

# ULTRA FLANGER UF100



Thank you for showing your confidence in us by purchasing the BEHRINGER ULTRA FLANGER UF100. This high-quality effects pedal delivers two flangers in one—from jet-plane thick chorus, vibrato to short delay effects. Thanks to its high-performance features you can choose between classic and detuned flanger effects with extensive parameter controls for awesome sound shaping.

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




Top view

- 1 The **MODE** switch lets you choose between negative feedback (Mode 1) or positive feedback (Mode 2) flanger modes. Negative feedback means that the delayed signal is inverted before it is fed back to the original signal. In positive feedback mode the delayed signal is not inverted. In this case the effect has a more detuned character perfect for vibrato effects.
- 2 With the **MANUAL** control you can adjust the flanger delay time. Longer delay times produce a sharper, more detuned sound, very close to a chorus effect.
- 3 Turn up the **DEPTH** control to achieve a fuller and deeper effect sound.
- 4 The **RATE** control determines the speed of the flanger effect.
- 5 The **RES(onance)** control determines the amount of output signal fed back to the flanger input to increase the resonance frequency. That way the flanger effect gets more intensive.
- 6 The **ON/BATT** LED illuminates when the effect is activated. It also serves as a battery level indicator.
- 7 Use the footswitch to activate/deactivate the effect.
- 8 Use this 1/4" TS **IN** connector to plug in the instrument cable.
- 9 The 1/4" TS **OUT** connector sends the signal to your amp.

Use the **DC IN** connection 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, press the hinges with a ballpen and remove the pedal cover. Be careful not to scratch the unit.

 The UF100 has no on/off switch. As soon as you insert the jack into the IN connector, the UF100 begins running. When not using the UF100, remove the jack from the IN connector. This extends the life of the battery.

The *SERIAL NUMBER* is located at the bottom.

## 2. WARRANTY

For our current warranty terms, please refer to our website at <http://www.behringer.com>.

## 3. SPECIFICATIONS

In	Connector	1/4" TS
	Impedance	500 kΩ
Out	Connector	1/4" TS
	Impedance	1 kΩ
Power supply		9 V, 100 mA DC regulated PSU-SB-CN BEHRINGER 220 VAC adaptor China PSU-SB-EU BEHRINGER 230 VAC adaptor Europe PSU-SB-JP BEHRINGER 100 VAC adaptor Japan PSU-SB-SAA BEHRINGER 240 VAC adaptor Australia PSU-SB-UK BEHRINGER 240 VAC adaptor UK PSU-SB-UL BEHRINGER 115 VAC adaptor USA
Power connector		2 mm DC jack, negative center
Battery		9 V type 6LR61
Power consumption		30 mA
Dimensions (H x W x D)		approx. 54 mm (2 1/8") x 70 mm (2 3/4") x 123 mm (4 4/5")
Weight		approx. 0.33 kg (0.73 lbs)

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## 4. 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.**

No utilizar cerca de agua o instalar cerca de fuentes de calor. Utilice sólo accesorios y aditamentos autorizados. No intenté reparar el producto usted mismo. Contacte a nuestro personal técnico cualificado para servicio y reparaciones, **especialmente cuando la fuente o el cable de alimentación estén dañados.**

Не эксплуатировать прибор вблизи от источников воды и тепла. Применять только авторизованные дополнительные устройства. Никогда не ремонтируйте прибор самостоятельно. Ремонт может производить только квалифицированный специализированный персонал, **особенно при повреждениях сетевого провода или сетевой вилки.**

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