

ECLIPSE

HOT KEYS

PARAMETER



ECLIPSE AT-A-GLANCE

DUAL EFFECTS BLOCK
ARCHITECTURE

ALMOST 100 ALGORITHMS

24-BIT DIGITAL CONVERSION

96 KHZ SAMPLING CAPABILITIES

FAST, SEAMLESS PITCH SHIFTING

MICRO PITCH SHIFTING

ELEVEN REVERBERATION
ALGORITHMS

FOUR PLEX ALGORITHMS

BAND DELAY

CHORUS DELAY

COMB DELAY

DUCKED DELAY

RING DELAY

PAN DELAY

20 SECONDS OF MEMORY
PER EFFECTS BLOCK

PRECISION COMPRESSION
(DUAL MONO OR STEREO)

GRAPHIC EQ (DUAL 8-BAND)

PARAMETRIC EQ (DUAL 4-BAND)

NOISE GATING
(DUAL MONO OR STEREO)

AES/EBU I/O

S/PDIF I/O

ADAT™ LIGHTPIPE™ PORT

ANALOG BALANCED XLR I/O

UNBALANCED 1/4" I/O

WORD CLOCK IN AND OUT ON
BNC CONNECTORS

TWO PEDAL PORTS

FULL MIDI (IN/OUT/THRU)

SERIAL PORT

There's never been a compact effects box quite like Eclipse™. From the amazing range and depth of its algorithms to its comprehensive array of analog and digital I/O ports, the Eclipse puts the legendary effects processing

and 96 kHz sampling. We've packed almost 100 algorithms into Eclipse along with a two effects block design. The dual routing configurations lets you use Eclipse as two independent effects processors; ideal for the smaller, budget-con-

CLASSIC EVENTIDE EFFECTS

We've packed Eclipse with the effects Eventide is famous for. There's quick, seamless pitch shifting including our innovative Micro pitch shift, which FOH engineers and vocalists have come to rely on for

been carefully and faithfully transplanted into Eclipse. And all reverbs are true stereo in and out, not mono in, stereo out.

The vast array of delays lets you design lush, dense soundscapes. You'll find band delays, chorus delays, comb delays,

THE POWER

OF EVENTIDE

PROCESSING

IN A COMPACT

ONE-RACK BOX.



power of Eventide® within your reach.

DUAL EFFECTS BLOCK ARCHITECTURE

Eclipse is the only effects processor in its class to feature 24-bit digital conversion

and 96 kHz sampling. The two effects blocks' inputs and outputs can be configured for stereo or mono. Or, select a preset that combines two algorithms or recursive combinations for big multi-effects without sacrificing quality.

turning good vocal performances into great ones.

Eclipse boasts no fewer than 11 reverberation algorithms plus four plex algorithms. Originally developed for Eventide's industry-standard Orville™ and DSP 7000 series, these reverbs have

been carefully and faithfully transplanted into Eclipse. And all reverbs are true stereo in and out, not mono in, stereo out. The vast array of delays lets you design lush, dense soundscapes. You'll find band delays, chorus delays, comb delays, ring delays and pan delays. And with 20 seconds of memory per effects block, Eclipse is a looper's delight. It's easy to get lost in the 20-second mono loop, 10-second dual loops, 20-second reverse loop, and 10-second

dual reverse loop. Remember, these looping presets running on one FX block leaves the other FX block available for adding texture or dimension.

I/O PORTS FOR MAXIMUM VERSATILITY

The rear panel has a port to

There's Word Clock In and Out on BNC connectors and two pedal ports for performers. And of course, full MIDI (IN/OUT/THRU) including an external power jack for your cabling convenience. There's even a serial port which makes it easy

H3000 series Harmonizer units, you've already got the basics.

HOT KEYS

Hot Keys provide quick access to the eight most important parameters on every preset. In addition, you can customize the Hot Keys

tremolo. The Tap function can be set to average out from 2 to 12 taps.

DESIGN YOUR OWN PRESETS

You get a complete selection of presets, but Eclipse makes it easy to design your own. Load one or two algorithms, pick a

is made simple with compact flash cards.

UNLEASH THE SONIC BEAST

Whether it's live performance, front-of-house engineering, or quality studio effects processing, Eclipse gives you the tools you can



support all your needs, including AES/EBU, S/PDIF and ADAT™ Lightpipe™ for digital applications. Analog balanced XLR-type and unbalanced 1/4" inputs and outputs. The 1/4" jacks even accept a high impedance instrument signal.

to update Eclipse's software from the Internet; no chip changing needed.

EASY SET-UP AND OPERATION

The Eventide knob and keypad make setup and operation easy. If you're familiar with our

on any preset to create your own unique program.

DEDICATED TAP BUTTON

The tap button isn't just for delays. It's also the frequency rate of the LFO modulating your sample and hold filter, or the speed of your autopanner or

routing, assign the Hot Keys, and tweak.

FLASH CARD SLOT

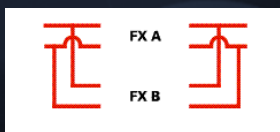
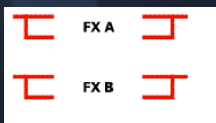
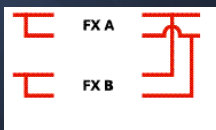
Your presets can be stored easily in the Eclipse or on an affordable compact flash card. Transferring presets from one Eclipse to another

depend on in one compact, professional package. After all, Eclipse is not just an effects box, it's an Eventide.

ECLIPSE

EFFECTS BLOCK CONFIGURATIONS

INPUTS OUTPUTS



ONE ALSAN WAY
LITTLE FERRY, NJ 07643, USA
TEL: 201.641.1200
FAX: 201.641.1640
E-MAIL: AUDIO@EVENTIDE.COM
WWW.EVENTIDE.COM



SPECIFICATIONS

Sample Rates

96 kHz, 88.2 kHz, 48 kHz,
44.1 kHz, Word Clock, AES,
S/PDIF, ADAT

Digital Inputs/Outputs

2 Channels of AES/EBU,
S/PDIF (Optical or Coaxial),
or ADAT Lightpipe

ANALOG INPUT (XLR)

Impedance
20 K Ω

Full Scale Input Level

26 dBu

Dynamic Range

>104 dB

Signal to Noise Ratio

>104 dB

THD+N

<0.003 @ 1 kHz, -3 dBFS

Crosstalk

<-100 dB @ 20 Hz
to 20 kHz, -1 dBFS

Frequency Response:

+0/-0.1 dB @ sample rate:
44.1 kHz: 20 Hz-20 kHz
48 kHz: 20 Hz-22 kHz
88.2 kHz: 20 Hz-41 kHz
96 kHz: 20 Hz-44 kHz

ANALOG OUTPUT (XLR)

Impedance
<50 Ω

Full Scale Input Level

26 dBu

Dynamic Range

>108 dB

Signal to Noise Ratio

>108 dB

THD+N

<0.003 @ 1 kHz -3 dBFS

Crosstalk

<-100 dB @ 20 Hz to
20 kHz, -1 dBFS

Frequency Response:

+0/-0.1dB @ sample rate:
44.1 kHz: 10 Hz-20 kHz
48 kHz: 10 Hz-22 kHz
88.2 kHz: 10 Hz-41 kHz
96 kHz: 10 Hz-44 kHz

Remote Control Inputs

Up to 2 foot pedals (or 5V
control inputs) or 6 foot
switches or combination

MIDI Connections

5-pin DIN output and thru
7-pin DIN input with output
capability and external
power jack

Compact Flash Interface

Supports Type I and Type II
Compact Flash Cards for
data storage

Power

40 watts, 100-240 VAC,
50/60 Hz

Size

Inches: 1.75h x 19w x
10.5d
CM: 4.5h x 48.3w x 26.7d

Weight

9 pounds (4.1Kg) 12
pounds shipping weight
(5.5 Kg)

* Specifications subject
to change without notice
or obligation.

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