



# DIGIDELAY

## BLUE FACE LEGEND SERIES

[RACK EXTENSION]  
MANUAL

FX device by Turn2on Software



PRODUCT OF  
TURN2ON



At the end of the 70s, there was one fx company leading the way when it came to innovations in digital sound technology. Many of the effects units they produced quickly became popular with top stars of the day. The now legendary "BlueFace" Digital Delay in particular was favored by such musicians as David Gilmour and Frank Zappa who widely used the "BlueFace" digital delay in their touring racks and recording studios. Other famous BlueFace users include Joe Perry (Aerosmith), Roger Waters, Brian May, and Mike Rutherford to name but a few.

When first introduced in '76 it was priced at 1000 USD. Although expensive it cost a lot less than the other digital delays available on the market at the time.

The addition of a stereo output on the 1u space rack-mounted unit allowed for a very deep stereo chorus effect.

Optional memory boards were available and could be inserted in slots on the unit, to increase the delay time. These however were pretty expensive, costing almost as much as a complete unit

Digital Delay has a maximum bandwidth of 20KHz. As delays become longer this decreases down to 2.5KHz. The longer the time between repetitions, the tighter the passing frequency band, being reduced through antialiasing filters (HPF and LPF)

A series of buttons on the unit are used to select the delay range, which ranges from fractions of milliseconds to 1280ms.

Different delay modes can be used to produce a range of different effects.: Flanger (1.25-2.5 ms), Chorus (5-20 ms), Doubler (20-80 ms), Echo (80 - 320 ms).

Turn2on DIGIDELAY Rack Extension is a modern take on the "BlueFace" delay. It retains the basic functionality and character of the original module with the addition of some new features which include Clear sound and sync modes for Delay Time and Sweep Frequency. Four optional memory boards have also been provided with the module to reduce delay range time.

Try this legendary digital delay as part of your Reason Rack today.



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- Flanger (1.25-2.5 ms),
- Chorus (5-20 ms),
- Doubler (20-80 ms),
- Echo (80 - 320 ms)

# DIGIDELAY CONTROL



<b>DELAY TIME</b>	Sets the value of the selected Delay Range (x 0.25...x 2.0 times)
<b>MEMORY BOARD</b>	Sets type of the DIGIDELAY Time Range: DEFAULT: 0.31...160 ms; X1 MODULE: 0.63...320 ms; X2 MODULE: 1.3...640 ms; X3 MODULE: 1.88...960 ms; X4 MODULE: 2.5...1280 ms
<b>DELAY RANGE / BANDWIDTH SELECTOR</b>	10 selectable buttons activate one of the 10 Delay Range modes. Selected Delay Range is controlled by the Delay Time knob (x0.25 ... x2.0 times). The first 7 buttons are limited to 20 kHz, the next three buttons to 10, 5 and 2.5 kHz
<b>SYNC MODE</b>	Sets tempo synced Delay Time value (1/1 ... 1/256T)
<b>SWEEP WIDTH</b>	Sets width value of the Sweep (LFO)
<b>SWEEP FREQ</b>	Sets Sweep Frequency value (or Beats value in Sync mode)
<b>SWEEP WIDE</b>	Sets short or wide range mode of the Sweep Frequency / Beats
<b>SWEEP SYNC</b>	Sets Sweep Frequency to the quarternote tempo sync mode
<b>MIX</b>	Sets mix value between dry (unprocessed) and wet (processed) signals to the device output
<b>PHASE INV</b>	Phase inversion of the wet (processed) signal (Normal or Inverted)
<b>REGEN</b>	Sets Feedback delay value of the wet (processed) signal
<b>LEVEL</b>	Output level control
<b>ENABLE</b> BYP/ON/OFF	BYPASS - disable effect ON - enable effect OFF - mute incoming signal
<b>BYPASS</b>	Soft Bypass with smoothed fade in/out functionality

# REAR PANEL



## AUDIO INPUT/OUTPUT:

Mono or Stereo connections for audio signals.



## CV INPUTS

Use these CV inputs to control the main parameters by external CV source curves



## SIGNAL ROUTING ICONS

This is a true stereo device

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# DIGIDELAY

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 Reason Studios Add-on Shop

Thanks to all beta-testers,

**Special thanks to**

- MrFigg (Cameron Jeffrey)
- Philip Meadows (Despondo)



## Turn2on

Rack Extension Developer

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