

Ibanez[®]

FLANGER FL-301

SPECIFICATIONS

CONTROLS.....	SPEED, WIDTH, REGEN SWITCH.....	NORMAL/EFFECT
INPUT IMPEDANCE.....	500 K Ω	
OUTPUT IMPEDANCE.....	10 K Ω	
EQUIVALENT INPUT NOISE.....	-100 dBm	(Input shorted IHF A curve)
DELAY RANGE.....	2.5 msec~12 msec	
CONTROL SPEED.....	0.057 Hz~11 Hz	
MAXIMUM INPUT LEVEL.....	+4 dBm	
GAIN.....0 dB	
BATTERY.....	S006P 9 Volt 2 required. Or external AC adapter : "AC-18" optional.	
SIZE.....	111 mm x 60 mm x 36 mm	
WEIGHT.....	320 g.	

OPERATING INSTRUCTIONS

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FEATURES

- Designed for versatile flanging effects at low cost.
- Low noise. Studio quiet.
- New style footswitch for ease of operation and no switching noise.
- On / off LED indicator shows when the effect is on and if battery level is sufficient.
- External DC jack for AC adapter (18 VDC).
- Compact die cast aluminum case. Rugged and small enough to fit in a guitar case.

OPERATION

- (1) Connect the output jack of the Flanger to an amp. Connect the input jack to the instrument. The unit switches on when a plug is inserted into the input jack.
- (2) Speed Control
Controls the automatic sweep speed of the flanger. Turning knob CW (clockwise) increases speed.
- (3) Width Control
Varies the amount of time shift. Turning this control CW increases the depth of the flanging effect.
- (4) Regen Control
Controls the amount of signal fed back within

the flanger. Turning knob CW increases the presence of the flanging effect.

- (5) Footswitch
A soft touch switches the FL-301 into normal or effect mode.
- (6) LED Indicator
Lights when unit is in effect mode. Glows dimly or does not light when battery is in need of replacement.
- (7) External Power Jack
The FL-301 can be externally powered by the "AC-18" 18 VDC adapter.
- (8) Changing The Battery
To change the battery, remove the four screws on the bottom of the unit and take the plate off. To avoid damaging the screws, use the proper screwdriver.

NOTES

- Unplug the instrument when not in use.
- When storing the FL-301 for long periods of time, remove the battery.
- You will hear some loss of level and distortion when the battery begins to run down. Replace the battery when the LED indicator is dim.
- When using external power source, it is not necessary to disconnect the battery. Switching is automatically accomplished internally.