

# REV100

## Digital Reverberator



# REV100

### Rear Panel



*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	20kΩ 10kΩ	-10dB	Phone jack x 2
	L-MONO			
OUTPUT[L,R]	STEREO	2kΩ 1kΩ	-10dB	Phone jack x 2
	L-MONO			

\* Phone jacks are unbalanced.

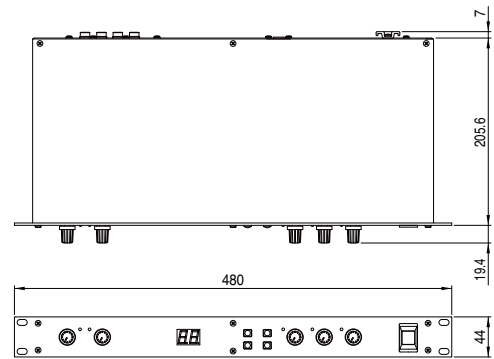
\* AD/DA converter is 16-bit, @Fs=44.1kHz.

CONTROL I/O SPECIFICATIONS

Terminal	Format	Level	Connector
MIDI	IN	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	REVERB	Huge Room 1	Vocal	67	REVERB/ MODULATION	Bright Vocal	DLY->Plate
2		Vocal Rev 2	Hall	35		Huge Room 2		DLY->Plate			
3		Vocal Rev 3	Vocal	36		Bathroom	Plate	68		Chorus	DLY->Plate
4		Room Ambience 1	Plate	37		String Ensemble	Vocal	69		Drum Kit 1	DLY->Room
5		Room Ambience 2	Vocal	38		Rude Reverb 1		67		Drum Kit 2	DLY->Plate
6		Room Ambience 3		39		Rude Reverb 2	71	Soft Flange 1		Hall->FLG	
7		Wood Booth 1		40		Concert Grand Piano	72	Soft Flange 2		Room->FLG	
8		Wood Booth 2	41	Small Ambience 1		73	Ambience Flange 1	74			Ambience Flange 2
9		Acoustic Piano Plate	Hall	42		Small Ambience 2	75	Short Reverb Flange		Plate->FLG	
10		Club Piano	Room	43		Tight Room 1	76	Organ Cabinet 1			77
11		Booming Kick 1		44		Tight Room 2	78	Symphonic Reverb 1		Hall->SYM	
12		Booming Kick 2	45	Gate Reverb 1		79	Symphonic Reverb 2	Vocal->SYM			
13		Loud Snare	46	Gate Reverb 2		80	Flange Room 1	Vocal->FLG			
14		Acoustic Steel Guitar 1	Plate	47		Gate Reverb 3	81	Flange Room 2		Room->FLG	
15		Acoustic Steel Guitar 2	Vocal	48		Gate Reverb 4	82	Rolling Flange 1		Plate->FLG	
16		String Plate		49		Stone Room	83	Rolling Flange 2		Vocal->FLG	
17		Acoustic Gut Guitar 1	40	Big Curve		84	Big Flange	Hall->CHO			
18		Acoustic Gut Guitar 2	Room	51		DELAY	85	Chorus Reverb 1		Plate->CHO	
19		Brass Room 1		52		Analog Delay 1	86	Chorus Reverb 2		Hall->CHO	
20		Brass Room 2	53	Ping Pong Delay		87	Chorus Reverb 3	Vocal->CHO			
21	STEREO REVERB	Large Hall 1	Hall	54	Eighth Note Triplet	Hall->CHO	88	Chorus Reverb 4	Vocal->CHO		
22		Large Hall 2	Vocal	55	Karaoke	Hall->TRM	89	Tremolo Reverb 1	Room->TRM		
23		Stage 1		56	Short Delay Doubler	90	Tremolo Reverb 2	Plate->TRM			
24		Stage 2	57	Stereo Long Delay	91	Tremolo Reverb 3	Vocal->TRM				
25		Chamber 1	Hall	58	Stereo Medium Delay	92	Tremolo Reverb 4	Hall->TRM			
26		Chamber 2	Room	59	Stereo Short Delay	93	Tremolo Reverb 5	Hall->TRM			
27		Church 1	Hall	60	Mono Long Delay	94	Tremolo Reverb 6		95	Tremolo Reverb 7	
28		Church 2	Hall	61	Mono Short Delay	96	Ambient Slow Pan 1	Room->TRM			
29		Old Tunnel	Hall	62	DELAY/REVERB	97	Ambient Slow Pan 2		98	Sequence Pan 1	
30		New Tunnel	Vocal	63	Electric Piano	DLY->Hall	99		Sequence Pan 2		
31		Large Room 1	Room	64	String Pad	DLY->Vocal					
32		Large Room 2	Room	65	Synth	DLY->Vocal					
33		Slide Reverb		66	Vocal 1	DLY->Hall					
		66		Vocal 2	DLY->Room						
			66	Vocal 3	DLY->Room						

EDIT (DELAY, DECAY, LEVEL) CONTRALL PARAMETERS

No.	Effect Type	Delay	Decay	Level
No.1~20	REVERB	Pre Delay (ms)	Reverb Time (x 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 (x 10ms)	Feedback Level	
No.61~70	DLY/REV			
No.71~99	MOD/REV	Modulation Depth	Modulation Speed	