

LP-100

MM/MC Audiophile Grade Tube Phono Amplifier



Overview:

With output variances in the multitude of phono cartridges available to the audio enthusiast as well as the variety of input variances seen in the front end of amplifiers and preamplifiers for use with MM and MC cartridges, most of the time the cartridge used is not matched to the amplifier. This creates a less than pristine performance of the vinyl. The higher definition of the total end to end system, the more noticeable the mismatch. Dared has developed a professional high end and fully user adjustable front panel accessible phono preamplifier for MM and MC cartridges.

First and foremost, the capacitance of the input of the amplifier should more or less match the value of the cartridge. The higher the capacitive value of the input of the phono stage, the duller the sound will be. As a result, a mismatch between the capacitance output of the phono cartridge and the amplifier's input may result in either a dark dull sound or overly bright an distorted sound and signal. Added, the quality of the cable between the cartridge and the phono stage also comes into play.

Attributes:

Introducing the revolutionary LP-100. While many higher end amplifiers allow users by way of rear or bottom panel mounted dip switches the ability to adjust for capacitance and resistive phono input loading, they are not fully adjustable. Dared's LP-100 allows one total control with ease of adjustment by way of front panel controls. Impedance, Capacitance and Gain all adjustable for both MM and MC cartridges. A subsonic filter is also standard. Added to the total control and sound experience, true imaging and outstanding audio quality is achieved where the LP-100 uses audiophile grade tubes and specially selected high-end components offering as a result an extreme low noise output to amplify the MM/MC cartridges signal.

Characteristic:

- . Two sets of RCA Gold Plated Inputs (MM & MC)
- . One sets of RCA Main Gold Plated Outputs
- . Adjustable Gain (0dB, -3dB, -6dB, -9dB, -12dB, -15dB, -18dB)
- . Front panel cartridge loading
- . Capacitive loading (6 settings)
- . Resistive loading (6 settings)



Specifications:

- . Power Supply Input: 50W
- . Voltage Range: 100-120V, 220-240V
- . Max. Current Draw Indicated: 50W
- . Power Consumption: 50W
- . Distortion Spec.: 0.07% (1kHz)
- . Tube compliment: (1) ECC85(6N1) (2) 12AX7
- . Inputs: one pair MC (RCA); one pair MM (RCA)
- . Outputs: one pair RCA outs
- . MC gain: max. 63dB (adjustable to 66dB and 60dB)
- . MM Capacitive Loading: 10pF, 20pF, 47pF, 100pF
- . MM Resistive Loading: 47K fixed
- . MC Resistive Loading: adjustable 20ohms, 50ohms, 75ohms, 100ohms, 200ohms, 500ohms
- . Frequency Response: 10Hz – 25kHz (± 2 dB)
- . Power sequence: Mute delay power up sequence with soft start for improved tube life
- . Dimensions: 380x280x125mm / 14.96"x11.02"x4.92" (WxDxH)
- . Weight: 8kg / 17.64lbs

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