



Rosette 2
RIAA Equilized
Phono Preamplifier

Owner's Manual

Red Rose Music
17 East 71st Street
New York, NY 10021
U.S.A.

Red Rose Music Rosette 2 Phono Stage Preamplifier

Introduction to Red Rose Music

Dear Music Lover,

Since 1972, I have been committed to developing state of the art audio products that enhance our love of music.

It is clear to me that the audio world has become oriented towards complexity and mediocrity. Even high price tags do not guarantee sonic quality or a good investment. In December of 1998, I founded Red Rose Music to focus on a return to quality and simplicity. We nourish the love of music by making products with exceptional qualities, by taking care of our customers, and by taking a stand in the industry for what is right, not just expedient.

Using breakthrough technology in combination with proven principles of the past, Red Rose Music offers more human, natural sound. In addition, we offer it at more affordable prices and in compact packaging. The people who design and hand-craft Red Rose equipment are passionate, dedicated, gifted and committed individuals. It is my privilege to work with them.

Thank you for choosing Red Rose Music equipment. You have selected well.

–Mark Levinson, CEO
Red Rose Music

We would love to hear from you!
marklevinson@earthlink.net

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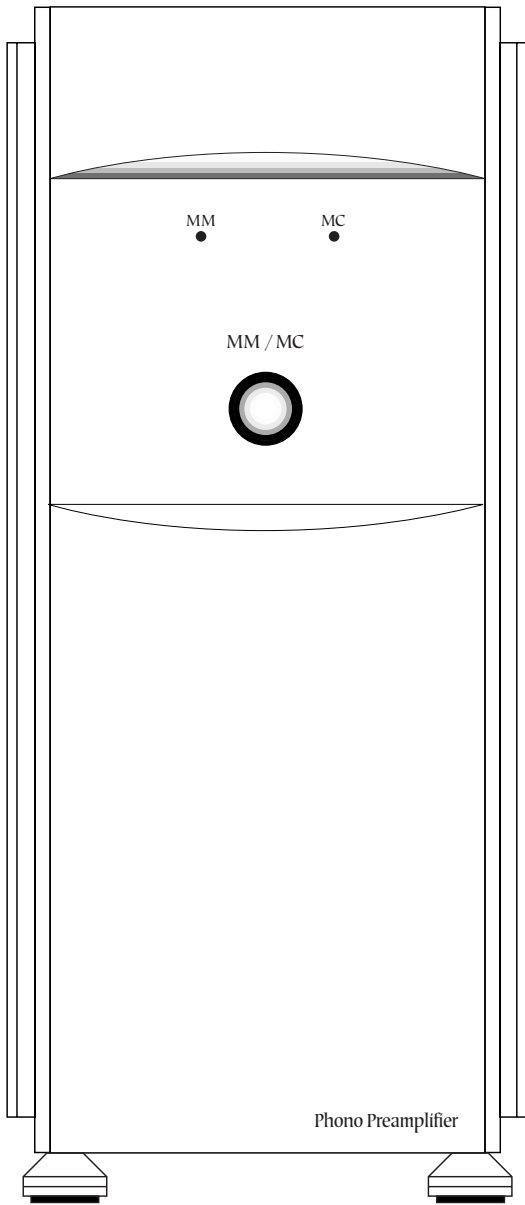
Owner's manual

The Rosette 2 Phono Stage Preamplifier

The Red Rose Music Rosette 2 Phono Stage Preamplifier is a high-quality, solid state stereo preamplifier with RIAA equalization for use with both moving coil and moving magnet cartridges. The Rosette 2 has been designed to match the Rosette 1 Power Amplifier, but it will also work with other line-stage preamplifiers and integrated power amplifiers.

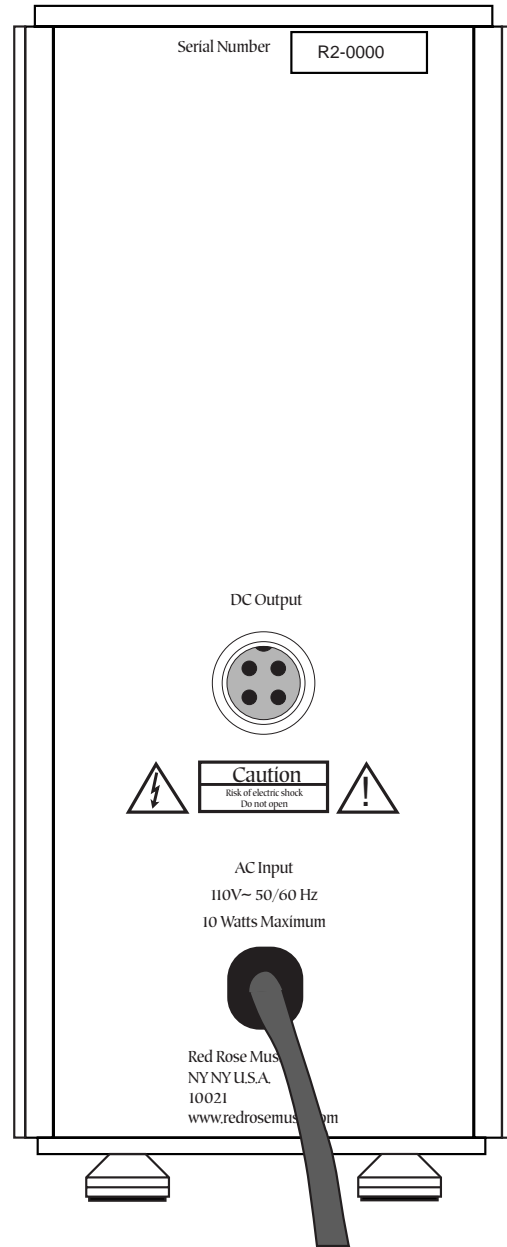
The power supply for the Rosette 2 Preamplifier is supplied in a separate enclosure, in order to keep electrical noise out of the audio signal chain. Both the Preamplifier case and the Power Supply case are thoroughly shielded.

The Power Supply



Front Panel

The front panel of the power supply has one pushbutton control and one blue LED indicator on the front panel. To turn on the preamplifier, push the Power button. The LED lights when the preamplifier is operating.



Rear Panel

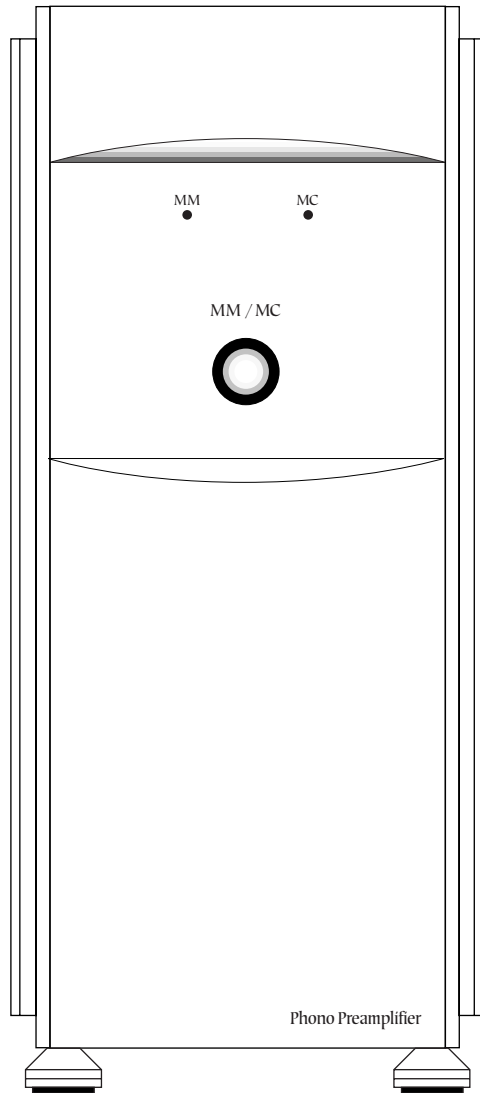
The rear panel of the power supply has two sockets: a four-pin DC Output socket and an IEC AC Input connector. Plug the cable from the preamplifier into the DC Output socket.

The AC Input connector mates with the power cable supplied with your amplifier. The voltage, AC frequency and power plug should all be correct for your local AC power standard. If your amplifier does not match the local standard, consult your dealer or Red Rose Music.

The IEC receptacle may contain a fuse to protect

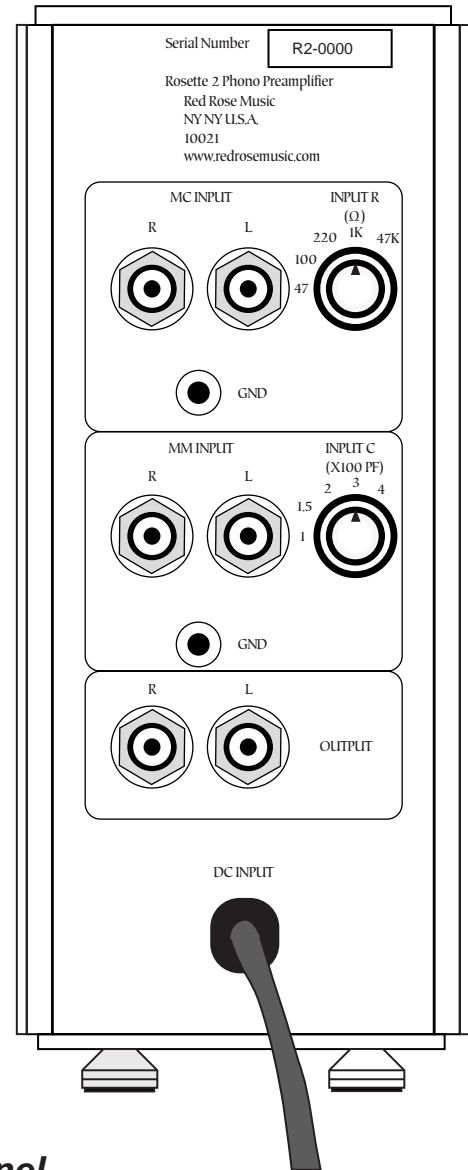
your amplifier. The fuse holder contains two fuses. The fuse farthest from the outside of the fuse holder is in line with the power cable. The second fuse is a spare. To open the fuse holder, disconnect the power cable from the amplifier, and insert the blade of a small flat-blade screwdriver into the hole at the top of the fuse holder and turn the screwdriver. To remove the active fuse, twist the fuse holder.

The Preamplifier



Front Panel

The front panel of the preamplifier has one control, a pushbutton selector switch, and two blue LED indicators. To change the type of cartridge you want to use with the preamplifier, push the MM/MC button. The LED indicator that corresponds to the currently active cartridge type will light.



Rear Panel

The preamplifier has separate inputs for moving coil and moving magnet cartridges. The INPUT R selector switch controls the impedance of the moving coil input. The INPUT C selector switch controls the capacitance of the moving magnet input.

The Right and Left Output connectors carry the line-level output signals from the preamplifier.

These outputs are normally connected to the inputs of a line-stage preamplifier or a power amplifier. The two GND terminals are grounding posts. If necessary, use one terminal to connect the turntable ground to the preamplifier, and the other terminal to connect the preamplifier ground to the amplifier ground.

Installing the Rosette 2

To install your Rosette 2 Preamplifier, follow these steps:

1. Choose a location for your preamplifier. To keep interference to a minimum it should be as close to your turntable as possible. Allow at least one inch (2.5 cm) of clearance around the top and sides of both pieces, and an inch (2.5 cm) between the two cases.
2. Connect the DC Input cable from the back of the preamplifier to the DC Output socket on the back of the power supply. When the plug is in the right position, it will fit into the socket easily. Do not try to force the plug.
3. Plug the audio cables from your turntable into the inputs of the preamplifier. If you are using a moving coil cartridge, use the MC INPUT connectors. If you are using a moving magnet cartridge, use the MM INPUT connectors. Connect the ground wire from the turntable to one of the GND terminals on the back of the preamplifier.
4. If you are using a moving coil cartridge, set the INPUT R control to match the impedance of your cartridge; if you are using a moving magnet cartridge, set the INPUT C control to match the combined capacitance of your cartridge and turntable. If you don't know the correct setting for your cartridge, consult the documentation supplied with the cartridge, or ask your dealer for assistance.
5. Connect the OUTPUT connectors on the back of the preamplifier to a pair of line-level inputs on your line stage preamplifier or power amplifier.
6. Plug the AC cable supplied with the preamplifier into the AC Input socket on the back of the power supply. Plug the other end of the power cable into an AC power outlet.

Rosette 2 Magnet / Moving Coil Phono Preamplifier

Chassis (locking umbilical cord)	2 (1 power supply unit, 1 phono preamplifier) with
Channels:	2
Gain:	MM 32 dB MC 60 dB
Sensitivity @ 1 kHz for 200 mV output:	MC .25 mV MM 5 mV
Signal/Noise: (ref 200 mV A weighted output)	MM ref 5 mV input @ 1kHz 65 dB MC ref .25 mV input @ 1kHz 68 dB
RIAA Equalization error:	+/- 0.20 dB from 30Hz to 20 kHz
Separation @ 1 kHz ref 8.8 VRMS Output:	MC 72 dB MM 60 dB
Overload at 8.8 VRMS output :	MC 15.2 mV MM 210 mV
Maximum output level:	8.8 VRMS
Input Capacitance:	MM selectable 100, 150, 200, 300, 400pf
Input Resistance:	MM 47k fixed MC selectable 47, 100, 220, 1k, 47 kOhm
Dimensions (Weight x Depth x Height) (Each chassis)	4.5 x 11 x 8.25 inches 11.43 x 27.94 x 20.96 cm
Weight:	14 lbs
Power Requirements: 10 Watts Max	Japan 100 Volts AC U.S. 117 Volts AC C.E. 230 Volts AC (not changeable)

Limited Warranty and Service

Your Red Rose Music preamplifier is warranted to be free of defects for five years after original purchase. If the preamplifier fails to perform within original specifications during the warranty period, we will repair or replace it at our option. This warranty does not apply to damage caused by physical abuse to the amplifier, or unauthorized modifications or repairs performed by anybody except Red Rose Music or its dealers, distributors, importers or designated service agents.

This warranty specifically excludes consequential damage to power amplifiers, speakers or other devices connected to the preamplifier. Red Rose Music is not responsible for any consequential damage.

You can contact Red Rose Music's service department at this address:

Red Rose Music
2729 152nd Avenue NE
Redmond, Washington 98052 USA

Voice: 425-869-8482

Fax: 425-869-1873

e-mail: support@redrosemusic.com

Outside the United States and Canada, contact your dealer or importer first.

Please use the original packing materials when you ship your preamplifier to us. If you did not save the original box, let us know when you request a return authorization, and we will send you another box. We will charge you for the replacement box at our cost.