



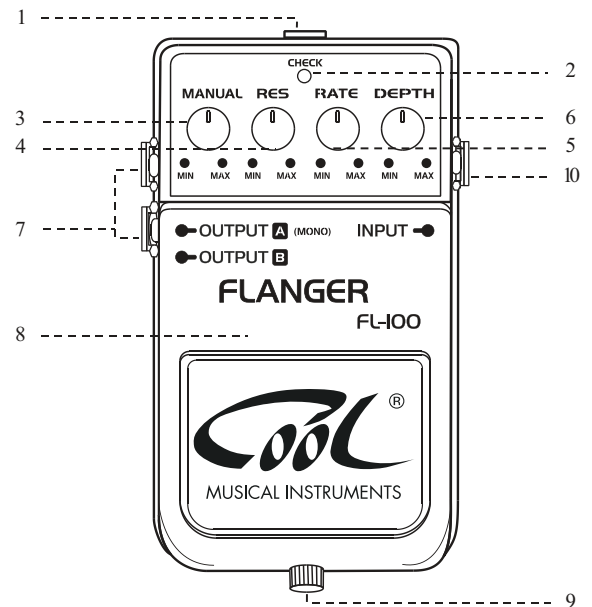
FL-100 FLANGER

The FL-100 offers wide and breathing flanging sound. Set the rate to the tempo along with the rhythm. By setting the depth to create gentle or thick flanging sound. Stereo output gives a deep effect.

Features

Panel Description

- AC Adaptor Jack:** Connect an AC Adaptor (100-240V/50-60Hz). An AC Adaptor allows long and secure operation without worrying about battery life. Use the proper supply for your area's Mains line voltage.
- Indicator LED:** This LED indicates when the effect is turned on. *Operating on battery power only: when the LED becomes dim or does not light the battery need to be replaced.
- Manual Knob:** Used this control to adjust the center frequency of effect sound. Turn the knob clockwise to raise the range of effect sound.
- Res Knob:** Used this control to adjust the feedback of the chorus sound. Turn this knob clockwise to emphasize the flanging sound.
- Rate Knob:** Used this control to adjust the speed of the chorus effect. Turn this knob clockwise to increase the speed of effect sound and counter-clockwise to decrease the speed of effect sound.
- Depth Knob:** Used this control to adjust the depth of chorus effect. Turn this knob to deepens the effect and counter-clockwise to create the shallower effect.
- Output Jacks A/B:** Use these jacks to connect an amplifier or other units. Use Jack A for mono output.
- Pedal:** Press the pedal turns the effect on and off.
- Thumb Screw:** Loosen the screw to open the pedal for battery replacement. (For detail of the battery replacement, see "BATTERY REPLACEMENT")
- Input Jack:** Connect your instrument to this jack. To prolong battery life, disconnect all cables from the pedal when not in use.



Specifications

Normal Input Level-----	-20dBu
Input Impedance-----	1 M Ω
Normal Output Level-----	-20dBu
Output Impedance-----	1 k Ω
Recommended Load Impedance	-----10 k Ω or greater
Jack-----	Input ,Output ,AC Adaptor
Residual Noise	-----
-----	-85dBu (IHF-A, Typ.)
Power Supply-----	DC 9V; Dry battery (6F22/9V), AC adaptor
Controls-----	-Pedal Switch, Res, Rate, Depth, Manual
Indicator -----	Check Indicator (Serves also as battery check indicator)
Current Draw-----	18mA, (DC 9V)
Dimensions-----	72*128*60 mm
Weight-----	412g (no battery)
Option-----	AC adaptor

Battery Replacement

- Loosen the screw on the pedal to open it.
- Remove the battery from the battery compartment and disconnect the battery cable.
- Connect a new battery to the battery cable and put it back in the battery compartment. Make sure the polarity of the battery is correct and the battery cable does not interfere with the spring or pedal cover.
- Push the coil spring into the spring base, then close the pedal.
- Insert the thumbscrew into the guide bush hole and firmly tighten the screw.

Connections

- Connecting an instrument to this jack will automatically switch the unit on. Be sure to disconnect the cord from this jack when the unit is not being used.
- Before connecting or disconnecting any instrument, make sure that the volume of the amplifier is turned down.
- For monaural output, use Output jack A. Both the dry and processed signals are output.
- For stereo use: Output A: Only the processed signal (pitch modulated sound) is output. The dry (unprocessed) signal is not output. Output B: Only the dry signal is output.
- When you use a high output guitar, the sound may be distorted. If distortion occurs, turn down the volume of the guitar or use a limiter, etc.

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