

Millenium

IP 3

User manual

This manual contains important information on the safe operation of the device. Read and follow the safety advice and instructions given. Retain the manual for future reference. If you pass the device on to others please include this manual.

Safety instructions

Intended use

This device is used to preamplify microphone signals. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

Danger for children



Ensure that plastic bags, packaging, etc. are disposed of properly and are not within reach of babies and young children. Choking hazard! Ensure that children do not detach any small parts (e.g. knobs or the like) from the unit. They could swallow the pieces and choke! Never let unattended children use electrical devices.

Where to use the product

Never use the product

- in direct sunlight
- in conditions of extreme temperature or humidity
- in extremely dusty or dirty areas
- at locations where the unit can become wet
- near magnetic fields

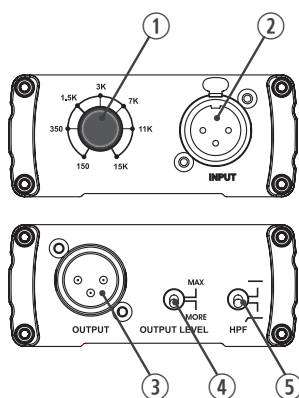
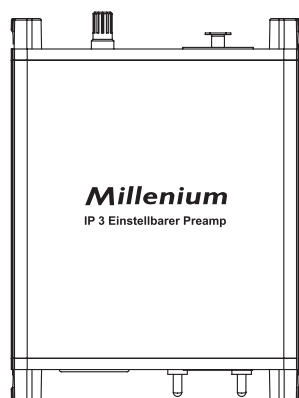
General handling

- To prevent damage, never use force when operating the switches and controls.
- Never immerse the appliance in water. Just wipe it with a clean dry cloth. Do not use liquid cleaners such as benzene, thinners or flammable cleaning agents.

Keep foreign substances from the unit!

Keep the device away from containers with liquids. Should any liquid get into the unit, this could lead to its destruction or fire. Be sure not to let any metal objects into the unit.

Operating elements



- ① Input impedance control
- ② INPUT: Input socket
- ③ OUTPUT: Output socket
- ④ OUTPUT LEVEL: Toggle switch output level
- ⑤ HPF: Switch for high pass filter

Using the device

1. Connect the microphone whose signals are to be preamplified to the XLR input socket (INPUT, ②).
2. Connect the device that is to process the preamplified signals to the output socket (OUTPUT, ③) using a balanced XLR cable. This device must provide the IP 3 with 48 V phantom power. The IP 3 will not work without it. The phantom power is not routed to the microphone, ideal for use with dynamic or ribbon microphones. However, use with condenser microphones or other microphones that require phantom power due to a built-in preamplifier is not possible.
3. Set the input impedance with the control ① to the desired value.
4. Set the OUTPUT LEVEL switch (④) to the position that will match the output level appropriate for your application.
5. If you want to lower impact sound or hand noise in the microphone signal, move the switch ⑤ to the HPF position.

Technical specifications

Housing material:	Aluminium
Gain:	25 dB
Frequency response:	20 Hz – 20 kHz ± 1 dB
Input impedance:	adjustable
Noise	-70 dB
Dimensions (L × H × D):	100 × 38 × 90 mm



For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling. Ensure that plastic bags, packaging, etc. are properly disposed of. Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.



This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) in its currently valid version. Do not dispose of your old device with your normal household waste. Dispose of this product through an approved waste disposal firm or through your local waste facility. Comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.