

REV100

Digital Reverberator



REV100



A high-quality, inexpensive, and easy-to-use stereo Digital Reverberator for home recording or smaller sound reinforcement applications.

- Delay-plus-reverb and modulation-plus-reverb effects.
- Simple to use, with rotary controls for setting levels and editing effect parameters.
- 99 Editable Presets - Exceptionally easy programming.
- Stereo I/O, True stereo reverb programs.
- MIDI control change commands to change effects parameters.
- Compact "1U" rack mount dimensions.
- Easy to read 2 digit LED display.
- Peak LEDs make it easy to set the optimum input level.

GENERAL SPECIFICATIONS

Sampling frequency rate	44.1kHz
Frequency response	20Hz to 20kHz
Dynamic range	80dB (TYPICAL)
Total harmonic distortion	<0.1% (1kHz, @ max. level)
Program Memories	99
Display	7-segment LED x 2 (program number)
LED indicators	PEAK, L, R, DECAY, LEVEL (editing reference)
Power Supply	DC12V IN
Dimensions (W x H x D)	480 x 45 x 232mm (18.9" x 1.8" x 9.1"), 1U
Weight	2.5kg(5.5lbs)
Included Accessory	AC Adapter

* Dynamic range is measured with a 6 dB/octave LPF @12.7 kHz; equivalent to a 20 kHz LPF with infinite dB/octave attenuation.

ANALOG INPUT AND OUTPUT SPECIFICATIONS

Terminal		Impedance	Level	Connector
			Nominal	
INPUT[L,R]	STEREO	20k Ω	-10dB	Phone jack x 2
	L-MONO	10k Ω		
OUTPUT[L,R]	STEREO	2k Ω	-10dB	Phone jack x 2
	L-MONO	1k Ω		

* Phone jacks are unbalanced.

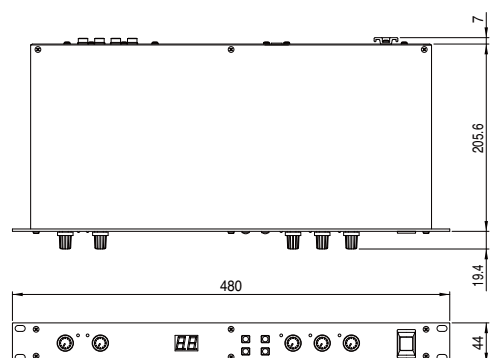
* AD/DA converter is 16-bit, @Fs=44.1kHz.

CONTROL I/O SPECIFICATIONS

Terminal	Format	Level	Connector
MIDI	MIDI	-	DIN Connector 5P

DIMENSIONS

unit : mm



EFFECT PROGRAM NO. LIST

No.	Effect Category	Effect Name	Type	No.	Effect Category	Effect Name	Type	No.	Effect Category	Effect Name	Type
1	REVERB	Vocal Rev 1	Vocal	34	GATE REVERB	Huge Room 1	Plate	67	REVERB/ MODULATION	Bright Vocal	DLY→Plate
2		Vocal Rev 2	Hall	35		Huge Room 2		68		Chorus	DLY→Plate
3		Vocal Rev 3	Vocal	36		Bathroom		69		Drum Kit 1	DLY→Room
4		Room Ambience 1	Plate	37		String Ensemble		70		Drum Kit 2	DLY→Plate
5		Room Ambience 2		38		Rude Reverb 1	Vocal	71		Soft Flange 1	Hall+FLG
6		Room Ambience 3		39		Rude Reverb 2		72		Soft Flange 2	
7		Wood Booth 1	Vocal	40		Concert Grand Piano		73		Ambience Flange 1	Room→FLG
8		Wood Booth 2		41		Small Ambience 1	Hall	74		Ambience Flange 2	
9		Acoustic Piano Plate	Hall	42		Small Ambience 2		75		Short Reverb Flange	
10		Club Piano		43		Tight Room 1	Room	76		Organ Cabinet 1	Plate→FLG
11		Booming Kick 1		44		Tight Room 2	Hall	77		Organ Cabinet 2	Room→SYM
12		Booming Kick 2	Room	45		Gate Reverb 1	Plate	78		Symphonic Reverb 1	Hall+SYM
13		Loud Snare		46		Gate Reverb 2	Vocal	79		Symphonic Reverb 2	Vocal+SYM
14		Acoustic Steel Guitar 1	Plate	47		Gate Reverb 3	Hall	80		Flange Room 1	Vocal→FLG
15		Acoustic Steel Guitar 2		48		Gate Reverb 4	Room	81		Flange Room 2	Room+FLG
16		String Plate	Vocal	49		Stone Room		82		Rolling Flange 1	Plate+FLG
17		Acoustic Gut Guitar 1		50		Big Curve	Vocal	83		Rolling Flange 2	
18		Acoustic Gut Guitar 2	Room	51	DELAY	Analog Delay 1	DELAY	84		Big Flange	Vocal→FLG
19	STEREO REVERB	Brass Room 1		52		Ping Pong Delay		85		Chorus Reverb 1	Hall+CHO
20		Brass Room 2		53		Eighth Note Triplet		86		Chorus Reverb 2	Plate+CHO
21		Large Hall 1	Hall	54		Karaoke		87		Chorus Reverb 3	Hall+CHO
22		Large Hall 2		55		Short Delay Doubler		88		Chorus Reverb 4	Vocal+CHO
23		Stage 1		56		Stereo Long Delay		89		Tremolo Reverb 1	Hall+TRM
24		Stage 2		57		Stereo Medium Delay		90		Tremolo Reverb 2	Room→TRM
25		Chamber 1	Vocal	58		Stereo Short Delay		91		Tremolo Reverb 3	Plate+TRM
26		Chamber 2	Hall	59		Mono Long Delay		92		Tremolo Reverb 4	Vocal+TRM
27		Church 1	Room	60		Mono Short Delay		93		Tremolo Reverb 5	
28		Church 2	Hall	61	DELAY/REVERB	Electric Piano	DLY+Hall	94		Tremolo Reverb 6	Hall+TRM
29		Old Tunnel	Hall	62		String Pad	DLY→Hall	95		Tremolo Reverb 7	
30		New Tunnel	Vocal	63		Synth	DLY→Vocal	96		Ambient Slow Pan 1	
31		Large Room 1	Room	64		Vocal 1	DLY→Hall	97		Ambient Slow Pan 2	Room+TRM
32		Large Room 2		65		Vocal 2		98		Sequence Pan 1	
33		Slide Reverb		66		Vocal 3	DLY+Room	99		Sequence Pan 2	

EDIT (DELAY, DECAY, LEVEL) CONTRALL PARAMETERS

No.	Effect Type	Delay	Decay	Level
No.1~20	REVERB	Pre Delay (ms)	Reverb Time (× 0.1s)	Effect Level
No.21~40	STEREO REV			
No.41~50	GATE REV		Noise Gate Level	Reverb Level
No.51~60	DELAY	Delay Time (× 10ms)	Feedback Level	
No.61~70	DLY/REV			
No.71~99	MOD/REV	Modulation Depth	Modulation Speed	