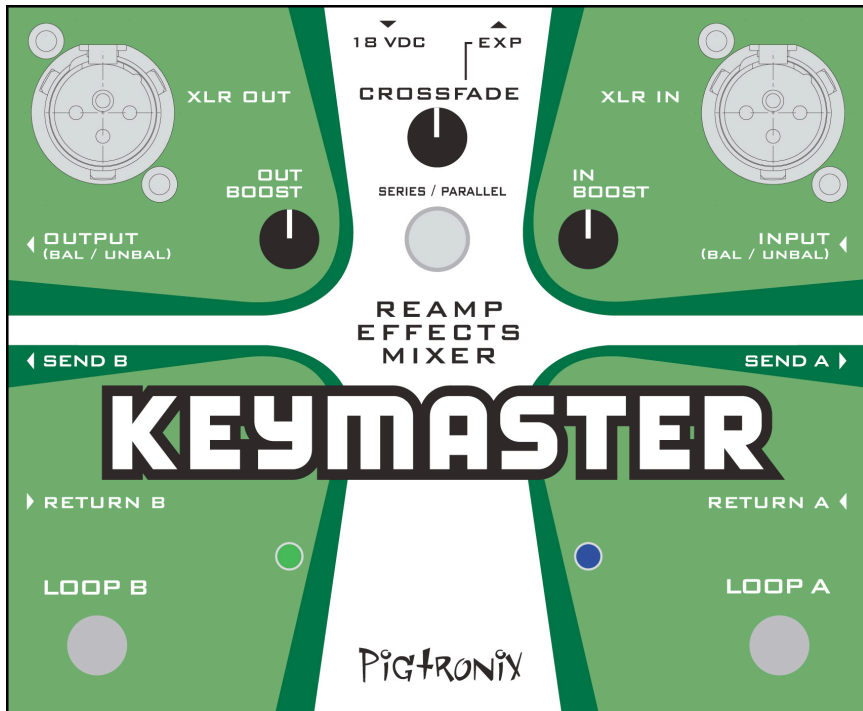


PiGTRONIX™

Keymaster

User's Guide



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WELCOME!

Thank you for entering the realm of Pigtronix. The Keymaster you now possess is a universal analog signal converter that will allow you to interface any audio source with instrument level "guitar" pedals and return your signal back to the proper impedance on its way back out of this crafty little box. The ability to run the loops in series or blend them in parallel will lead to new sonic possibilities using the gear you already own.

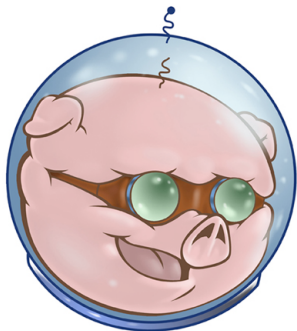
As the name entails, Keymaster is designed to function in many situations:

On a pedal board it is a dual, true-bypass looper, giving you access to two preset signal chains of pedals. Furthermore, you can mix the channels, allowing for blended distortions with a crossfade via expression pedal and out-of-this-world modulation combinations. The gain sections also serve as line driver / pre-amp stages for your instrument.

In the studio, the Keymaster provides producers with a simple and effective solution for ReAmp applications. The Keymaster converts balanced, line level signals from the mixing desk to effects friendly levels and then returns the signal back to balanced output or buffered 1/4" outputs for a guitar amp

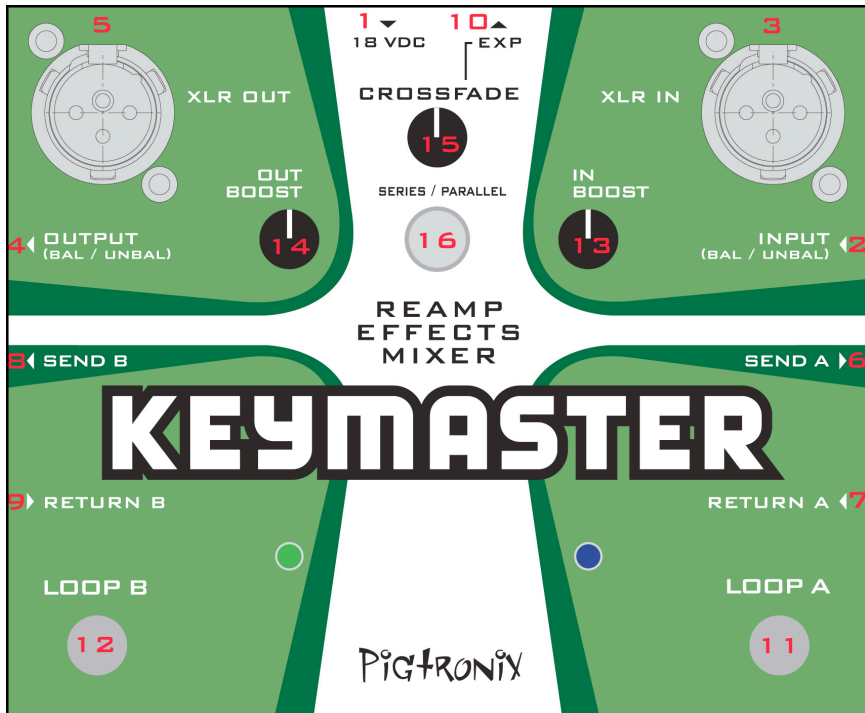
For Stage Vocalists, DJs, Rappers, Beat Box and Horn the Keymaster finally gives convenient on-stage access to the tools that guitarists use to define their sound. Keymaster is the ideal solution for anyone who uses a mic on stage, acting as a hub for getting your tone into effects and right back to XLR for the soundman or to your own amp.

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ANATOMY OF THE KEYMASTER:

The Interface:



Jacks:

1. DC POWER 18-VOLTS – We suggest you use *only* the 18-Volt, 2.1mm negative tip power supply that came with your Keymaster. Using the wrong power supply is likely to result in a damaged pedal.
2. INPUT (BAL / UN-BAL) – Plug in your instrument here. TS or TRS ¼"
3. XLR INPUT – Plug mic / line level signals here. **Note: XLR INPUT is bypassed when 1/4" input is in use.**
4. OUTPUT (BAL / UN-BAL) – Plug in your amp, mixer, or DI box here. TS or TRS ¼"
5. XLR OUTPUT – Output mic / line level signals here. **Note: XLR OUTPUT is bypassed when 1/4" output is in use.**
6. SEND A – Send to input of pedal chain for LOOP A
7. RETURN A – Return from pedal chain for LOOP A

8. SEND B – Send to input of pedal chain for LOOP B
9. RETURN B – Return from pedal chain for LOOP B
10. EXP – This allows for expression pedal crossfade between the two loops in parallel mode.

Footswitches:

11. LOOP A – Turns on LOOP A
12. LOOP B – Turns on LOOP B

Knobs:

13. IN BOOST – Up to 10db of input gain going into the loops.
14. OUT BOOST – Up to 10db of output gain going out of the loops.
15. CROSSFADE – This dial controls the output mix between LOOP A and LOOP B when the Keymaster is in parallel mode. Bypassing one of the loops will allow you to mix the other loop with your original input signal.

Toggle Switches:

16. SERIES / PARALLEL - In series mode, LOOP A will come before LOOP B. In Parallel mode, the audio in LOOP A and LOOP B are mixable via the CROSSFADE knob.

NOTES:

- In the Parallel mode, bypass one loop to crossfade your clean signal with an effect in the other loop.
- In the Series mode, the CROSSFADE knob is not active. In the Series mode, LOOP A is followed by LOOP B.
- The Keymaster is not intended for use as a standalone mic preamp. However, with the large amount of headroom this device provides, you can feel free to put a mic pre in one or both of the FX loops.
- The XLR input option is bypassed when you use the 1/4" input. The XLR output option is bypassed when you use the 1/4" output.
- Use the Keymaster as an active A/B/Y splitter to run two amps from the SEND jacks.
- Use the Keymaster as an A/B/Y to mix two instruments by running them into the RETURN jacks

LIMITED WARRANTY:

Your Pigtronix effect pedal comes with a 1 year limited warranty on parts and workmanship. During the warranty period we will repair or replace, at our option, defective parts or pedals free of charge, and return them to the owner. Warranty service does not include damaged, modified, or misused pedals and such pedals will be subject to a standard repair charge.

Contact us directly via email and describe the problem to us. If the problem cannot be resolved we will have you send your pedal directly to us for servicing.

How to contact us for warranty service:

Email: tech@pigtronix.com

Warranty Limitations: This warranty does not cover defects resulting from improper or unreasonable use, accident, unauthorized tampering or modifications; and, warranty shall be considered void if REM chassis has been opened. Please consult the instructions and warnings in this manual for proper use. Warranty is only valid if your REM has been properly registered within 30 days of original purchase date, and upon warranty registration, will be valid for 12 months from original purchase.

To validate your 1-year, limited warranty, please register your REM, **within 30 days of purchase**, on the web at:

www.pigtronix.com/warranty

SAFETY PRECAUTIONS:

The safety precautions listed below are intended to ensure your safety whenever you use the REM.

NEVER OPEN THE CASE – Never try to separate the two pieces of the chassis from one another and/or modify the equipment. Opening this device will effectively void the warranty.

STOP USE IN CASE OF PROBLEM – Stop using the equipment if ever you should notice smoke or a strange odor coming from it.

Contact Koltai@pigtronix.com for service.

AVOID HIGH TEMPERATURES & HEAT BUILD UP – Never cover the power supply with cloth or other objects. Built up heat creates a danger of equipment deformation and fire. Do not expose the REM to direct sunlight, heating devices, or other extreme temperatures.

USE SPECIFIED POWER ADAPTOR ONLY – Be sure to use only the 18-Volt DC 300mA Adapter that came with your Pigtronix REM.

DO NOT EXPOSE TO WATER/BEER – To reduce the risk of fire or electric shock, do not expose your REM to rain or moisture. If water gets inside the unit, turn off the power.

Final Notes:

Years of work have gone into making the REM Pedal possible. We would like to thank the following people for their help along the way:

Howard Davis, Lisa Rickmers, the Bethke and Koltai families, Matt Smith, Paul Schwartz at Peekamoose Guitars, Soulive & Lettuce, Greg Tobler, Hector Castillo, Aaron Reed, Dan Pavone, Kevin Tobler, Ben Artes, Fitz and B-Dawg.

Howard "Mick" Davis and David Koltai designed the Pigtronix Keymaster during 2008 & 2009 in Brooklyn, Yonkers and Port Jefferson, NY.

We hope you enjoy your new REM pedal! Please check our website, www.pigtronix.com or contact us at (631) 331-PIGS (7447) for the latest information on new Pigtronix gear.

Dave Koltai & Brian Bethke

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