



REBOUND

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 **PARAMETER** to control a parameter of the selected program. See program parameters on next page.

Use **DELAY TIME** to control the rate at which your sound is delayed. This is program dependant, but most of the programs start at 50mS and go up to 1000mS

TAP DIVISION Lets you subdivide your delay timing, chose between quarter note, eighth note, and dotted eighth note.

FEEDBACK

Adjusts the amount of delayed repeats. Maxing this knob out will result in self-oscillation.

LEVEL adjusts the output volume.

Tap **BYPASS** to engage/disengage the effect. In Preset (startup) mode, this engages the left preset. Press and hold the same switch to use the **BRAKE (down)** function. This momentarily decelerates the delay time.

To cycle through preset banks, tap **BYPASS**-left and **FLOAT**. 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.

FLOAT sets the delay feedback at the verge of self-oscillation. This will hold your phrase but not let it oscillate out of control. You can't change presets while float is engaged

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

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

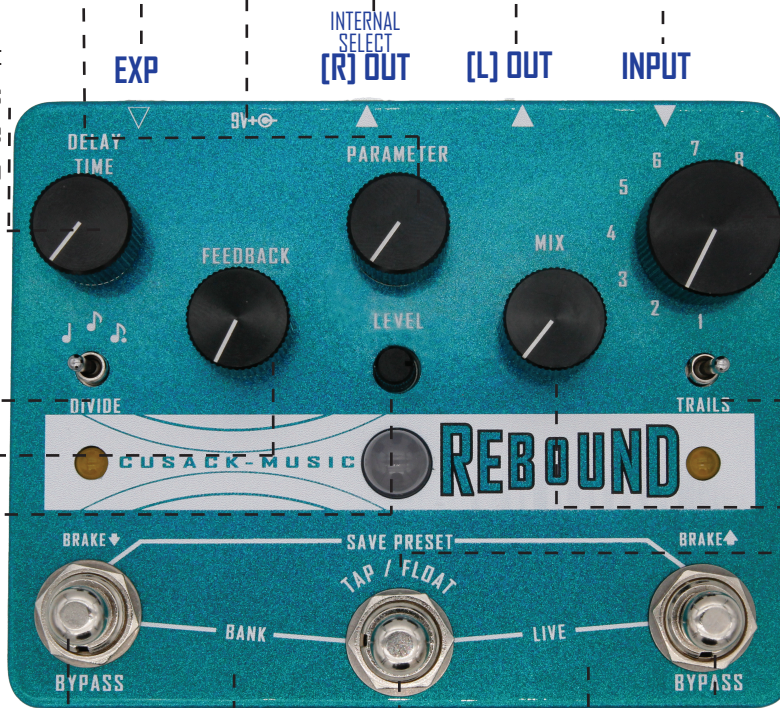
TRAILS sets how the delay decays when the pedal is bypassed. Set right, the delay trail decays naturally when effect is bypassed. Set left, the delay cuts off when bypassed.

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

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 right preset. Press and hold to use the **BRAKE (up)** function. This momentarily accelerates the delay time.

To enter **LIVE** mode, hold **FLOAT** 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 Rebound Delay! We designed the Rebound with simplicity in mind so you'll spend more time playing and less time reading the manual. This pedal can achieve dynamic and expressive delay sounds. You have complete control over the shaping of your delay tone and timing. The 8 programs were carefully curated to give you a range of useful delay sounds. Some of these programs are inspired by past units and some are brand new algorithms. We really hope you enjoy this powerful tool. If you have any questions, please don't "delay"! Contact us at

<https://cusackmusic.com/info/>

Thank You!- The Cusack Music Team

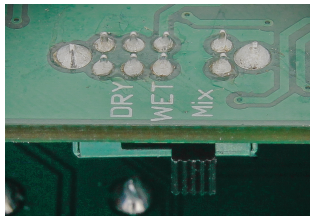
PROGRAMS and PARAMETERS

	PROGRAM	PAR. 1	MIX	Float
1	Mod Analog	Chorus Blend	Dry/Wet	Max Feedback
2	Tape	Age/tone	Dry/Wet	Max Feedback
3	Digi-Pong	Tone	Dry/Wet	Max Feedback
4	Dual Tap	Rate of 2nd delay	Dry/Wet	Max Feedback
5	Reverse	Selects pitch of repeats	Dry/Wet	Max Feedback
6	Ducking	Input gain/Duck control	Dry/Wet	Max Feedback
7	Pitch	Selects pitch of repeats	Dry/Wet	Max Feedback
8	Space	Filter Control	Dry/Wet	Max Feedback

[R] OUT - INTERNAL SELECT

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

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



SAVE A PRESET

1. Press BYPASS-left and BYPASS-right footswitches at the same time. Now the yellow LEDs will alternate.
2. Cycle to desired bank by pressing BYPASS-left and FLOAT footswitches. each bank is represented by 1 of 4 colors.
3. Choose which side you would like to save to and tap the BYPASS. Now you're preset is saved.

FACTORY RESET

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

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 pressing BYPASS-left and BYPASS-right footswitches at the same time. Now the yellow LEDs will alternate. Press the BYPASS-left or the BYPASS-right to save the expression configuration to that side. Now you will have your expression mapped.

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)

