

# ● RED ROSE MUSIC



## Model 3a

Mark Levinson promised to make the finest sonic quality available to the wider audience. His new company, Red Rose Music, offers products, which fulfill this commitment. These new products are affordable, compact and easy to use. Red Rose Music's new range of ribbon speakers and vacuum tube products are destined to become modern classics. Audio designer Victor Tiscareno, in combination with ideas from Mark Levinson, provides stunning advances in sonic performance.

Starting with an unusually linear, all vacuum tube signal path and employing edge-of-the-art design and construction techniques, the **Model 3a** line level preamplifier presents an unusually high degree of musical integrity from source to amplification. Carefully auditioning, hand selection and individual matching of active and passive components further insures musically faithful reproduction of the source.

From the gracefully sculpted exterior and the elegantly conceived and executed circuitry, the **Model 3a** is a physical extension of our desire to provide the most musical satisfying experience possible.

The Model 3a line level preamplifier is ideally used with the Model 2a and a pair of the stunningly beautiful Rosebud II loudspeakers. The Rosette 2 phono preamplifier or a SACD player is available for listeners who want provide superlative sonic results with vinyl playback.

*RRM recommends that listeners use SACD's and LP's as sources. Limitations in the PCM operating system of the CD typically cause irritation and dissatisfaction that cannot be overcome. Sony's new SACD format, based on the DSD operating system, does solve this problem, provided that recordings are not made with PCM processing.*

# Model 3a

## Line Level Preamp

### Design Details and Features

**Operational Characteristics:** Class A

**Gain Architecture:** All vacuum tubes signal path

**Power Supply Architecture:**

- Detachable RFI/EMI shielded external power supply
- 11 discreet FET regulated- All gain stages individually regulated buffered
- EMI/RFI power line filtration using AudioPrism's proprietary Quiet-line® technology

**Input Connections:** Single-ended, gold plated, Teflon® insulated, line-level inputs for Phono (line-level) CD, Tuner, Video and Tape

**Output Connections:** Two pairs of single ended, gold plated Teflon® insulated, outputs for the connection of multiple amplifiers

**Control Section:** Five-position input selector, dual stepped volume control using precision metal film resistors (only two resistors in the signal path at any position) Operation selector for on, mute and standby (designed to extend tube life) All control switches are amperage, low-loss construction with silver-plated contacts. Source selector switches both "hot" and ground simultaneously.

**Internal Construction:** All circuit boards are vibration isolated, glass-epoxy, copper-traced full ground plane design active components are hand selected and matched-internal wiring is OFC copper-each channel is separated from input to output for shortest signal path and maximum isolation.

### Technical Specifications

**Tube complement:** (2) 6DJ8, (2) 12AU7 or 5814

**Frequency Response:** 3.5 Hz –300 kHz  $\pm$  3 dB (0 dB attenuation)

**Gain:** 20 dB @ 1 kHz

**Total harmonic Distortion:** <.15% @ 1volt

**Input impedance:** 20 k $\Omega$

**Output impedance:** 220 $\Omega$

**Signal to noise:** >90 dB (1volt @ 100 k $\Omega$ , 95 dB typical)

**Stereo separation:** > 90 dB from 10 Hz to 100 kHz

**Channel Balance:** .2 dB maximum

**Maximum Input Voltage:** 7 volts RMS

**Maximum output Voltage:** 17 volts RMS

(0 dB attenuation, 1.3 volts RMS input, 1% THD)

**AC power requirements:** 120 VAC (100~240V available upon request)

### Dimensions:

**Preamp:**

Height: 3.92inches (9.96 cm)

Width: 17.00 inches (48.26 cm)

Depth: 12.50 inches (44.45 cm)

Weight: 14.0 lbs. net (5.45 kg)

**Power Supply:**

Height: 3.0 inches (7.62 cm)

Width: 5.0 inches (12.70 cm)

Depth: 10.50 inches (4.60 cm)

Weight: 10.0 lbs. net (4.60 kg)



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