

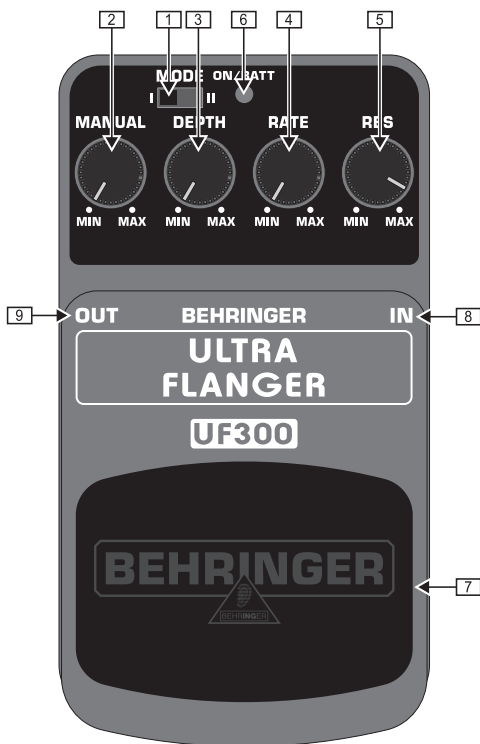
# ULTRA FLANGER UF300



Thank you for showing your confidence in us by purchasing the BEHRINGER ULTRA FLANGER UF300. 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 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, press the hinges with a ballpen and remove the pedal cover. Be careful not to scratch the unit.

 The UF300 has no on/off switch. As soon as you insert the jack into the IN connector, the UF300 begins running. When not using the UF300, 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 $\pm$ , 100 mA regulated BEHRINGER PSU-SB
	USA/Canada	120 V~, 60 Hz
	U.K./Australia	240 V~, 50 Hz
	China/Korea	220 V~, 50 Hz
	Europe	230 V~, 50 Hz
	Japan	100 V~, 50 - 60 Hz
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)

BEHRINGER is constantly striving to maintain the highest professional standards. As a result of these efforts, modifications may be made from time to time to existing products without prior notice. Specifications and appearance may therefore differ from those listed or shown.

## 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 эксплуатуйте прибор вблизи от источников воды и тепла. Применяйте 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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# FEDERAL COMMUNICATIONS COMMISSION

## COMPLIANCE INFORMATION



Responsible party name: **MUSIC Group Services USA, Inc.**

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Phone/Fax No.: **Phone: +1 425 672 0816  
Fax: +1 425 673 7647**

### **ULTRA FLANGER UF300**

complies with the FCC rules as mentioned in the following paragraph:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

#### **Important information:**

Changes or modifications to the equipment not expressly approved by MUSIC Group can void the user's authority to use the equipment.