BOSS®

SPACE ECHO RE-20

COSM



AUTHENTIC BOSS

A Roland Classic Rebirth & Reinvented

One of the most beloved echo effects ever made, the Roland RE-201 Space Echo, has been reborn as the BOSS RE-20 Twin Pedal! Roland and BOSS have recreated every sonic detail and nuance of the original. Experience the legendary tape-echo sound of the RE-201, and get "lost in space" with this retro-modern marvel.



RE-20 Specifications

■**Nominal Input Level** -20 dBu (INPUT VOLUME knob: center), max +4 dBu ■**Nominal Output Level** -20 dBu ■**Input Impedance** 1 MΩ ■**Output Impedance** 1 kΩ ■**Recommended Load Impedance** 10 kΩ more ■**Controls Effect** On/Off, Pedal switch, Tap Pedal switch, BASS knob, TREBLE knob, REVERB VOLUME knob, REPEAT RATE knob, INTENSITY knob, ECHO VOLUME knob, MODE SELECTOR knob, INPUT VOLUME knob, DIRECT On/Off switch ■**Display** Virtual Tape Display ■**Indicators** POWER indicator (Serves also as battery check indicator), PEAK LEVEL indicator, EFFECT On/Off indicator, TAP indicator ■**Connectors** INPUT jack (A/MONO, B: 1/4" Phone-type), OUTPUT jack (A/MONO, B: 1/4" Phone-type), EXP PEDAL jack (1/4" TRS phone type), AC Adaptor jack (DC 9V) ■**Power Supply** DC 9V: Dry battery AA x 6, AC Adaptor (PSA series: optional) ■**Current Draw** 75 mA (9 V max.) * Expected battery life under continuous use. Carbon: 9 hours, Alkaline: 32 hours, These figures will vary depending on the actual conditions of use. ■**Dimensions** 173 (W) x 158 (D) x 57 (H) mm, 6-13/ 16 (W) x 6-1/4 (D) x 2-1/4 (H) inches ■**Weight** 1.1 kg/ 2 lbs 7 oz (including battery) ■**Accessories** Owner's Manual, Leaflets (USING THE UNIT SAFELY, IMPORTANT NOTES, and information), Dry Battery R6 (AA) type (carbon) x 6 ■**Options** AC Adaptor: PSA series (BOSS), Expression Pedal: FV-500L/FV-500H (BOSS), EV-5 (Roland) * 0 dBu= 0.775 Vrms



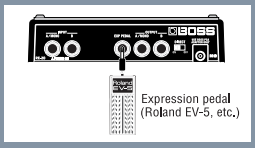
●Uses COSM technology to faithfully simulate the characteristics of the famed Roland RE-201 Space Echo

●Reproduces the distinctive wow-and-flutter-induced wavering and classic compression obtained from magnetic-tape saturation

●Delay times can be set quickly and easily with the TAP input pedal



●Control REPEAT RATE, INTENSITY, ECHO LEVEL, and TWIST with an Expression pedal (sold separately)



●Virtual Tape Display produces a visual image of a running tape

●MODE SELECTOR offers 12 reverberation/echo effects through various combinations of three virtual playback heads and reverb

MODE SELECTOR		REPEAT				REVERB ECHO							REVERB ONLY
		1	2	3	4	5	6	7	8	9	10	11	
Playback Heads	1	●				●			●		●	●	
	2		●		●		●		●	●		●	
	3			●	●			●		●	●	●	
REVERB						●	●	●	●	●	●	●	●

●: On
REPEAT (MODE SELECTOR knob "1"–"4"): Echo only
REVERB ECHO (MODE SELECTOR knob "5"–"11"): Combined echo and reverb
REVERB ONLY (MODE SELECTOR knob "REVERB ONLY"): Reverb only

TWIN PEDAL SERIES

TWIN PEDAL



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ROTARY ENSEMBLE
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COSM

COSM
Composite Object Sound Modeling

Once a musical instrument generates sound vibrations, it reaches the human ear through various mediating, objects, each of which significantly affects the sound. The material and configuration of the instrument, the electric/magnetic amplifying system, the air and the reverberation of the room all affect the final sound. Sound modeling, the latest DSP technology, "virtually" reconstructs these objects. Roland's breakthrough Composite Object Sound Modeling (COSM®) uses the advantages of multiple modeling methods and succeeds in accurately emulating existing sounds, as well as producing sounds that have never before been created.

BOSS®
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