EFFECTRON®

THE PROFESSIONAL CHOICE

EFFECTRON

The new EFFECTRON® series is a consolidation of DeltaLab's many lines of signal processors. By simply offering the most popular unit from each line DeltaLab is able to provide maximum performance at minimum prices.

As always, each unit is truly representative of DeltaLab's reputation for quality, reliability and performance.

EFFECTRON I

Stardard Features

- **Low Cost — High Performance**
- **15 KHz Bandwidth — all settings**
- **87 dB Dynamic Range**
- **Over 1 second max. delay**
- **Roadworth all steel chassis**

The EFFECTRON I provides all of the basic features that are found in our more expensive units. As such, for a very small investment you have the ability to create all of the popular special effects found in music today. In addition, the EFFECTRON I is very roadworthy. It is enclosed in an all steel chassis and it is small enough to fit anywhere. DeltaLab created the ADM1020 with price and performance in mind. Take the time to listen . . . you will be amazed!

EFFECTRON II

Standard Features

- **Full (17KHz) Bandwidth — all settings**
- **90dB Dynamic Range**
- **Over 1 second max. delay**
- **8:1 Flange Ratio**
- **Single Rack space**
- **Roadworthy all steel chassis**

The EFFECTRON II has become the "standard of the industry". It features the finest and most natural sounding digital effects available today. At your finger tips you have the ability to flange, double, chorous, or echo. With experimentation and imagination you can also create totally unique effects. The ADM1024 is unsurpassed in flexibility and performance.

Ask anyone who has used one . . . This is the best.

EFFECTRON III

Standard Features

- **Full (17KHz) Bandwidth — all settings**
- **90dB Dynamic Range**
- **Over 1 second max. delay**
- **4 User Programs — all functions**
- **Optional Remote Control (ADM -STL)**
- **Non volatile program memory**
- **Roadworthy all steel chassis**

The EFFECTRON III is a user programmable version of the EFFECTRON II. The ADM1030 provides all of the useful features of the ADM1024 plus the ability to store 4 settings addressable on command. Unlike other low-cost programmable units, all controls on the ADM1030 are programmable. And, with the addition of the ADM-STL foot switch you can remotely address the programs independently.

DeltaLab combined both the Super TimeLine® and EFFECTRON series to come up with this one. It is the best of both breeds.

A Word on Digital Sound Quality

DeltaLab is the pioneer of high quality audio-to-digital encoding using Adaptive Delta Modulation (ADM) techniques. This patented technology differs from the more familiar Pulse Code Modulation (PCM) in that, ADM is more sensitive to the dynamic characteristics of musical sound. As a result the natural sound quality of all DeltaLab products is superior to other effects processors . . . even some of those that sell for a **much** higher price.

Sound Quality is what DeltaLab is all about. We offer sound quality with quality sound. A simple audition of each of the EFFECTRON products compared to competitive units is welcomed. Listen to the frequency response at the longest delays and marvel at the naturalness of the sound reproduction. Listen to the effects created and in particular, listen to your favorite effect. The result . . . If you're serious about your sound quality then the choice is obvious!

DeltaLab's EFFECTRON series . . . I, II or III.

EFFECTRON® I The Price/Performance Digital Delay System

Level
The red LED blinking indicates the signal level being processed.

Feedback
The FEEDBACK control varies the amplitude and phase of the signal that is fed back and regenerated.

Speed
The SPEED control varies the rate of modulation of the oscillator.

Delay Mix
The DELAY MIX control mixes the processed signal with the source signal.

Input Level
The INPUT LEVEL control adjusts the signal level thru put gain of the system.

Digital Delay
The selective buttons work on a binary system. By following the select scale on the front panel you are able to obtain all the delay ranges.

Delay Factor/Width
The Delay factor varies the basic clock over a 4 to 1 range and also varies the amplitude of the sweep of the internal oscillator.

EFFECTRON® II High Performance Digital Delay System

Limit/Active
The green active and red limit LED's indicate the signal level being processed.

Digital Delay
The WHITE buttons select short delays used for flanging effects. The GRAY button selects the delay suitable for doubling effects. The BLACK button(s) select long delay used for echo effects.

Infinite Repeat
The RED button activates the infinite repeat function to continuously recirculate a segment of digital data in memory with no signal degradation. (Also, remote access.)

Delay Mix
The DELAY MIX control mixes the processed signal either in or out of phase with the source signal.

Input Level
The INPUT LEVEL control adjusts the signal level and thru put gain of the system.

Feedback
The FEEDBACK control varies the amplitude and phase of the signal that is fed back and regenerated.

Delay Factor
The DELAY factor control varies the basic clock frequency over a 8 to 1 range.

Width
The WIDTH control varies the amplitude of the sweep of the internal oscillator over a 8 to 1 range.

Speed
The SPEED control varies the rate of modulation of the oscillator.

EFFECTRON® III High Performance Digital Delay System

Hi/Lo
The green LO and red HI LED's indicate the signal level being processed.

Input Level
The INPUT LEVEL control adjusts the signal level and thru put gain of the system.

Feedback
The FEEDBACK control varies the amplitude and phase of the signal that is fed back and regenerated.

Infinite Repeat
The RED button activates the infinite repeat function to continuously recirculate a segment of digital data in memory with no signal degradation.

Width
The WIDTH control varies the amplitude of the sweep of the internal low Frequency Oscillator (LFO) over a 5 to 1 range.

Speed
The SPEED control varies the rate of modulation of the LFO.

Program
The red WRITE button is used in conjunction with the READY LED to store settings in each of the memory banks. The gray buttons A, B, C, D address the memory banks.

Digital Delay
The WHITE buttons select short delays used for flanging effects. Button 32 can also be used for some chorusing effects. The GRAY button selects the delay range most commonly used for doubling effects. The BLACK button(s) select long delays used for echo effects.

Delay Factor
The DELAY FACTOR control varies the basic clock over a 4 to 1 range and also controls the level of the Envelope Follower (Attack Modulator) circuit.

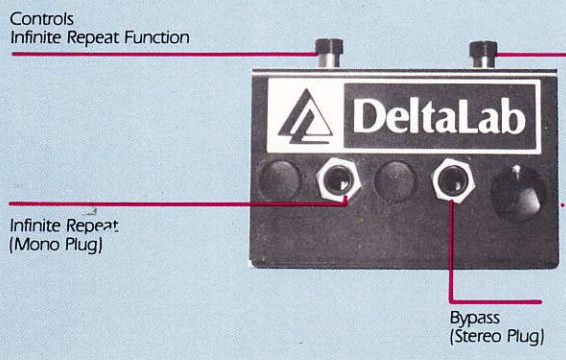
Delay Mix
The DELAY MIX control mixes the processed signal either in or out of phase with the source signal.

ADM-FOOTSWITCH

The ADM-FOOTSWITCH is a box designed for use with either the EFFECTRON I or EFFECTRON II models. The ADM-FOOTSWITCH provides a "bypass" and "repeat" switch to give those functions remote accessibility.

Also available is the DeltaLab ADM-EFF which provides up to 20 dB of gain for use with very low level guitar pickups.

FOOTSWITCH Bypass, and Infinite Repeat



ADM-STL

The ADM-STL is a foot switch designed to be used with both the Super TIME LINE and EFFECTRON III programmable units. With the ADM-STL you can independently address each of the 4 programs on command and you also have the ability to "bypass" or "repeat" a signal. The ADM-STL provides the remote control desired for live performances.

ADM-STL Remote Foot Control

Bypass
The BYPASS siwtch defeats the signal processing and sends the input source signal directly to the output of the EFFECTRON III.

Program
The PROGRAM switches A, B, C, D address the memory baanks of the EFFECTRON III accordingly.

Repeat
The REPEAT switch activates the infinite repeat function to continuously recirculate a segment of digital data in memory from no signal degradation.

THE EFFECTRON SERIES

Specifications	EFFECTRON I	EFFECTRON II	EFFECTRON III
Input — Sensitivity	-32 dBV (25m Vrms)	-26 dBV (50m Vrms)	-32 dBV (25m Vrms)
Max Level	+8 dBV (2.5Vrms)	+18 dBV (7.5Vrms)	+24 dBV (15Vrms)
Output — Max Level	+8 dBV (2.5 Vrms)	+6 dBV (2 Vrms)	+10 dBV (3 Vrms)
Delay Range — Flange	4 to 16 ms	0.25 to 16 ms	0.25 to 8 ms
Double	16 to 64 ms	16 to 64 ms	16 to 128 ms
Echo	64 to 1024 ms	64 to 1024 ms	128 to 1024 ms
Dynamic Range	87 dB	90 dB	90 dB
Frequency Response	20 to 15 KHz	20 to 17 KHz	20 to 17 KHz
Distortion	0.2%	0.2%	0.2%
Modulation — Width	4:1	8:1	5:1
Speed	0.1 to 10 Hz	0.05 to 10 Hz	0 to 10 Hz
Programmable	No	No	Yes (4 programs)
Envelope Follower	No	No	Yes
Feedback	Pos & Neg	Pos & Neg	Pos & Neg
Output Mix	Pos	Pos & Neg	Pos & Neg
Bypass	Yes	Yes	Yes
Infinite Repeat	Yes (rear only)	Yes	Yes
Ext. VC Control	No	Yes	Yes
Dimensions	1¾" x 19" x 4"	1¾" x 19" x 7"	1¾" x 19" x 10"
Weight	8 lbs	10 lbs	12 lbs

*Manufacturer reserves the right to make improvements without notice or obligation; therefore, all specifications are subject to change.

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