



EarthQuaker Expression Pedal Quick Start Guide

STOP! Please read this before connecting your EarthQuaker EQD-1

What is the EQD-1?

The EQD-1 is an expression pedal designed for use with all EarthQuaker Devices effects pedals. It can also be used with many other effects units, controllers, keyboards, and synthesizers.

Power

Connect a suitable 9V DC center pin **NEGATIVE** power supply to the power **IN** jack. It is recommended to use a power supply capable of at least 100mA. Current draw during normal use is approximately 30mA.

Note:

The factory default setting for **OUT1** is 25K. This setting is passive and can be used without the 9V power supply connected if required. All other settings and outputs require the power supply to be connected.

Connections

Connect **OUT1** from the EQD-1 to the expression input of your device using a ¼" TRS -TRS cable. A TRS cable is required. Regular TS instrument cables will not work. The factory default setting for **OUT1** is 25K Ohm which is best in most cases. Some effects such as the EarthQuaker

Devices Hummingbird work better with a 100K expression pedal. To change **OUT1** to 100K, remove the four rubber feet and baseplate. Locate the selector switch at the top right of the circuit board next to the output jack. Set the switch to the B position. To return to the 25K setting, set the switch to the A position. Replace the baseplate and feet after changing this setting.

OUT2 provides a 5V control voltage. This output should be used with devices that require a +5V CV input. The EarthQuaker Devices Afterneath works best with the CV output. Connect **OUT2** to the CV input using a ¼" TS instrument or patch cable. A TRS cable is not required for CV but will work if used.

Only connect OUT2 to inputs designed for a +5V control voltage. Connecting CV to any other input may damage the device.

Adjustments

The tension of the rocker can be adjusted using the tension adjustment screw on the rear of the base. When adjusting the tension, be careful to over tighten the screw and damage the tension block.

Do not attempt to install without using the rubber feet

as damage may occur. The Mission PR-1 pedal riser kit is recommended for pedalboard installation.

Specifications

Electrical/Mechanical

Internal resistance – 25K Ohm or 100K Ohm

Taper – Linear

Polarity **OUT1** – TRS, tip to wiper

Polarity **OUT2** – TS tip to 5V+, sleeve to 5V-

Power – 9VDC center negative, 100mA

Dimensions

Base length at longest point – 9.9"

Base width at widest point – 4.0"

Height at highest point including feet – 3.25"

Pedal length – 8.7"

Pedal width at widest point – 3.0"

Weight 3.5lbs

Safety Instructions

- Clean only with a dry cloth
- Do not use near water
- Unplug during lightning storms or when unused for long periods of time
- Do not block any openings
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat

- Only use attachments/accessories specified by the manufacturer
- Prolonged listening at high volume levels may cause irreparable hearing loss and/or damage. Always be sure to practice safe listening.

Refer all servicing to qualified service personnel. Service may be required if :

- Liquid has been spilled or objects have fallen into the apparatus
- Exposure to rain or moisture
- The unit has been dropped or damaged
- The unit does not operate normally or changes in performance in a significant way

For warranty and service information visit <https://missionengineering.com/returns>



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