

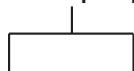
BookerLAB™

Fusion Preamp Interface

Outputs to Leslie



Input and Output Options



AC Power IN ↔
Power Switch ↔



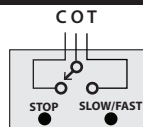
Speed Control Switch Input
TRS 1/4" Inch Input
(TRS) T-Slow, R-Fast, S-Ground



CU-1 Half Moon Switch,
Dual Foot Switch

COT

Terminal block wiring for
SLOW/FAST/ STOP Operation



Electronic Musical Instrument
1/4" inch Input



Guitar, Keyboard, Organ

EFX - Preamp Effects Loop

Stop Mode Switch Positions: Y=Yes, Stop Mode is Supported
N=No, Stop Mode is NOT Supported

Examples

Stop Mode Positions
with
"Stop" function Trek II relay installed.



Stop Mode Positions
with
factory amplifier.





Fusion Preamp Interface



The Fusion Preamp Interface (FPI) is a robust, flexible interface designed for safely connecting and controlling Leslie® speaker cabinets. Not limited to just organs, the FPI expands Leslie® connectivity to any 1/4" audio source with unprecedented ease.

The built-in preamp provides 26dB of clean gain with a simple 1/4" audio input. It also features tone controls, hi-gain switch, low cut switch, and effects loop.

The 1/4" TRS speed control input is compatible with any CU-1 half-moon style switch or dual footswitch. A COT (Chorale/Off/Tremolo) screw terminal allows optional hardwiring of speed control. Two Y/N switches select either 2-speed or 3-speed setting for 122 and 147 individually.

All models come with all features included in the base model FPI-D-EFX, listed under "Features" section below. Other standard models have expanded connectivity options, including 11-pin input or output, and 6-pin input.

Benefits:

- Allows simultaneous Leslie® 122/147 usage.
- Safe, low-voltage DC speed switching for 122 and 147 Leslie® operation.
- Capability to mount inside or outside of Leslie® cabinet or organ enclosure.
- Plug any 1/4" audio source into your Leslie®.
- Low-cut switch eliminates muddiness for guitars or other higher-register instruments.
- Hi-gain switch means Lo-Z instruments (electric guitar or bass, for example) can be plugged in directly.

Features:

- 122 and 147 outputs standard on all models, can be used simultaneously.
- Optional 11-pin input/output or 6-pin input.
- 1/4" Audio Input.
- 1/4" TRS Speed Control Input, compatible with any CU-1 style hand switch or dual footswitch.
- COT Terminal: Allows hardwiring of CU-1 hand switch or dual footswitch to unit for speed control.
- Preamp with 26 dB of gain and volume/tone controls.
- Includes mounting kit.

Standard Models Include:

- FPI-D-EFX: 122/147 6-Pin Output
- FPI-D11-EFX: 11-Pin Input, 122/147 6-Pin Output
- FPI-D11-11-EFX: 11-Pin Input, 11-Pin Output, 122/147 6-Pin Output
- FPI-D6-EFX: 6-Pin Input, 122/147 6-Pin Output
- FPI-D6-11-EFX: 6-Pin Input, 11-Pin Output, 122/147 6-Pin Output

The FPI is fully configurable with a wide variety of input and output options. Contact us for additional modifications or customizations.

BookerLAB was created to maintain the quality of vintage musical instruments and supporting equipment, specifically the Leslie® Speaker Cabinet. BookerLAB offers a range of products for interfacing gear, conversion, motor control, and amplification. With products built solely in America, we've developed these unique systems in collaboration with music industry partners. Explore our story at www.bookerlab.com.