

**STONE  
DEAF**®

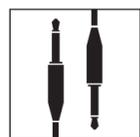


## RISE & SHINE

### FUNCTION OVERVIEW:

Meet **RISE & SHINE**, the pedal that marries vintage charm with contemporary excitement. It effortlessly blends classic octave up fuzz and dynamic octapulse tremolo vibrato to open up new soundscapes. Its user-friendly interface ensures you have complete control to explore and shape your unique sonic palette. Rise & Shine is your gateway to a world of musical possibilities, where tradition meets innovation in perfect harmony.

StoneDeafFX.com



**INPUTS:** Mono Input and outputs applicable for any instrument. Recommended to use DI for Non Guitar Inputs to reduce noise.

Input impedance: 470K  
Output impedance: 150R



**VOLUME:** increases & decreases the master volume of the pedal.

Interacts with the mix & fuzz knob.



**MIX:** increases clean bypass signal mix (Dry signal) from 0-100%. Great for bass guitars or reinforcing clean tones with fuzz / octave. **Tip:** use this knob to mix in stacked pedals to get different tones.

Please note when increasing the clean bypassed signal there will be a volume drop so compensate with the volume control.



**MODE:** Select from 5 modes of operation by pressing mode:

Orange = Standard Mode  
Green = Momentary Octave Mode  
Cyan = Momentary Bypass Mode  
Magenta = Standard Division Mode  
White = Custom Division Mode



**BYPASS:** True bypass optical relay switching for reliable switching with soft touch function.

Good for 10 million switches.



**POWER INPUT:** 9V 100mA Minimum. We only recommend isolated power supplies. We do not recommend daisy chain power supplies, these are non isolated.



**TONE:** changes the high-pass ratio of the treble & the low-pass ratio of the bass response.

Clockwise = Treble  
Central = Middle  
Counter-clockwise = Bass

Its a hybrid see saw type EQ section!



**EXPRESSION / TAP:** the expression input controls the **Rate** of the octapulse tremolo /vibrato effect. It also doubles as a remote switch for tap tempo.

Please note polarities:

TAP SWITCH =  
T = Switch / S = Ground  
EXPRESSION =  
T = Wiper / R = 3v3 / S = Ground



**FUZZ:** controls the amount of fuzz saturation from distortion when minimum to saturated fuzz tone.

User tip: roll off guitar volume for responsive fuzz tones.



**VOICE:** voice changes two different tonal voices of the fuzz and octave:

Bright tone = Orange  
Fat tone = Blue



**OCTAVE:** analog octave up effect for standard and momentary functions. **Tip:** neck pickup allows for classic octave up effect, think SRV, Jack White tones. Works amazing with Tele's and Holobodies as well as Strats and is perfect to cut through as a lead guitar tone.



## ADVANCED FEATURES:

Here you will find additional information for more detail and advanced features.

### FACTORY RESET

A manual factory reset can be performed by the user by holding the mode button and applying power to the device.

The LEDs light up in a bright white color and then flash to return to normal operating mode and restore the factory settings.

### MOMENTARY OCTAVE MODE POLARITY

To change the polarity of the momentary octave so that octave is always on and you can momentarily turn it back to standard fuzz, do the following:

- 1) Make sure you are in momentary octave mode - mode button is Green
- 2) Press and hold mode button for 0.5 seconds
- 3) Polarity will change
- 4) To change back repeat step 2.

Please note an external footswitch via expression input will mimic the Octave footswitch on the main unit.

### MOMENTARY BYPASS MODE MODE POLARITY

To change the polarity of the momentary bypass so that bypass is always on and you can momentarily turn it off to bypass do the following:

- 1) Make sure you are in momentary bypass mode - mode button is Blue
- 2) Press and hold mode button for 0.5 seconds
- 3) Polarity will change
- 4) To change back repeat step 2.

Please note an external footswitch via the expression input will mimic the Octave footswitch on the main unit.

### STANDARD DIVISION MODE - MAGENTA

In this mode, the octave automatically oscillates at a configurable bpm as an "Octapulse tremolo / vibrato". It can be turned completely off or turned back to oscillating with the octave control.

- 1) To cycle through fixed divisions (Whole, Half, Triplet, Quarter), press and hold the mode button for 0.5 seconds per change.
- 2) Tap tempo can be set via voice, expression or external tap. When using the voice button, note that the tap is based on the initial 3 taps & the gap in between with a 1 second reset cycle. Do not keep pressing the tap as it will skew your average tap.
- 3) To toggle momentary octapulse effect: Hold down voice button for 3 seconds. To turn off, hold down again for 3 seconds.
- 4) The octapulse effect will cause "synth clicks" due to its rapid rise and fall of the analogue octave effect. To mitigate this clicking effect you can enable or disable "effect gating" by pressing and holding the bypass footswitch for 3 seconds. Please note this will reduce sustain. The effect gating is turned on as standard.

### EXTERNAL FOOTSWITCH OCTAVE MIMIC

Octave control moves to the external footswitch, the original octave control now being used as a toggle for momentary octaving

ACTION	RESULT
Press external footswitch	Toggle Octaving/Momentary Octaving
Press octave footswitch	Toggle Momentary octaving setting
Hold octave footswitch 3 seconds mode.	Change external footswitch to tap tempo

### BEAT ALIGNMENT EXPLAINED

When releasing the mode button, the "recording" ends exactly when the button is released.

The pedal will then align this ending to either the previous or the next whole beat, whichever is closest, by adding empty space or removing a small chunk. This rudimentary quantization forces the recording to multiples of one beat. Without this, recordings would loop too late or early, causing them to fall out of time with any other person or machine playing at the same bpm.

## QUICK START GUIDE:



### STANDARD

Standard mode operates as follows and is the default mode of operation:

#### MODE COLOUR

Orange = Standard

#### MODE BRIGHTNESS

Dim = Bypassed  
Bright = On

Please note the brightness of the "Mode" button indicates if the pedal is on or off.



### VOICE

Here you can see the pedal is in standard mode but the voice button is Blue, meaning it has changed to a FAT voice setting:

#### VOICE BRIGHTNESS

Dim = Octave off  
Bright = Octave on

#### VOICE COLOUR

Orange = Bright tone  
Blue = Fat tone

Please note the brightness of the "Voice" button indicates if the octave is on or off.



### MOMENTARY OCTAVE

Momentary octave mode allows the user to turn on the octave momentarily when the octave foot-switch is pressed:

#### MODE COLOUR

Green = Momentary Octave

### TO CHANGE THE OCTAVE POLARITY HOLD DOWN MODE BUTTON WHEN GREEN FOR 1 SECOND

Default = Momentary octave from fuzz  
Change = Momentary fuzz from octave

### EXTERNAL FOOTSWITCH

Mimic's octave footswitch on main unit



### MOMENTARY BYPASS

Momentary bypass mode allows the user to turn on the pedal momentarily when the bypass footswitch is pressed.

#### MODE COLOUR

Blue = Momentary Bypass

### TO CHANGE THE BYPASS POLARITY HOLD DOWN MODE BUTTON WHEN BLUE FOR 1 SECOND:

Default = Momentary effect from bypass  
Change = Momentary bypass from effect  
Please note that the effect could be either fuzz or fuzz octave, set by the octave footswitch.

### EXTERNAL FOOTSWITCH

Mimic's octave on off footswitch on main unit.



### STANDARD DIVISION

Standard Division mode allows the user to select different divisions of the octapulse tremolo / vibrato effect.

#### MODE COLOUR

Magenta = Standard Division Mode

### HOLD MODE TO CYCLE THROUGH DIVISIONS

Whole, Half, Triplet, Quarter Notes (Mode flashes indicating division)

### TAP VOICE BUTTON FOR DESIRED TEMPO

Default rate is 120bpm, overall 20 to 600bpm. Tap is taken as an average of 3 taps. 1 second gap saves the average.

### MOMENTARY OCTAPULSE ON / OFF

Hold voice for 3 seconds to turn on or off

### TOGGLE EFFECT GATING ON / OFF

Hold bypass footswitch for 3 seconds to turn gating on or off

### TOGGLE EXTERNAL FOOTSWITCH AS MOMENTARY OCTAPULSE

Hold external footswitch for 3 seconds to turn on momentary octapulse mode. Hold again to turn off.

### EXPRESSION PEDAL

You can set the maximum & minimum tempo for the heel and toe by:

### SET TO HEEL POSITION:

Tap in max or min rate

### SET TO TOE POSITION:

Tap in max or min rate (Hold octave footswitch for 3 seconds to recalibrate)

Please note expression only works on Octapulse rate!



### CUSTOM DIVISION

Custom Division mode allows the user to tap in their custom "Rhythm over 100BPM and from 20 bpm - 600bpm for ring mod type effect. For example odd time signatures such as 7/4.

#### MODE COLOUR

White = Custom Division Mode

### PRESS & HOLD MODE TO RECORD CUSTOM DIVISION

Mode will turn red while holding indicating ready to record division.

### TAP VOICE BUTTON TO TAP IN "CUSTOM RHYTHM"

Tap in your rhythm, with the recording starting from the first tap.

\* Release "Mode to save division! Note the "recording" ends on release of the "Mode Button" and aligns to the closest whole beat.

### SET TEMPO TO DESIRED SPEED

Use Voice button to set speed or external tap / expression.

### TO CLEAR CUSTOM DIVISION

Press & Hold mode button for 3 seconds to clear custom division and reset back to 120bpm.

Some controls under "Standard Division Mode" are applicable to custom division mode so make sure to try them out.