

## ■ NOTES

- Unplug the instrument when not in use.
- When storing the unit for long periods of time, disconnect the battery.
- You will hear some loss of level and distortion when the battery begins to run down.
- When using external power source, we recommend you use Ibanez AC adaptor AC109
- Do not remove the screws on bottom.

## ■ SPECIFICATIONS

### ■ FL-301DX

Input Impedance:	500K ohms
Output Impedance :	10K ohms
Maximum Input Level :	4 dBm
Gain :	0 dB
Delay Time :	1-12.8 msec
Speed Range :	0.3-3 Hz
Equivalent Input Noise :	-75 dBm (IHF-A)
Power Supply :	One 9 Volt Battery or external AC adaptor (AC-109)
Size :	125 mm, 4.9"(D)×74mm, 3" (W)×56mm, 2.2"(H)
Weight :	550g, 1.2 lbs

# *Ibanez*

# FLANGER

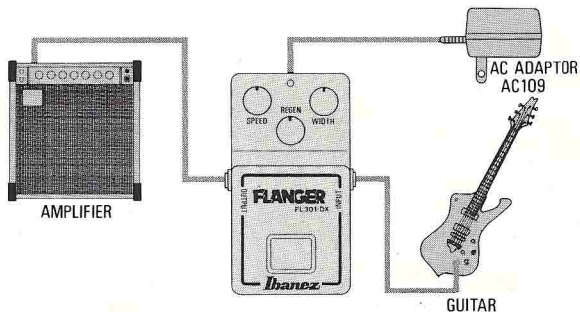
## FL301·DX

## INSTRUCTION MANUAL

## ■ FEATURES

- High quality effect with good function is at the top level. Can't believe it is a compact effect!
- Adapted low noise BBD in delay circuit. It gains noiseless clear sound.
- Continuous status flanging effects can be gained through complete electric source circuit with batter itself only.
- FET electronic switching provides clickless, popfree switching. (Q-1 "Quiet One" switch)
- Battery can be changed without tools.
- LED indicator shows status of effect and battery condition.
- When using the unit for long periods of time, you can use external AC power by connecting the adaptor to the EXT. POWER jack.
- Zinc die cast construction and rugged rubber stopper assures durability.

## ■ OPERATION



- ① Connect the input jack to your instrument. The circuit is automatically turned on when a plug is inserted.
- ② SPEED — Varies sweep rate.
- ③ WIDTH — Controls amount of sweep deviation.
- ④ REGEN — Adds overall coloration and depth.
- ⑤ Soft touch FET electronic switch changes EFFECT/NORMAL.
- ⑥ LED indicator comes on when effect is on. If it is dim or does not light, replace the battery.
- ⑦ EXT D.C. — When using external D.C. supply, internal batteries are switched off.

## ■ CHANGING THE BATTERY

- ① Push the tab marked "OPEN" and lift up.
- ② Replace the battery as shown in figure 2.
- ③ Put the battery cover into the groove and push to the end.

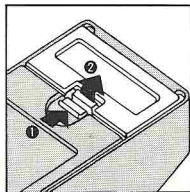


Fig. 1

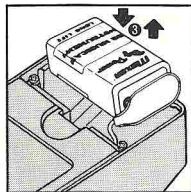


Fig. 2

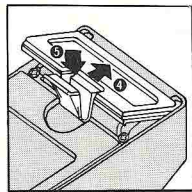


Fig. 3