CORAL MDR

MOD/DELAY/REVERB EFFECTS

VALETON

www.valeton.net

Coral Series Pedal

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

FEATURES

- Digital circuit design
- Multi-use modulation/delay/reverb combo pedal
- Perfect tool for ambient/experimental musicians
- 16 carefully selected effect algorithms in one stompbox
- Tap Tempo function for real time effect speed/delay time control
- X, Y knobs for detailed effect control
- Special design buffer bypass switching circuit keeps your sound pristine
- Transparent, readily accessible knobs with LEDs
- Aluminum-alloy die cast casing withstands wear and tear
- Great tone with low noise level

CONTROLS

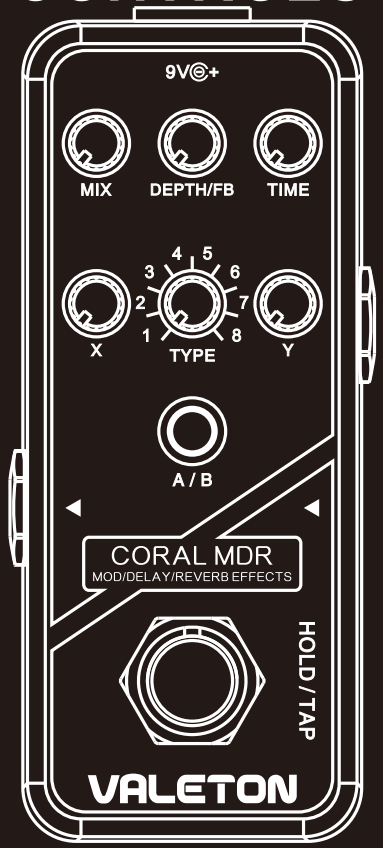
MIX: Controls the mix level between dry/wet signal (depending on effects)

DEPTH/FB: Controls the effect depth/feedback amount (depending on effects)

TIME: Controls the effect speed/delay time (depending on effects)

X/Y: Controls detailed effect character (depending on effects)

TYPE: Selects effect type (the LED will flash quickly when switched to a different effect type)



A / B: Select effect groups:
green LED – Group A,
red LED – Group B

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
HOLD WHILE POWERING UP: Turn on/off delay trail (the LED will pulse 4 times to indicate the change)

TYPE LIST

	A1 - Chorus A	B1 - Chorus B
TYPE Knob (TY)	Simulates the vintage chorus sound from a famous jazz-amp combo	Produces a warm, lush chorus sound
MIX Knob (M)	Controls the mix level between dry/wet signal	Controls the mix level between dry/wet signal
DEPTH/FB Knob (D)	Controls the depth	Controls the depth
TIME Knob (T)	Controls the speed	Controls the speed
X Knob (X)	Low: Controls the low frequency amount	Low: Controls the low frequency amount
Y Knob (Y)	High: Controls the high frequency amount	High: Controls the high frequency amount

	A2 - Phaser A	B2 - Phaser B	A3 - Flanger A
TY	Adds a phasing variation to the sound	Simulates the legendary 4-stage phasing/rotary vibe effect	Produces a massive jet-like flanger tone with plenty of feedback
M	Volume (controls the effect volume)	Volume (controls the effect volume)	Volume (controls the effect volume)
D	Controls the depth	Controls the depth	Controls the depth
T	Controls the speed	Controls the speed	Controls the speed
X	Resonance: Controls the phaser resonance	Resonance: Controls the phaser resonance	Feedback: Controls the amount of feedback
Y	Filter: Controls the low/high frequencies	Filter: Controls the low/high frequencies	Tone: Controls the flanger tone

	B3 - Flanger B	A4 - Tremolo A	B4 - Tremolo B
TY	Produces a standard flanger tone	Produces a vintage optical tremolo sound	Produces a warm bias tremolo sound
M	Volume (controls the effect volume)	Volume (controls the effect volume)	Volume (controls the effect volume)
D	Controls the depth	Controls the depth	Controls the depth
T	Controls the speed	Controls the speed	Controls the speed
X	Feedback: Controls the amount of feedback	Tone: Controls the brightness	Tone: Controls the brightness
Y	Tone: Controls the flanger tone	Gain: Controls the effect gain	Gain: Controls the effect gain

	A5 - Delay A	B5 - Delay B	A6 - Reverb A
TY	Produces a pure, accurate delay sound	Produces a warm, vintage delay sound	Simulates a plate reverberator
M	Controls the mix level between dry/wet signal	Controls the mix level between dry/wet signal	Controls the mix level between dry/wet signal
D	Controls the delay feedback	Controls the delay feedback	Controls the duration of reverb time
T	Controls the delay time	Controls the delay time	Controls the time of pre-delay
X	Mod: Controls the mod amount	Mod: Controls the mod amount	Low: Controls the low frequency amount
Y	Tone: Controls the brightness	Tone: Controls the brightness	High: Controls the high frequency amount

	B6 - Reverb B	A7 - Air A	B7 - Air B
TY	Simulates the acoustics of a performance hall	Combines delay and reverb in one	Combines chorus and delay in one
M	Controls the mix level between dry/wet signal	Controls the delay mix level between dry/wet signal	Controls the mix level between dry/wet signal
D	Controls the duration of reverb time	Controls the delay feedback	Controls the delay feedback
T	Controls the time of pre-delay	Controls the delay time	Controls the delay time
X	Low: Controls the low frequency amount	Mix: Controls the reverb mix level between dry/wet signal	Depth: Controls the chorus depth
Y	High: Controls the high frequency amount	Decay: Controls the duration of reverb time	Rate: Controls the chorus speed

	A8 - Ambient A	B8 - Ambient B
TY	Combines chorus, delay and reverb in one, producing a warm, spacious ambient sound	Combines chorus, delay and reverb in one, producing a clear modern ambient sound
M	Controls the chorus and delay mix level between dry/wet signal	Controls the chorus and delay mix level between dry/wet signal
D	Controls the delay feedback	Controls the delay feedback
T	Controls the delay time	Controls the delay time
X	Mix: Controls the reverb mix level between dry/wet signal	Mix: Controls the reverb mix level between dry/wet signal
Y	Decay: Controls the duration of reverb time	Decay: Controls the duration of reverb time

SPECIFICATIONS

Delay Time Range: 25ms-2000ms
Power Requirement: 9V DC center negative
Current Consumption: 180mA
Dimensions: 93.5mm (D) x 42mm (W) x 52mm (H)
Weight: 150g

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 interfernce.
(2) This device must accept any interference received, including interference that may cause undesired operation.