

SAFETY INSTRUCTIONS

- Read, Keep & Follow these instructions
- Heed all warnings
- Clean only with dry cloth
- Do not use this apparatus near water
- Do not expose the apparatus to dripping or splashing and ensure that no objects filled with liquids, shall be placed on the apparatus
- **WARNING:** To reduce the risk of fire or electric shock do not expose this apparatus to rain or moisture
- Unplug this apparatus during lightning storms or when unused for long periods of time
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions
- 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 is required when the apparatus has been damaged in any way, such as:
 - power-supply cord or plug is damaged
 - liquid has been spilled or objects have fallen into the apparatus
 - the unit has been exposed to rain or moisture.
 - the unit is dropped or the enclosure is damaged
 - the unit does not operate normally or changes in performance in a significant way

SPECIFICATIONS

Electrical Specifications

Potentiometer

Internal resistance - 10K Ohm

Taper – Linear

Polarity – Tip to wiper

Function – Voltage Divider

Usage rating > 1M cycles

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"

Pedal width at narrowest point - 2.3"

Weight - 3.5lbs



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Kemper Profiling Amp Expression Pedal

EP1-KP



USER GUIDE

INTRODUCTION

Congratulations on your purchase of the Mission EP1-KP expression pedal. This product is designed to be intuitive to setup and operate, and to provide many years of trouble free service.

However, we recommend that you take a few moments to read through this User Guide in order to get the best possible experience with your new pedal.

FEATURES

The EP1-KP is an expression pedal designed for use with the Kemper Profiling Amplifier. It features Mission's unique switching expression pedal function that allows effects to be turned on and off at the pedal, just like a conventional analog effect. The pedal is matched to the amplifier to utilize the full sweep and provide a smooth response with no dead spots.

The EP1-KP is a passive device and requires no internal battery or external power source.

CONNECTIONS

The EP1-KP uses two ¼" phone plug outputs marked **OUT1** and **OUT2** on the underside of the pedal. **OUT1** is the expression pedal output, and **OUT2** is the footswitch output. Connect **OUT1** to switch/pedal input 1 on the rear panel of the amplifier using a ¼" TRS-TRS instrument cable, such as the Mission MCTRS10A cable. TRS stands for Tip, Ring, Sleeve and is a three-conductor cable. It is sometimes also called a *stereo*, or *balanced* cable (See Figure 1.)

OUT1 requires the use of the correct cable with a TRS connector at both ends. A mono TS cable such as a regular guitar cable, and insert cables that have both TS and TRS plugs, will not work.

Figure 1.



Figure 1. shows a TRS connector with the three conductors separated by the black insulation bands. The pointed front of the connector is the tip, the middle band is the ring, and the large conductor at the rear nearest the plug body is the sleeve.

Use of the internal footswitch is optional. To use the footswitch, connect OUT2 to switch/pedal input 2 on the rear panel of the amplifier using a standard mono (TS) ¼" guitar or patch cable.

NOTE

The toe switch on the EP1-KP is the quiet momentary type. The switch will still be operating even though no audible click will be heard. The Profiler and Profiler Remote require a momentary switch for correct operation.

When using the Kemper Remote, the maximum number of inputs is 6 (4 on the remote, and 2 on the rear panel of the Profiler). Each input can be configured for either expression pedal or switch.

When using the footswitch option, both inputs on the amplifier are used and the maximum number of pedals that can be connected via the back panel is one. If you intend to use another method of turning effects on an off such as MIDI, auto-detection, or front panel switches then the switch out can be left unconnected and you can connect a maximum of two EP1-KP pedals to the amplifier.

ADJUSTMENTS

The tension of the rocker can be adjusted using the tension adjustment screw on the rear of the pedal between the rocker and the base. Use the hex key provided to tighten the adjustment screw until the pedal remains in place. It maybe necessary to adjust this screw every once in a while to compensate for use and environmental conditions such as very hot or cold weather, when the pedal has been stored for a long period, or after shipping. **When adjusting the tension, be careful not to over tighten the screw and damage the tension block.**



If your pedal has been fitted with the spring load option the tension adjuster and hex key are not included.

For fixing to a pedalboard, we recommend using the Mission PR-1 Pedal Riser Kit. **Do not attempt to screw the base plate to the pedal without the supplied rubber feet.** Damage may occur if the rubber feet are omitted.

SCAN BELOW FOR
THE KEMPER/EP1-KP
SET UP VIDEO

