

SPACE ECHO RE-20

COSM



USING A MAGNETIC TAPE SYSTEM
ROLAND SPACE ECHO RE-201



The Space Echo RE-201 has been heard on numerous recordings. By 1974, Roland was the first to create a magnetic tape echo which could be used in a variety of ways. The RE-201 has a total of 12 different echo settings which can be used in a variety of ways. The RE-201 is used in a variety of ways. The RE-201 is used in a variety of ways.



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.



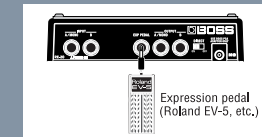
● Uses COSM technology to faithfully simulate the characteristics of the famed Roland RE-201 Space Echo

● 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

RE-20 Specifications

■ **Nominal Input Level** -20 dBu (INPUT VOLUME knob: center), max +4 dBu ■ **Nominal Output Level** -20 dBu ■ **Input Impedance** 1 M Ω ■ **Output Impedance** 1 k Ω ■ **Recommended Load Impedance** 10 k Ω 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



TWIN PEDAL SERIES



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OD-20

OVERDRIVE/DISTORTION
COSM



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ROTARY ENSEMBLE
RT-20

ROTARY SOUND PROCESSOR
COSM



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.



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