



RESONANCE

Cusack Music
514 Lincoln Ave
Holland, MI 49423

CUSACKMUSIC.COM

Manufactured in
Holland, Michigan, USA

Connect an **EXP**ression pedal with a TRS plug. This can control any one parameter per preset. To configure, see next page.

Power with a standard **9V DC** center-negative power supply. Current draw ~85mA

For a mono output signal, use **[L] OUT**. For a stereo output signal use both **[R]** and **[L] OUT**. Use **INTERNAL SELECT** switch to select **[R] OUT** function. See next page for details.

Use **PAR.1** and **PAR.2** to control parameters of selected program. See program parameters on next page.

Connect **INPUT** signal here. **INPUT** is mono.

Use the numbered knob to select the desired reverb **PROGRAM**. See next page for details.

CASCADE sets whether signal is added to reverb signal after **EXTEND** is engaged. To the right, new signal cascades into **EXTEND**. To the left, new signal is dry.



TRAILS sets how the reverb decays when the pedal is bypassed. Set right, the reverb trail decays naturally when effect is bypassed. Set left, the reverb cuts off when bypassed.

DECAY adjusts the time that the reverb signal decays. Set low for a short dwell, or high for large ambiance.

MIX controls the wet and dry balance. Left is dry, right is wet.

LEVEL adjusts the output volume.

To **SAVE PRESET**, hold **BYPASS-left** and **BYPASS-right**. See next page for details.

Tap **BYPASS** to engage/disengage the effect. In Preset (startup) mode, this engages the left preset.

EXTEND sets the **DECAY** time to maximum for long, lush ambiance. LED above will blink when engaged.

Tap **BYPASS** to engage/disengage the effect. In Preset (startup) mode, this engages the right preset.

To cycle through preset banks, tap **BYPASS-left** and **EXTEND**. There are four banks: red, green, blue, and pink. Each **BANK** can store a preset for the left and right footswitches, for a total of eight possible presets.

To enter **LIVE** mode, hold **EXTEND** and **BYPASS-right** for two seconds. **LIVE** mode disables preset mode, all knobs function in their physically set positions. Center LED will alternate white.

Thank you for purchasing a Resound Reverb! We designed the Resound with simplicity in mind so you'll spend more time playing and less time reading the manual. On your way to learning the pedal, you'll find a few hidden features it is capable of such as the ability to: change the Extend level by toggling the switch, carry trails between like program presets on a shared bank, or summon Shimurmur by the Extend even when the parameters of the program are turned off. Let us know what tips you discover, and we wish you many happy trails! - The Cusack Music Team

PROGRAMS and PARAMETERS

	PROGRAM	PAR. 1	PAR. 2	MIX	EXTEND
1	Room	Pre-Delay	Tone	Dry/Wet	Max Decay
2	Plate	Pre-Delay	Tone	Dry/Wet	Max Decay
3	Cathedral	Pre-Delay	Tone	Dry/Wet	Max Decay
4	Modulated	Chorus Depth	Chorus Rate	Dry/Wet	Max Decay
5	Swell	Sensitivity	Recovery Time	Dry/Wet	Max Decay
6	Hall/Freeze	Cascade Amount	Tone	Dry/Wet	Freeze
7	Spring	Pre-Delay	Tone	Wet Level	Max Decay
8	Shimurmur	Low Octave	High Octave	Dry/Wet	Max Decay

[R] OUT - INTERNAL SELECT

Use the switch inside the Resound to select the output signal of [R] OUT.

- DRY - Dry output only, no reverb
- WET - Wet reverb output only, no dry signal
- MIX - Dry/wet balance matches MIX knob position.



CONFIGURE EXPRESSION PEDAL

1. Begin in the preset you would like to adjust and connect expression pedal.
2. Hold all three footswitches for .5 seconds (yellow LED's will blink slowly).
3. Move expression pedal to HEEL DOWN and adjust desired knob for desired heel down setting.
4. Move expression pedal to TOE DOWN and adjust the same knob for desired toe down setting.
5. Exit configuration by tapping any footswitch. Don't forget to save the preset!

SAVE A PRESET

1. Hold BYPASS-left and -right footswitches about 1 second until yellow LEDs alternate.
2. Cycle to desired bank by pressing BYPASS-left and EXTEND footswitches.
3. Choose BYPASS-left or -right to save to that location. Yellow LED will stop blinking.

FACTORY RESET

Hold all three footswitches and plug in 9V power to restore to factory default settings.

OTHER SPECS

- Buffered bypass based on the Cusack More Louder
- Input impedance: 350k Ω
- Output impedance: <100 Ω
- 4.75" x 3.85" x 2.25" (L x D x H)

