

Edwards Audio

User manual MC1 PLUS

Thank you for purchasing an Edwards audio phono stage, with care over the correct installation we are sure that it will give many years of pleasure.

INSTALLATION

The main MC1 should be placed on a separate shelf next to or near your Turntable. Connect your turntables arm leads to the sockets marked 'input' observing Red for RIGHT and White/Black for LEFT. If you have an additional Earth or Ground cable attach this to the GND terminal provided above the input sockets. Depending on your systems grounding arrangements it may or may not be necessary to connect this, so if you can hear a hum through your speakers try connecting/disconnecting this wire. Next connect an additional pair of high quality RCA Phono cables between the output sockets and any available LINE input on your amplifier, this is usually marked AUX. The Power supply should be plugged in to any available AC outlet near to your system then plug the Mini Din into the socket marked DC on the rear of the MC1. Please observe the polarity and do not force the plug into the socket else damage may occur. To power 'ON' switch on the AC power supply at the wall, there is no power switch on the phono stage itself.

LISTENING

Having successfully connected the MC1 to your system you can now try playing a record. Select Aux on your amplifier (or whatever input you used to plug the MC1 into) and slowly advance the volume control, hopefully music will be heard. Assuming all is well, lift the needle from the groove and listen to check that there are no hums or buzzes, if there are, experiment with the position of the MC1 and or the ground connection, it may well be that the quietest position is not on a shelf at all. There are no hard and fast rules as to where to best position the MC1, basically the quieter it is the better it will sound, all you should hear is a faint hiss, if this is on the floor behind your equipment rack the so be it. Don't be worried about where it is, it's position and orientation will have no detrimental effect on the MC1's function or reliability.

FRONT PANEL LED

Should you want to, you can turn off the front panel LED indicator. This is done by moving the Blue jumper shown on as J1 on diagram 2. This is located near the LED at the front of the PCB. This can be accessed by removing the 4 screws on the rear panel marked in black on diagram 1. and Sliding the PCB out backwards, see diagram 1.

MM OPERATION

The factory default setting for the MC1 is MC however if you wish to use this with an MM or HOMC cartridge this can be set by moving the 4 yellow jumpers marked J3, J4, J5, and J6 in diagram 2 to their alternate positions. These jumpers can be accessed by removing the four screws on the rear panel marked in black on diagram (excluding the GND terminal) and sliding the PCB out backwards.

ADJUSTMENTS

The MC1 PLUS has internal adjustments for Gain and Loading. In MM mode the default settings are suitable for most MM cartridges however if you are using a HOMC (high output Moving Coil) type cartridge then you will need to change the settings for load and damping to their alternate positions, these are marked in green on diagram 2. The GAIN is best left in the default position of 40/42dB however if you are using an active pre-amp and the volume control is too sensitive you can reduce the gain by moving the gain jumpers marked in purple on diagram 2 to the 36dB position, alternatively if you need to move the volume control a long way to get the level you require you can use the 50dB position - **warning!!** increasing the gain will reduce the input overload margin. Louder is NOT better!!!

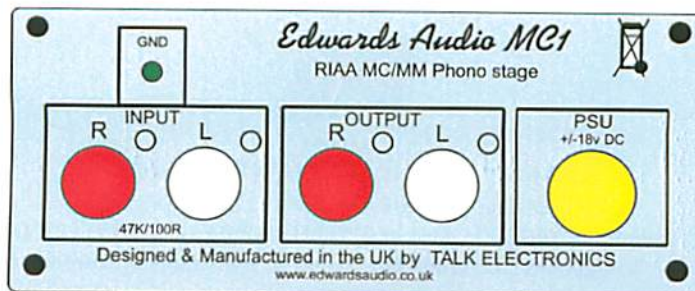


Diagram 1

WORLDWIDE GUARANTEE

There are no user serviceable parts inside, so please do not be tempted to play or modify any part of the MC1, as this will invalidate your guarantee. By registering your MC1 via our website www.talkelectronics.com/support your guarantee will be extended to ten years from the date of purchase, free of charge.

This entitles you to have the unit repaired provided that it was originally purchased from an authorised Talk/Edwards Audio dealer or distributor.

The manufacturer can take no responsibility for defects arising from accident, misuse, abuse, wear and tear, neglect or through unauthorised adjustment and/or repair, neither can they accept responsibility for damage or loss occurring during transit to or from the person claiming under the guarantee.

THE WARRANTY COVERS Parts and labour costs for ten years (if registered) two years if not, from the purchase date. After ten years you must pay for both parts and labour costs. The warranty does not cover transportation costs at anytime.

CLAIMS UNDER GUARANTEE

This equipment should be packed in the original packing and returned to the dealer from whom it was purchased, or failing this, directly to the Talk/Edwards Audio distributor in the country of residence. It should be sent carriage prepaid by a reputable carrier – NOT by post. No responsibility can be accepted for the unit whilst in transit to the dealer or distributor and customers are therefore advised to insure the unit against loss or damage whilst in transit.

CONFORMANCE

The Edwards Audio MC1 has been manufactured to conform with the protection requirements of the EC Council directive 89/336/EEC relating to EMC by application of the following standards:

EN500811 1997 Emissions Standard.

EN500821 1997 Immunity Standard.

and also the requirements of the EC low voltage directive relating to electrical safety by application of the following standard:

BSEN/IEC60065: 2002 International Safety Standard. For the purposes of testing the MC1 was used with the high quality interconnects supplied by Merlin Cables. Compliance with the above standards may only be made if the unit is installed as per this manual and using the correct cables.

SPECIFICATIONS

Max Input MC/MM	10mV/100mV
Gain MC input	58dB/62dB/72dB
Gain MM input	36dB/40dB/50dB
THD Distortion	<0.006% 1kHz <0.002% 20kHz
S/N ratio MC (MM)	-68dB/-84dB AWeighted
RIAA	within 0.2dB
Frequency response	10-100kHz within 3dB
Stereo separation better than	65dB 20-20kHz
Input Loading MC	100R with 2n2
Input Loading MM	47K with 120pF
Input Loading HOMC	1K with 120pF
Output impedance	<10 Ohms
Max output level	10vRMS depending upon input
Dimensions WxHxL ..	114.5mm x 47.5mm x 160mm
Weight	0.5kg

PSU

Max output

+/-18V DC

Power consumption (Max)

3W

Voltage

115/230v AC*

* Units are supplied with correct PSU for country of destination when originally shipped

All TALK Electronics products are designed and manufactured in the UK using as many locally made parts as possible



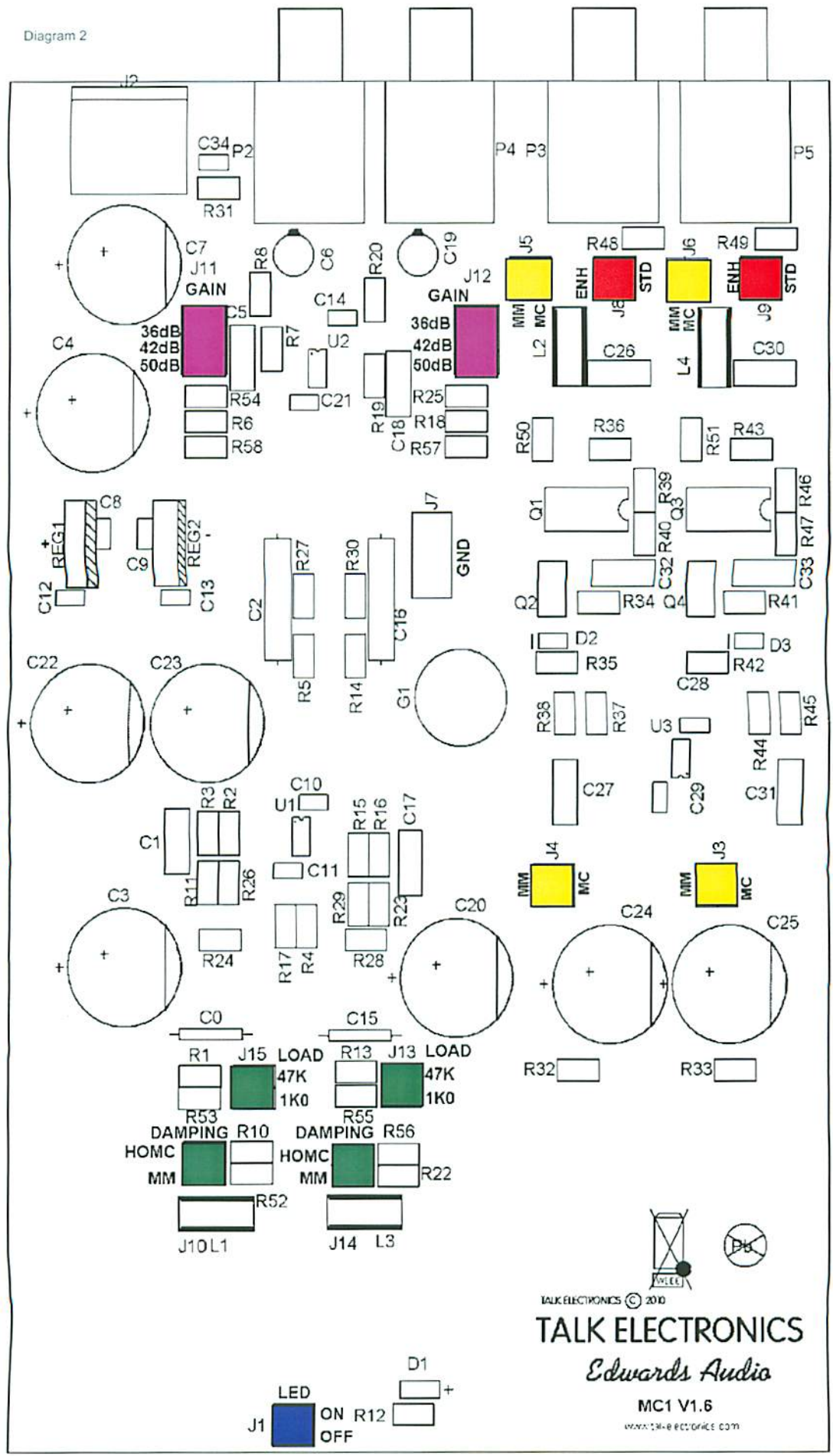
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Diagram 2



LED ON OFF
 J1 R12

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 MC1 V1.6
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