

# Millenium

DI-33

## Quick Start Guide

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

## Safety instructions

### Intended use

This device is intended to be used for impedance conversion and balancing of signals from musical instruments with electromagnetic pickups. 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 properly disposed of and are not in the 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 product. They could swallow the pieces and choke! Never let children use electrical devices unattended.

### Risk of fire due to incorrect polarity



Incorrectly inserted batteries may destroy the device or the batteries. Ensure that proper polarity is observed when inserting batteries.

### Possible damage by leaking batteries



Leaking batteries can cause permanent damage to the device. Take batteries out of the device if it is not going to be used for a longer period.

### Where to use the product

Never use the product

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

### General handling

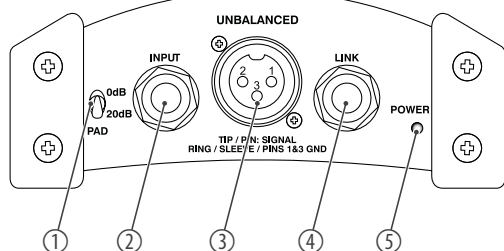
- To prevent damage, never use force when handling the product.
- Never immerse the product in water. Just wipe it with a clean dry cloth. Do not use liquid cleaners such as benzene, thinners or flammable cleaning agents

## Features

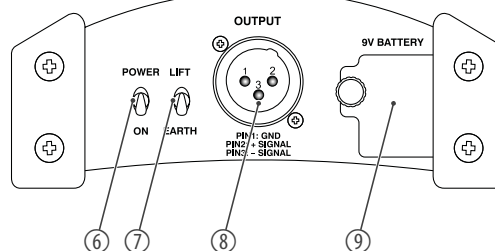
- Active DI box
- Input signal with PAD switch (20 dB or 0 dB)
- Galvanic isolation
- Sturdy metal housing with corner protectors

- Frequency range: 10 Hz - 40 kHz
- Operation with 9 V block battery (not included) or phantom voltage

## Connections and operating elements



- |              |  |
|--------------|--|
| 1 PAD        | Switch to decrease the input signal (+20 dB or 0 dB)   |
| 2 INPUT      | 1/4" jack socket to connect an instrument  |
| 3 UNBALANCED | XLR chassis socket to connect an instrument  |
| 4 LINK       | 1/4" jack socket to connect an amplifier or similar  |
| 5 POWER      | The LED lights up when the device is powered by phantom voltage.<br>The LED flashes when the device is powered by the 9 V battery. |
| 6 POWER/ON   | Switch to turn the device on or off  |
| 7 LIFT/EARTH | Ground/Lift switch<br>Set the switch to the "LIFT" position to interrupt the internal connection to pin 1 of the output.           |



- |              |   |
|--------------|---|
| 8 OUTPUT     | XLR chassis socket to connect a mixer or similar  |
| 9 9V BATTERY | Battery compartment<br>To install the battery, untighten the knurled screw and open the cover towards the edge of the device. Attach the flying lead battery terminals to the battery respecting the polarity. Insert the battery into the compartment, reset the cover and retighten the knurled screw.<br>Should the supply via phantom voltage fail, the device switches automatically to battery operation. |

## Technische Daten

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|-------------------------|---|
| • Input connections     | 1 × 1/4" jack socket, unbalanced<br>1 × XLR chassis socket, 3-pin, unbalanced |
| • Input impedance       | > 47 kΩ   |
| • Maximum input level   | 0 dB, +20 dB, +40 dB  |
| • Output connections    | 1 × 1/4" jack socket, balanced<br>1 × XLR chassis plug, 3-pin, balanced       |
| • Frequency range       | 10 Hz - 40 kHz  |
| • Signal-to-noise ratio | 105 dB  |

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|-----------------------------------|---|
| • Total harmonic distortion (THD) | < 0.005 % (1 kHz, 0 dBu)  |
| • Battery                         | 9 V block battery   |
| • Degree of protection            | IP20  |
| • Dimensions (W × H × D)          | 160 mm × 80 mm × 150 mm   |
| • Weight                          | 720 g   |
| • Ambient conditions              | Temperature range 0 °C...40 °C<br>Relative humidity 20 %...80 %<br>(non-condensing) |



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.



Batteries must not be disposed of as domestic waste or thrown into fire. Dispose of batteries according to national or local regulations regarding hazardous waste. Dispose of empty batteries at appropriate collection sites.



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.