of this unit for the first three (3) years from the date of purchase. This covers parts and labour but excludes carriage.
- 2 This warranty is valid only if the unit is purchased from an authorised Exposure dealer in your country of residence.
- 3 It is recommended to register the warranty using the form on our website: www.exposurehifi.com/warranty.html
- 4 The distributor accepts no responsibility for defects arising from accident, misuse, abuse, wear and tear, neglect or through unauthorised adjustment and or repair or replacement of any components, nor will they accept responsibility for damage or loss occurred during transit to or from the person making a claim under warranty.
- 5 The Exposure warranty covers:
 - **Parts and labour costs for three (3) years from the date of purchase. It does not include carriage to or from the customer**
 Please retain your original receipt as proof of purchase and purchase date. The guarantee is extended only to the original purchaser and is not transferable.

When making claims under this warranty:

- 1 The unit should be suitably packed and returned to the dealer from whom it was purchased, together with proof of purchase or a copy of the dated sales receipt. The customer should also include their address and daytime telephone number as well as a description of the fault.
- 2 If necessary the unit should be sent carriage pre-paid by a reputable carrier, NOT by post.
- 3 No responsibility is accepted for the unit whilst in transit to the dealer or distributor, and customers are advised to insure the unit against loss or damage whilst in transit.
- 4 The dealer receipt MUST be produced when making claims against this guarantee.
- 5 Any tampering or alteration made to the dealer receipt or to the serial number on the unit will invalidate the warranty.
- 6 The dealer or distributor shall notify the customer when the repairs have been completed. The customer must claim the goods within fourteen (14) days from the date of notice, failing which, the distributor reserves the right to impose storage charges.
- 7 The distributor reserves the right to dispose of the unit after 90 days from the date of notice in a manner that it sees fit and without compensation to the customer.

9 Product Disposal Instructions



The symbol shown above and on the product means that the product is classed as electrical or electronic waste and should not be disposed of with other household waste at the end of its working life.

The Waste of Electrical and Electronic Equipment (WEEE) Directive (2002/96/EC) has been put in place to recycle products using the best available recovery and recycling techniques to minimise the impact on the environment, treat any hazardous substances and avoid increasing landfill.

When you have no further use for this product, please remove any batteries and dispose of them and the product as per your local authority's recycling process. For more information please contact your local authority or the retailer where the product was purchased.

