



McCORMACK AUDIO

BEYOND YOUR EXPECTATIONS, WITHIN YOUR REACH.

INTRODUCTION

Thank you for purchasing the Remote Line Drive RLD-1. This preamplifier is handcrafted with top quality, highly reliable components. We are confident that you will be well satisfied with its sonic performance and find pleasure in its functional beauty.

Before you enjoy these experiences, however, please take a few minutes to read this Owner's Manual and acquaint yourself with the instructions for optimal operation. This will ensure your listening pleasure today, and for many years to come.

OPERATING INSTRUCTIONS

UNPACKING - Be sure to save the original box and packing materials. Store them in a dry environment. It is best to use the original packaging should you need to transport or ship the RLD-1.

INSTALLATION - Place the RLD-1 as closely as possible to its final installation location, while leaving yourself access to the rear panel. Choose a location with at least a few inches of ventilation space around the chassis.

LINE LEVEL SOURCE CONNECTIONS

Connect your line level sources (CD, DCC, Mini-Disc, VCR, tuner, cassette deck, phono preamplifier, etc.) to the input of your choice on the rear panel.

There are 5 line level inputs labeled CD, VIDEO, TUNER, TAPE, and PH/AUX for your convenience. If you have purchased the optional phono stage, then you will want to use the PH/AUX connectors for your turntable. If not, then use this input for any line level source you choose.

TAPE RECORDER/PLAYER CONNECTIONS

To use monitoring facilities built into a tape recorder, connect your tape deck (R-DAT, DCC, Mini-Disc, etc.) to the

TAPE 2 inputs and outputs, as indicated on the rear panel. The TAPE 2 IN jacks receive the signal from the deck; the TAPE 2 OUT jacks send the signal chosen by the source selector to your deck.

AMPLIFIER CONNECTION

Be certain your power amplifier is turned OFF, then connect it to the RLD-1 output of your choice. Two pairs of outputs are provided for special applications (eg. connecting self-powered subwoofers). These are wired in parallel and are electrically identical.

NOTE - The RLD-1 uses high-quality RCA phono jacks for input and output connections. Please remember that selecting high quality cables for use with this revealing component will result in superior sonic performance from your system. Your McCormack dealer will guide you in making this important component choice.

The RLD-1 uses a removable 3-wire grounded AC power cord. Plug the AC power cord into the RLD-1, then plug the other end into an appropriate wall socket.

When all connections are made, move the RLD-1 to its permanent location. Check again to be certain that all your plugs are fully inserted, making tight connections.

When first powered up, and with restoration of service after a power outage, the RLD-1 starts in Standby Mode. Press the button labeled STANDBY to begin normal operation. The RLD-1 will switch to its default settings, which are for CD input and -50 dB level settings.

Turn on your power amplifier.

BREAK-IN PERIOD

Your RLD-1 has already been burned in at the factory. However, like all high quality components, it will still require a break-in period of approximately 100 hours before it will sound its best. When not in use, switch the RLD-1 to

Standby mode which will shut down the displays and mute the outputs while keeping the audio circuits powered.

CONTROLS

All front panel and remote controls are "tact" switches which operate by pressing and releasing.

SELECT (front panel only) Pressing this switch steps sequentially through the five main inputs (CD, VIDEO, TUNER, TAPE, PH/AUX). An led illuminates to indicate the selected source.

CD, VIDEO, TUNER, TAPE, PH/AUX (remote control only) - On the remote control, the five main inputs may be directly accessed by pressing the associated button.

THEATER (front panel and remote) Theater Mode will only operate on the Video input. When Video is selected, this switch will toggle the unit in and out of Theater Mode. In Theater Mode, the RLD-1 is set to unity gain, and volume and balance controls are disabled. Other functions (Select, Monitor, Mute, Standby) work as usual.

MONITOR (front panel and remote) Pressing the Monitor switch toggles between the selected main source and the TAPE 2 input.

MUTE (front panel and remote) - The MUTE circuit turns off the main outputs, but does not affect the TAPE outputs.

VOLUME - + (front panel and remote) Press these buttons to decrease or increase the level setting. The actual setting, expressed in dB of gain, appears for each channel in the display window. Negative numbers indicate dB of attenuation. NOTE the volume control is disabled when the RLD-1 is in Theater mode.

BALANCE < > (front panel and remote) - Press these buttons to shift the balance to left or right. NOTE the balance control is disabled when the RLD-1 is in Theater mode.

STANDBY (front panel only) - This button will toggle the RLD-1 in and out of Standby Mode. In Standby Mode all displays are turned off except for the Standby led, which is lit. When switching out of standby mode, the RLD-1 returns to the previously selected source and level settings.

TROUBLESHOOTING

If you experience loss of power, signal, or indicator lights, check your cable connections and AC line cord carefully. Test your AC outlet to make sure it is supplying power. Check the AC line fuse located on the rear panel to make

sure it is intact. The fuse is located in a tray in the AC power cord receptacle, located in the lower left corner on the back of the chassis. The top section accepts a 3-prong power cord plug. Below that is a small tray which is divided into two sections, front and back. The back section holds the active AC line fuse; the front section holds a spare fuse. To open this tray, remove the power cord plug, insert a small screwdriver in the slot at the top of the drawer and pull out. If the fuse has blown, replace it once with the correct replacement fuse. Use only the correct replacement fuse value and type. The correct fuse for each voltage standard is listed in the specifications below. Check for proper operation. If it blows again STOP!

There are no user serviceable parts in the RLD-1 other than the AC line fuse. Contact your McCormack Dealer for service options.

SPECIFICATIONS

Line Amplifier Section

Gain: 20 dB

Bandwidth: 0.5Hz-300kHz +0,-3dB

Maximum Output: 3.5 v rms

THD: less than .1 % at 1.0 v rms out

Hum and Noise: 100 dB below 2.5 v rms out

Signal Polarity("Absolute Phase"): Non-inverting

Output Impedance: less than 100 ohms

Input Impedance: 13.5 kohms

Optional Phono Stage

MM Phono Sensitivity: 5mv for 0.5v @ 1kHz

MC Phono Sensitivity: 0.9mv for 0.5v @ 1kHz

MM & MC Phono Overload: 200mv

MM & MC Phono Input Capacitance: Adjustable (minimum = 100pF)

MM & MC Input Load Resistance: Adjustable (maximum = 47.5k ohm)

MM S/N: -80dB relative to 10 mv input

MC S/N: -75dB relative to 100 mv input

Fuse:

120 volt ac line: 200 ma 5 x 20 mm "t" type

240 volt ac line: 100 ma 5 x 20 mm "t" type

Mechanical

Dimensions: 19"W, 3.5"H, 11.25"D

Weight: 18 lbs.