

# CORAL MOD II

MODULATION EFFECTS

**VALETON**  
[www.valeton.net](http://www.valeton.net)

**Coral** Series Pedal

The contents of this manual are subject to change without notice.

## ***FEATURES***

- Digital circuit design
- Multi-use modulation stompbox suits a variety of music styles
- 16 Carefully selected modulation algorithms in one stompbox
- Tap Tempo function for real time effect speed control
- LEVEL, DEPTH and RATE knobs for detailed effect control
- Upgraded sound quality, better S/N ratio
- Special design buffer bypass circuit keeps your sound pristine
- Easy-to-read, readily accessible knobs
- Aluminum-alloy die cast casing withstands wear and tear
- Great tone with low noise level

## ***SPECIFICATIONS***

Power Requirement: 9V DC center negative

Current Consumption: 100mA

Dimensions: 93.5mm (D) x 42mm (W) x 52mm (H)

Weight: 150g

## CONTROLS

### LEVEL:

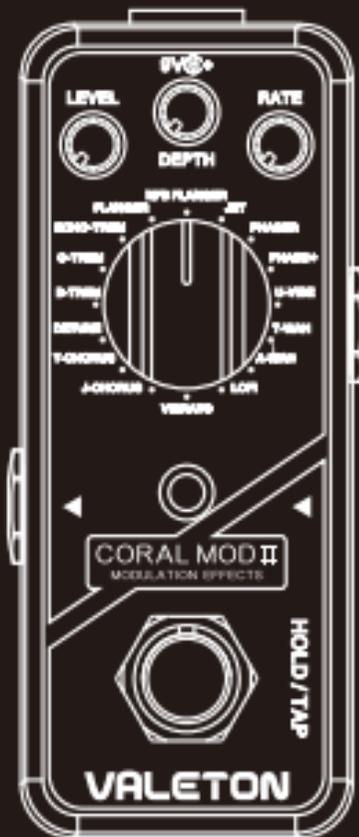
Controls the effect level  
(depending on effects)

### DEPTH:

Controls the effect depth  
(depending on effects)

### RATE:

Controls the effect speed  
(depending on effects)



### MODE SELECTOR:

For selecting modulation types

**FOOTSWITCH:** Turn the pedal on/off  
**HOLD:** Engage/disengage Tap Tempo function (the LED will pulse to indicate current effect speed when Tap Tempo is on)  
**TAP:** Set the tap tempo speed in Tap Tempo mode

### The FCC regulation warning (for U.S.A.)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.



### Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

## ***MODE LIST***

<b>MODE</b>	<b>DESCRIPTION</b>
1 J-CHORUS	Simulates the vintage chorus sound from the legendary Jazz amplifier
2 T-CHORUS	Produces a lush chorus sound modulated by triangle wave
3 DETUNE	Mixes dry signal with a slightly pitch shifted sound to produce a chorus-like effect
4 B-TREM	Simulates the bias tremolo sound from vintage tube amps
5 O-TREM	Produces a classic optical tremolo sound
6 ECHO-TREM	Combines tremolo and delay in one to produce a step-like effect
7 FLANGER	Produces a classic flanger tone
8 NFB FLANGER	Produces a flanger tone with negative feedback
9 JET	Produces a massive flanger tone with plenty of feedback
10 PHASER	Produces a bright, sharp phasing tone

11	PHASE+	Simulates the legendary one-knob orange phaser pedal
12	U-VIBE	Simulates the legendary 4-stage phasing/rotary vibe effect
13	T-WAH	Produces wah effects depending on picking dynamics
14	A-WAH	Produces an automatically varying wah effect
15	LOFI	Produces a sample reducing effect
16	VIBRATO	Produces a natural, warm vibrato sound

MODE	CONTROL		
	LEVEL Knob	DEPTH Knob	RATE Knob
1	Mix	Depth	Rate
2	Mix	Depth	Rate
3	Dry (dry signal level)	Range (wet signal pitch from -50~+50 cents)	Wet (wet signal level)

4	Level	Depth	Rate
5	Level	Depth	Rate
6	Level	Depth	Rate
7	Level	Depth	Rate
8	Level	Depth	Rate
9	Level	Depth	Rate
10	Level	Depth	Rate
11	Level	Depth	Rate
12	Level	Depth	Rate
13	Mix	Cutoff (filter cutoff frequency)	Tone (effect brightness)
14	Level	Range (filter frequency range)	Rate
15	Mix	Sample Rate (downsampling rate)	Tone (effect brightness)
16	Level	Depth	Rate