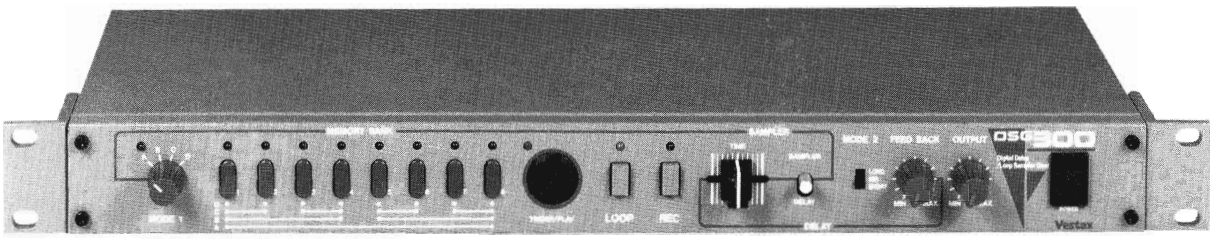
Vestax®

DIGITAL DELAY/LOOP SAMPLER GEAR

DSG-300

OWNER'S MANUAL



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IMPORTANT

To prevent electric shock, do not remove cover.
No user serviceable parts inside, refer servicing to qualified personnel.
Always disconnect all the equipment from the main supply when disconnecting the signal leads.
Disconnect from AC supply when equipment is not used for an extended period of time.

PRECAUTIONS

Please read these instructions before operating this unit

***Humidity and Dust**
Avoid use where there is high humidity and dust which may cause damage to internal parts.

***Temperature**
Avoid use in hot (over 35℃/95° F) and cold (below 5℃/40° F) locations. Keep the unit away from extreme direct heat such as direct sunlight, heating radiators, or closed vehicles.

***Keep away from liquids.**
Do not stand vessels containing liquids on or near the equipment. If liquid does happen to enter equipment, disconnect the power cord from the outlet immediately.

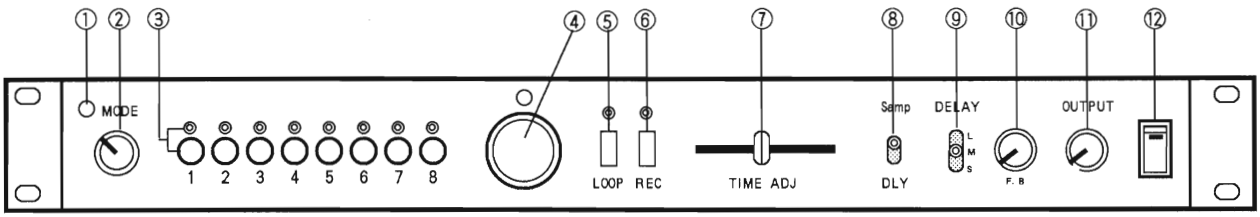
Features

19″ Rack Mounting
Digital Delay - Up to 2 sec.—(3 modes)
Digital Sampling - Up to 16 sec.—(4 modes)
Selectable Looping - Digital Sample
Overload LED Indicator
Adjustable Playback Level
Dry"In/Out" Switch

SPECIFICATIONS

DSG-300 DIGITAL DELAY/SAMPLER

AD/DA COMVERTION	: ADM
FREQUENCY RESPONSE	: 20Hz~18KHz
S/N RATIO	: 80dB (JIS - A - WTD)
INPUT LEVEL/IMPEDANCE	: −10dB/50KOhm-¼″ jack × 2
OUTPUT LEVEL/IMPEDANCE	: −10dB/10KOhm-¼″ jack × 2
SAMPLING TIME	: 2 Sec. Max [8 bank Mode] 4 Sec. Max [4 bank Mode] 8 Sec. Max [2 bank Mode] 16 Sec. Max [1 bank Mode]
DELAY TIME	: 128 − 512mSec. [Short Mode] 256 − 1024mSec. [Mid Mode] 512m − 2048mSec. [Long Mode]
DEMENSIONS W×H×D	482×44×158㎜ (19″ × 2″ ×6¼″)
POWER REQUIREMENTS	: 15V DC 400mA (DC-15 Adptor)



FRONT PANEL

①OVER LORD LED

Flashes if input signal is too high. This will cause clipping and distortion. Turn the output level down from the external mixer until it stops flashing.

②SAMPLING MODE SELECT

Select Sampling mode for operetion.

Mode A: 1 Memory-(8 banks) maximum sampling time 16 seconds each.

Mode B: 2 Memories - (4 banks each) maximum sampling time 8 seconds each.

Mode C: 4 Memories - (2 banks each) maximum sampling time 4 seconds each.

Mode D: 8 Memories-(Single bank each)maximum sampling time 2 seconds each.

NOTE: Automatically cancelled when delay selected.

③BANK SWITCHES#1 THRU#8, BANK INDICATOR LED

Select Sampling banks for operation. An indicator LED shows selection.

Use these with Sampling Mode Select.

Mode A : play from all 8 Memory banks in sequence-select starting bank by switch

Mode B : play from 4 Memory banks in sequence-select starting bank by switch

Mode C : play from 2 Memory banks in sequence-select starting bank by switch

Mode D : play from 1 Memory bank-select which bank to use by switch

NOTE: The play will start at the memory bank which has the bank switch depressed.

④PLAY SWITCH

Playback will begin from the baginning of the memory bank which has been selected when this switch is pressed and held down.

Playback automatically stops when the sample memory bank time comes to an end, or sooner if the button is released.

NOTE: When using a LOOP play, this switch becomes TRIGGER PLAY switch. The playback will begin from the start each time the TRIGGER switch is depressed. This will cause a stutter effect if depressed in time with the music.

⑤LOOP PLAY SWITCH, INDICATOR LED

When this switch is pressed, the selected sampling sound is looped (played back repeatedly). The indicator LED of the bank selected for playing flashes to show which memory bank the sound is being played from, Press again to release from loop play.

Also when in mode A, B, and C, the bank LED indicator indicates the order of playback and can therefore be used as a basis for timing of sampling.

⑥REC SWITCH, INDICATOR LED

In sampling mode, this switch begins the recording of the sampled sound.

Sampling (recording) will automatically stop when the selected time ends. LED will light when in the record mode.

⑦TIME ADJUST CONTROL

Adjusts sampling record/play time and delay time. Position the knob to the right for longest time. Position to the left for the shortest time.

⑧SAMPLING/DELAY MODE SWITCH

Select Digital Delay or Digital Sampler opration.

⑨DELAY RANGE SWITCH

Sets range of adjustment for delay time.

Short : 128—512 mSec

Mid : 256—1024 mSec

Long : 512—2048 mSec

NOTE : Automatically cancelled when sampling is selected.

⑩FEED BACK CONTROL

When the Digital Delay circuitry is set to Delay, this control determines the number of repeats. One repeat will be obtained with the control set counter-clockwise. Multiple repeats obtained by rotating the control clockwise.

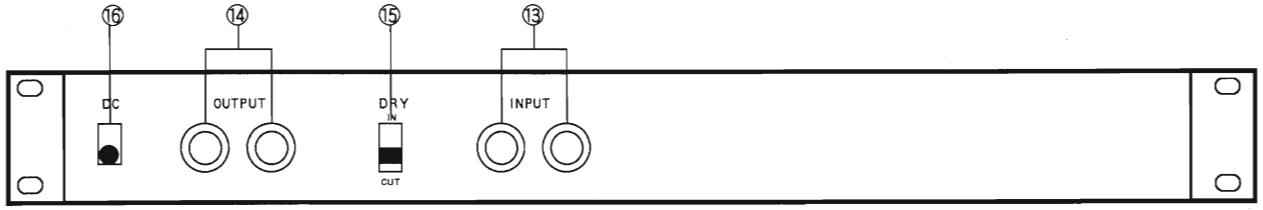
⑪OUTPUT LEVEL CONTROL

Adjust the output level of Sampler sound/Delay sound. Minimum output when the control is set counter-clockwise, maximum output when the control is clockwise.

⑫POWER SWITCH

ON/OFF Power switch. LED is lighted when power is on.

NOTE : The DSG-300 requires approx. 40 seconds after the POWER switch is turned on to clear the memory banks and prepare for operation. The bank indicator LED's will flash in sequence during the erase operation. The #1 bank indicator LED will show a steady light when ready for operation.



REAR PANEL

⑬INPUT JACK (¼ inch Jack), −10dBV
Connect AUX SEND jack of the mixer or the outputs of the mixer, Cassette deck, CD player, etc. (See connection diagram).

⑭OUTPUT JACK (¼ inch Jack), −10dBV
Output jacks for connection to pre-amps power amplifier or AUX RETURN jack of the mixer (See connection diagram).

⑮DRY IN/CUT SWITCH
Select DRY sound or DRY+DELAY/SAMPLE sound. When the AUX SEND/RETURN jacks of mixer are connected to the DSG-300, select DRY-CUT position (to Up)
When using a mixer or other device without effect loop, select DRY-IN position (to Down).

⑯DC-IN
Connect to the DC-15 AC Adaptor.

CONNECTION DIAGRAM