



Sound Skulptor MP573 User manual

Installation

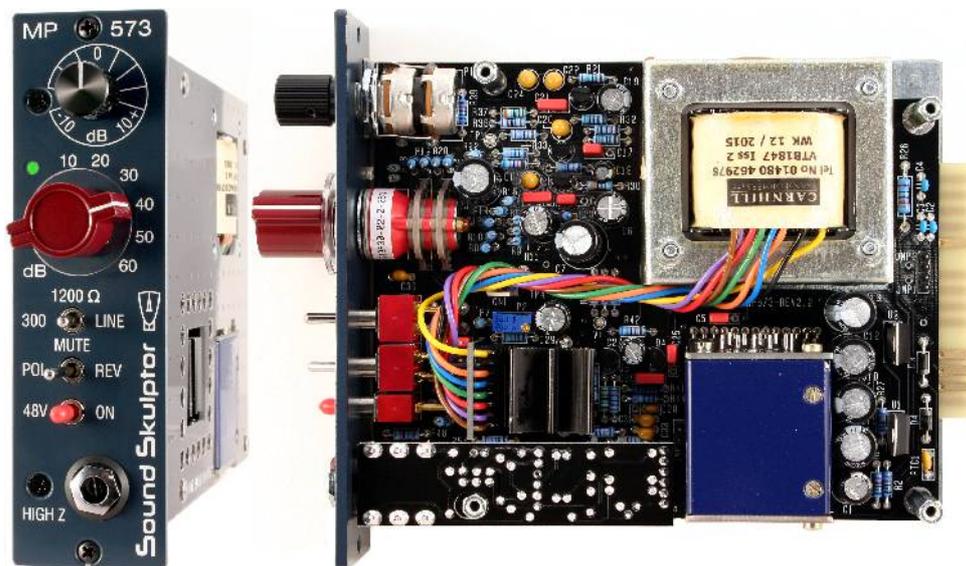
The lunchbox (or rack) hosting the preamp must be installed in a well ventilated area. Class A circuits are known to produce heat.

Do not omit the 2 fixing screws on the module front plate before moving. It is pretty heavy and the weight would put too much pressure on the back connector.

Connections

The preamp connects to the rear female XLR for input and to the rear male XLR for output. The XLR pinout is as follows :

- Pin 1 : Ground
- Pin 2 : + Signal
- Pin 3 : - Signal



A Direct Instrument, high impedance, input is available on the front. A relay is automatically switched when a jack is inserted. It connects the DI signal to the input transformer of the preamp.

Gain

The gain is set by a 6 position switch from 10 to 60dB.

The trim potentiometer can add or subtract 10dB to this value, allowing the gain to range from 0 to 70dB.

The Impedance switch adds another 6 dB of gain in the 300 position and reduces it by 26 dB in the LINE position.

In the 10 and 20dB positions, the first stage is entirely bypassed, allowing high level signal to be processed.

LED

When green, the LED gives feedback about the preamp activity, when red, it is a clipping indicator. It is driven by the 2 stages. If you want to know which stage is clipping you must Lower the Trim potentiometer: If the LED goes back to green then clipping occurs in the output stage, if not, clipping occurs in the first stage.

Input impedance

300 Ohms: Use this setting with low impedance microphones like ribbons.

1200 Ohms: This is the usual setting for most microphones.

LINE: This setting adds an attenuation pad on the input that increases the impedance to 10 kOhms.

Pol

Reverses phase when pushed to the right. Mutes the output in the centre position.

48V

Activates phantom power when pushed to the right, for static microphones. Do not forget to mute monitoring before switching to prevent loud clicks.