



Bellari

RP503 TUBE CHANNEL

- Tube Mic Preamp
- Optical Compressor
- Equalizer

The Bellari RP503 is a single rack space mic preamp, compressor/limiter, and three band equalizer designed for the professional audio and home recording market. The unit is ideal for any recording situation, but proves most effective in natural, pleasant signal conditioning for the digital recording medium.

FEATURES

- Warm, silky tube preamplification
- +48 Volt Phantom Power
- Smooth, natural optical compression
- Side Chain for direct access to the compressor's detector circuits
- Calibrated VU metering
- Three band EQ with sweepable mid section
- All tube gain circuitry with high-voltage plate voltages
- 1/4" and XLR inputs and outputs

SPECIFICATIONS

Input Impedance:	600 Ohms balanced 50K Ohms unbalanced (1/4")
Output Impedance:	50 Ohms TRS Balanced
Max Input Level:	-15 dBV XLR 600 Ohms +18 dBV 1/4"
Max Gain:	+65 dB
Max Output Level:	+22 dB
Frequency Response	20Hz - 25kHz +/-3dB
THD + Noise	<0.1% typical
Noise Floor	-75 dB
Equalizer Boost/Cut:	+/- 15 dB
Equalizer settings:	
Low shelf:	150 Hz
High shelf:	10 kHz
Mid frequencies:	300 Hz - 5 kHz, Q = 1
Compressor settings:	
Threshold:	-30 dB to +20 dB
Ratio:	2:1 to 8:1
Indicators	Phantom Power LED, Clip LED, Power LED
Input/Output jacks	Analog VU Meter XLR balanced 1/4" unbalanced 1/4" TRS unbal. Side Chain
Dimensions	1.75" x 6" x 19" (90mm X 162mm X 482mm)
Weight	3.5 lbs. (1.75 Kg)
Power	120VAC (230VAC) 15VA

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