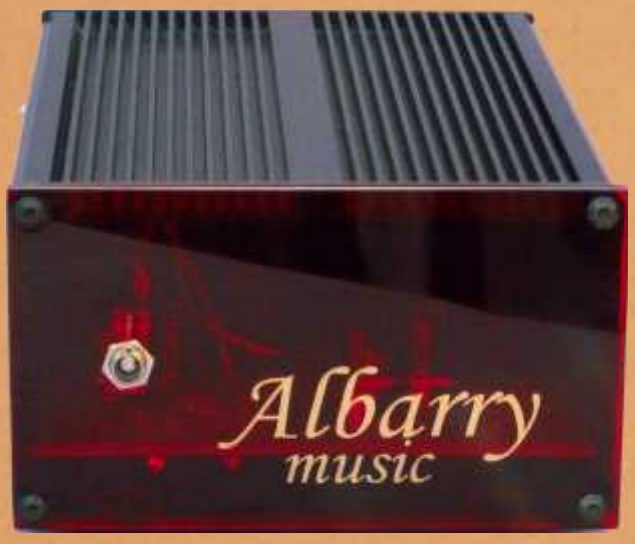
Albarry Music



MCA11 User Manual

Albarry Music

MCA11 User Instructions

Your new Albarry Music MCA moving coil amplifier has been designed and manufactured to give you the finest and most accurate reproduction and a musical listening experience.
The following guide will allow you to fully enjoy all the benefits of your new MCA11.

Your new MCA11 moving coil amplifier operates using a 9-volt battery fitted into the battery holder at the back of the unit.

When installing the battery, use the small lip at the bottom of the battery holder draw. Pull upwards and outwards to release the draw.

Take care to install the battery to ensure that the correct polarity is observed. The polarity is indicated in the base of the draw.

Not inserting the battery correctly may lead to failure of the unit.

Please ensure that expired or dead batteries are removed from the unit.
This is to ensure that corrosion does not occur in the battery holder.

Production and Test Certificate

Serial Number	
Week Manufactured	
Tested by	
Audio tested	
Final Test and Inspection	
Packed by	

Designed and hand built in the UK

CE

Albarry Engineering
Staffordshire. England 01782 507253

All Albarry Music products comply with the directives laid out in IEC 60065

User Notes

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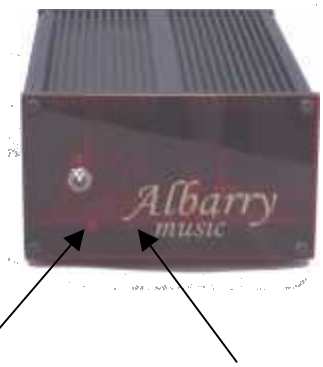
Please Note* When switching the unit on or off, either deselect phono or turn down the volume control. This is to prevent pops or clicks in your speakers .
When the MCA11 is switched on, the power on LED will be illuminated.
A battery condition LED will be illuminated when the battery is in the correct useable voltage range.
9 volts for a battery in new condition - Lithium or Alkaline.
8.4 volts for a fully charged NiMH.

When the battery voltage reduces to a voltage lower than 7.5 volts, the battery condition LED will fail to illuminate.
When this happens or the battery condition LED starts to dim, fit a new battery.
The power on LED and the battery condition LED use only a few micro amps to operate.



Battery condition LED Power on LED

Connecting the MCA11

The phono socket connections are clearly indicated on the back-plate.
The input from the tone-arm are the bottom sockets, the output to the pre-amp moving magnet input are the top sockets.
Connect the ground lead from the tone-arm to the MCA11 ground terminal.
Connect the black ground lead provided to the pre-amp ground terminal.

Positioning the unit

To realise the finest reproduction from the unit, the MCA11 uses a non-magnet type of case and construction.
When positioning the unit in your system, site the unit away from any AC magnetic fields such as transformers etc.
Site the unit to minimise the effects of AC magnetic fields.

Installation hints and tips

Whenever possible, use a high quality locking type phono plug when connecting to the pre-amplifiers input/output audio sockets. Avoid continually rotating the plug whilst it is being inserted into the sockets, this can lead to the possibility of the phono sockets being loosened on the back plate.

Case Care

To care for the MCA11 metal case and perspex, use a good quality silicon based polish applied directly to a soft cloth.
Do not spray polish directly onto the amplifier.
Minor scratches or blemishes to the Perspex (Acrylic) can be removed with a liquid metal polish or a purpose made propriety brand perspex polish.

Note* Do not use a metal polish on the front perspex lettering, this can soften the screen print and remove the writing

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Specifications

Battery……..9 volt PP3/6LF22 or equivalent.
NiMH 8.4v re-chargeable recommended
Battery life…… Dependant on type and usage cycle

Monitoring LED's ……Less than 100 micro amps

Gain ……..30dB's
Frequency response ……2Hz - 170KHz
Output impedance ……500 Ohms.

Input loading ……Internally switchable
100 Ohms - 50 Ohms - 25 Ohms
(set at factory to 100 Ohms)
Dimensions ……L 175mm W 105mm H 65mm

Changing the input load

It is advisable that the dealer performs this operation

1/ Remove the four back-plate M3 socket screws.
2/ Carefully withdraw the back-plate together with the PCB outwards by 50mm
(do not exceed 60mm otherwise damage may occur)
3/ The loading switches should now be exposed.
4/ Select the loading that you require, switch off the unused loadings.
5/ If you are unsure which loading to use, consult your moving coil cartridge handbook or contact the manufacturer.
6/ Carefully re-assemble the unit and refit the back screws