

DESCRIPTION OF REVERB MODES

FOCUS (SOFT FOCUS)

THIS LUSH, SURREAL SOUND IS A RECREATION OF THE POPULAR SOFT FOCUS PATCH FROM THE YAMAHA FX500 MULTI EFFECTS PROCESSOR. THIS ICONIC LATE 80'S PROCESSOR WAS USED TO ACHIEVE MANY SIGNATURE DELAY AND MODULATION EFFECTS USED IN THE EARLY 90'S. THIS SOUND IS ACHIEVED BY STACKING A DENSE REVERB, FOLLOWED BY A DUAL DELAY (250ms ON ONE SIDE, 380ms ON THE OTHER), WHICH IS THEN SENT THROUGH A 4 VOICE CHORUS, WITH A FIXED RATE. DECAY CONTROLS BOTH DECAY TIME OF THE REVERB AND FEEDBACK FOR THE DUAL DELAY. DEPTH CONTROLS THE DEPTH OF ALL 4 CHORUS VOICES.

REVERSE (REVERSE REVERB)

THIS EFFECT IS INSPIRED BY THE TWO MOST POPULAR RACK MOUNT REVERSE EFFECTS OF THE 80'S AND 90'S, THE YAMAHA SPX90 AND THE ALESIS MIDIVERB II. ALTHOUGH THIS HAS ALWAYS BEEN REFERRED TO AS REVERSE REVERB, IT'S REALLY MORE OF A SERIES OF DELAYED SIGNALS PLAYING BACK WITH INCREASING VOLUME TO CREATE A VERY UNUSUAL SWELLING ECHO. DECAY SWITCHES BETWEEN 8 DIFFERENT FIXED DELAY TIMES FROM A QUICK 150ms ALL THE WAY UP TO A HALF SECOND.

REVERSE ALSO FEATURES AN ENVELOPE TRIGGERED VIBRATO THAT EMULATES THE PITCH BEND FROM A OFFSET TREMOLO BAR. THE DEPTH CONTROL WILL SET HOW DEEP THE 'TREM BAR' IS PUSHED. THE TONE CONTROL IN THIS MODE IS IN THE STYLE OF A JAZZMASTER / JAGUAR RHYTHM PICKUP TONE CONTROL.

HALL (HALL REVERB WITH ASCENDING SHIMMER)

HALL REVERB WITH AN OCTAVE UP. THE OUTPUT OF THE REVERB IS FED INTO AN OCTAVE UP WHICH THEN FEEDS BACK INTO THE INPUT OF THE REVERB, CREATING AN INFINITELY ASCENDING OCTAVE FEEDBACK LOOP. THE DEPTH CONTROL WILL CHANGE HOW NOTICEABLE THIS PITCH EFFECT IS.

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FLIP THE TOP INTERNAL DIP SWITCH UP FOR TRS INSERT MODE (DEFAULT MODE IS SET TO DOWN) SEE PRODUCT PAGE FOR MORE INFO

SET TRAILS OR TRUE BYPASS FOR DELAY AND REVERB WITH THE BOTTOM INTERNAL DIP SWITCHES (DEFAULT = TB)

EFFECT TYPE: DELAY AND REVERB WITH MODULATION AND PITCH BENDING
POWER REQUIREMENT: 9VDC CENTER NEGATIVE, 75mA+ POWER SUPPLY REQUIRED
INPUT/OUTPUT: MONO INSTRUMENT INPUT, MONO INSTRUMENT OUTPUT

CONTROLS:

- 1 REVERB BLEND - WET/DRY BLEND FOR REVERB AND MODULATION
- 2 REVERB DECAY - IN FOCUS MODE: REVERB DECAY TIME AND FEEDBACK FOR DUAL DELAYS (DELAY TIMES FIXED)
IN REVERSE MODE: 8 WAY SWITCH FOR DECAY TIME: 150-200-250-300-350-400-450-500ms
IN HALL MODE: REVERB DECAY TIME
- 3 REVERB WARMTH - TONE CONTROL FOR REVERB / MODULATION LEFT FOR BRIGHTER, RIGHT FOR DARKER
- 4 REVERB DEPTH - PITCH OR MODULATION DEPTH IN ALL MODES
- 5 REVERB MODE SELECT - HALL / REVERSE / SOFT FOCUS (SEE NEXT PAGE)
- 6 DELAY BLEND - DELAY SIGNAL FROM 0 TO 50/50
- 7 DELAY TIME - DELAY TIME FROM 30 TO 650MS
- 8 DELAY RATE - DELAY MODULATION RATE IN LIGHT AND DEEP MODES
- 9 DELAY REPEATS - DELAY FEEDBACK (NUMBER OF REPEATS)
- 10 DELAY MODULATION SELECT - OFF - NO MOD DEEP - HEAVY MOD LIGHT - SOFT MOD
- 11 REVERB - ON / OFF
- 12 DELAY - ON / OFF

SEE EXPLANATION OF REVERB MODES ON NEXT PAGE