

Order No. R800 2020



The Firefly is a 12AX7 tube direct box, designed to facilitate live performance while delivering studio quality audio. Selectable A or B inputs with separate level controls enable the user to switch between two basses, or acoustic guitars quickly between songs. A variable low cut (high pass filter) lets you 'size the instrument by reducing low frequency resonance. This helps clean up the mix and reduce feedback. Drag control load correction further enhances the functionality by allowing magnetic pickups such as found on a Fender bass to be optimized. Turning off the Drag control raises the input impedance to 4 meg-ohms to smooth out the squawk and peaks common to piezo pickups. The rear panel features stacked ¼" inputs, TRS insert and a thru connector for the stage amp. A separate tuner output works with the optional JR2 footswitch to remotely switch channels and mute the system for quiet on-stage tuning.

**Features**

- Dual input with optional remote footswitch
- 12AX7 tube drive stage for warm tone
- Transformer output to eliminate noise
- Variable high-pass resonance filter

**Applications**

- Perfect front end for recording bass direct
- Piezo ready to capture upright bass or acoustic
- Ideal for recording and live performance
- Add analog tube warmth to instruments

**Cool Factors**

- Can be rack mounted for concert touring
- Ultra-efficient switching between instruments
- Sounds absolutely amazing
- Looks great too!

POL 180°: Polarity inverts the XLR output to reduce resonant peaks that cause feedback hot-spots.

GROUND LIFT: Disconnects pin-1 at the XLR out. Helps reduce noise caused by ground loops.



AUX PRE/POST: When set to the inward position (pre) the ¼" AUX OUT provides a clean buffered feed from your instruments with a fixed level. When set to the outward position (post) the AUX OUT is processed like the XLR output and includes the tube stage, filter section, insert loop and variable level control in the signal path.

TRIM-A & B input level controls used to match the gain between the two instruments. SELECT switch toggles the active input for fast instrument changes. DRAG™ retains natural tone by adjusting the load for passive pickups. MASTER LEVEL control is variable from mic-level to line-level.



MUTE LED indicates when the mute function is active via the optional JR-2 footswitch.

ON/OFF toggles between Drag control or fixed 4 meg-ohm impedance for piezo pickups.

VARIABLE LOW-CUT filter rolls off bass resonance that can cause feedback.

LOCKING 5-pin XLR power connection for external supply.

BALANCED XLR output connects to the PA or recording system.

TUNER out is always-on for connecting an electronic tuner.

AUX OUT high-Z thru for stage amp. Configurable pre or post tube and insert.



ISOLATED output eliminates hum & buzz caused by ground loops.

JR-2 REMOTE connection selects the active input and mutes the Firefly for tuning.

INSERT efx-loop to interface guitar pedals and studio rack effects.

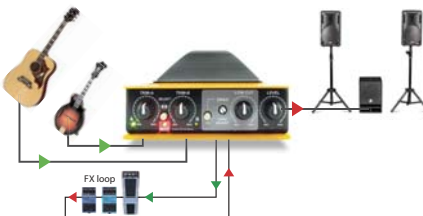
DUAL INPUTS lets you switch between two instruments for quick on-stage changes.

**Switching between passive & active basses**



The Firefly is equipped with two inputs and level controls to make switching between active and passive basses easy. Add the JR2 remote control for added switching convenience.

**Firefly with acoustic guitar & mandolin**



The Firefly is perfectly suited for doubling on stage using two acoustic instruments. The 4 meg-ohm piezo input enables direct connection without a preamp.

**Firefly with an upright & electric bass**



Whether you are connecting via a pickup/preamp combination or just direct from the passive piezo, the Firefly is perfect for string instruments. Use the variable high-pass filter to eliminate low frequency resonance and feedback.