

# Specifications Digital Delay ● SDE-3000

## < Input >

- Input Level +4dBm  
-20dBm
- Input Impedance 56 k $\Omega$  (+4dBm)  
560k $\Omega$  (-20dBm)

## < Output >

- Output Level +4dBm (+17dBm max.)  
-20dBm (-5dBm max.)
- Output Impedance 100 $\Omega$  (+4dBm)  
650 $\Omega$  (-20dBm, Mixed)  
650 $\Omega$  (-20dBm, Delay)

## < Feedback Send >

- Output Level +4dBm (+17dBm max.)
- Output Impedance 100 $\Omega$

## < Feedback Return >

- Input Level +4dBm (+17dBm max.)
- Input Impedance 42k $\Omega$

## < CV IN >

- Operating Voltage 0 to +10V ( $\pm 20V$ )
- Input Impedance 100k $\Omega$

## < CV INV OUT >

- Output Voltage 0 to 10V  $\sim$  Waveform
- Output Impedance 1k $\Omega$

## < General Performance >

- Delay Time Range 0 to 1500ms/0 to 3000ms  
(x 1.5VR min.)  
0 to 3000ms/0 to 4500ms  
(x 1.5VR max.)  
0 to 10ms (0.1ms step)  
10 to 4500ms (1ms step)
- Frequency Characteristic 10Hz to 100kHz,  
+0, -1dB (Direct)  
10Hz to 17kHz, +0.5, -3dB  
(Delay 0 to 1500ms)  
10Hz to 8kHz, +0.5, -3dB  
(Delay 0 to 4500ms)
- S/N (IHFA) 100dB (Direct) at rated input/output,  
Dynamic Range 112dB (typ)  
88dB (Delay) at rated input/output,  
Dynamic Range 100dB (typ)
- Total Harmonic Distortion  
0.008% typ (Direct) at rated input  
0.03% typ (Delay) 1kHz
- Delay Accuracy  $\pm 0.4\%$

## < Controls >

Input Attenuator  
 Delay Feedback Level Button (Up, Down)  
 Delay Output Level Button (Up, Down)  
 MODULATION RATE Button (Up, Down)  
 MODULATION DEPTH Button (Up, Down)  
 DELAY TIME Button (Up, Down)  
 DELAY TIME Expanding Knob

## < Switches >

Memory Bank Selector Switch (A/B)  
 Memory Channel Selector Switches (1, 2, 3, 4)  
 Delay Filter Switch  
 Delay Range Switch  
 Delay Phase Switch  
 Modulation Switch  
 FEEDBACK Phase Switch  
 POWER Switch  
 Input Output Level Selector Switch  
 BYPASS Switch

## < Display/Indicator >

Delay Time Display  
 Feedback Level Display  
 Delay Output Level Display  
 MODULATION RATE Display  
 MODULATION DEPTH Display  
 Input Level Indicators  
 Memory Bank Selector Indicator  
 Memory Channel Selector Indicators  
 Delay Filter Indicator  
 Delay Range Indicator  
 Delay Phase Indicator  
 Modulation Indicator  
 FEEDBACK Phase Indicator  
 DELAY ON/OFF Indicator  
 Delay CLOCK Indicator  
 Modulation RATE Indicator  
 BYPASS ON/OFF Indicator

## < Jacks >

INPUT Jack  
 DELAY OUTPUT Jack  
 MIXED OUTPUT Jack  
 Inverted CV Output Jack  
 External CV Input Jack  
 FEEDBACK LOOP SEND Jack  
 FEEDBACK LOOP RETURN Jack

## < Remote Control >

PRESET Shift Jack  
 PLAY MATE Jack  
 HOLD Jack  
 DELAY ON/OFF Jack

## < Consumption > 24W

## < Dimensions >

482(W) x 46(H) x 310(D) mm  
 19(W) x 1-13/16(H) x 12-13/16(D) in.  
 19" Rack mount (EIA-1U)

## < Weight >

5 kg/11 lb.

## < Accessories >

Connection Cable x 2

\*Specifications are subject to change without notice.