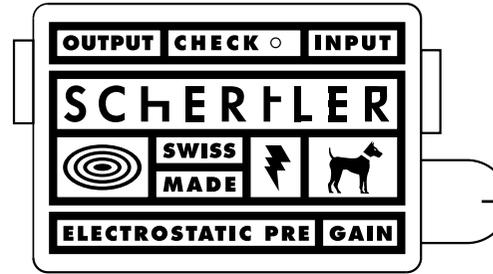


# TECHNICAL INFORMATION

# QUICK GUIDE



Weight	0.16 kg
Dimensions (LxDxH)	10.3 x 5.5 x 2.5 cm
Frequency response (@ ±3 dB)	40 Hz to 20 kHz
Construction	Aluminum box
Mic In connector	n.a.
Mic In sensitivity	n.a.
Mic In impedance	n.a.
Instrument In connector	1/4" jack unbalanced
Instrument In sensitivity	0 dBu
Instrument In impedance	25 kΩ
Return connector	n.a.
Return sensitivity	n.a.
Return impedance	n.a.
Master Out connector	1/4" jack unbalanced
Master Out level	8 dBu
Master Out impedance	190 Ω
Warm	1st order Low pass (cut freq. 2 kHz) always on
Low Cut	2nd order High pass filter (cut freq. 100 Hz) always on
Phantom power (nominal)	No
Stat power (10 VDC)	Yes
Preamp	Class-A, no negative feedback
Audio transformer	No
Supply	9 V alkaline battery

The preamplifier requires a 9 V battery, which should deliver nearly 500 hours of playing time.

Equipped with a single INPUT and OUTPUT, plus a GAIN control for adjusting the level of input signal, the preamp is activated when jack cables are inserted into both the INPUT and OUTPUT sockets. (If only the INPUT is connected, there is no use of battery power.) However, to preserve battery life it is generally recommended that all cables are disconnected when the preamp is not in use.

To check the battery level, insert a mono jack into the OUTPUT. The blue CHECK light indicates a charged battery. The system will be ready to work once a jack is also inserted into the INPUT.

To change the battery, carefully remove the four screws from the housing cover, replace the battery, then replace the screws.

**WARNING:** Although all ground connections are correctly implemented on the STAT system (pickup, cables, STAT PRE box and circuit), they are not directly connected to ground (and are therefore "floating"), as they actually depend on the grounding connection of the device to which the STAT system is connected. If that device is not properly grounded, or generates a ground loop, it is possible to experience hum. Solving the problem requires attention to the device's ground connection, usually via the GROUND LIFT switch.

In short: the ground connection must be provided by the device to which the STAT system is connected.