

# HI BAND FLANGER HF300

Ultimate High-Band Flanger Effects Pedal

Thank you for showing your confidence in us by purchasing the BEHRINGER HI BAND FLANGER HF300. This high-quality effects pedal delivers incredible flanging effects one octave higher than usual to take your guitar or keyboard to a new level.

Originally, the flanger effect was generated with two tape recorders running synchronously. The same audio signal was recorded on both machines. If you put a finger on the left spool of one of the machines, the spool and the playback speed are slowed down. The generated delay results in phase shifting of the signals.

## 1. Controls



- 1 The **MANUAL** control adjusts the delay length and determines the starting point for the modulation range. If **DEPTH** is set to minimum, it controls a static comb filter effect between dry and delayed signal, which can be used to create resonator-like sounds.
- 2 The **DEPTH** control adjusts the flanger sweep range according to the delay time.
- 3 The **RATE** control adjusts the speed of the flanger's low frequency oscillator.
- 4 The **RES**(onance) control determines the amount of output signal fed back to the flanger input to increase the resonance effect. This adds a jet stream like sound to the flanger effect
- 5 The **ON/BATT** LED illuminates when the effect is activated. It also serves as a battery level indicator.
- 6 Use the footswitch to activate/deactivate the effect.
- 7 Use this 1/4" TS **IN** connector to plug in the instrument cable.
- 8 The 1/4" TS **OUT** connector sends the signal to your amp.

Use the **DC IN** connection at the front of the unit to plug in a 9 V power supply (not included).

The **BATTERY COMPARTMENT** is located underneath the pedal cover. To install or replace the 9 V battery (not included), press the hinges with a ballpoint pen and remove the pedal cover. Be careful not to scratch the unit.

♦ **The HF300 has no on/off switch. As soon as you insert the plug into the in connector, the HF300 is on. When not in use, remove the plug from the in connector. This extends the life of the battery.**

The **SERIAL NUMBER** is located at the bottom.

## 2. Safety Instructions

Do not use near water, or install near heat sources. Use only authorized attachments/accessories. Do not service product yourself. Contact our qualified servicing personnel for servicing or repairs, especially when power supply cord or plug is damaged.

## 3. Warranty

Please register your new BEHRINGER equipment right after your purchase by visiting <http://behringer.com> and read the terms and conditions of our warranty carefully.

## 4. Specifications

In	
Connector	¼" TS
Impedance	500 kΩ

Out	
Connector	¼" TS
Impedance	500 kΩ

Power Supply	
	9 V $\equiv$ , 100 mA regulated

### BEHRINGER PSU-SB

USA/Canada	120 V~, 60 Hz
Europe/U.K./Australia	230 V~, 50 Hz
China	220 V~, 50 Hz
Korea	220 V~, 60 Hz
Japan	100 V~, 50/60 Hz

Power connector	2 mm DC jack, negative center
Battery	9 V type 6LR61
Power consumption	30 mA

Physical/Weight	
Dimensions (H x W x D)	approx. 2 ⅞ x 2 ¾ x 4 ⅝"
Weight	approx. 0.73 lbs / 0.33 kg

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