

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




Top view

- 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 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 underside.

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 k Ω |
| Out | Connector | 1/4" TS |
| | Impedance | 1 k Ω |
| 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 |
| 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 intente 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 эксплуатируйте 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 повреждении сетевого провода или сетевой вилки.**

水分の近くや、ヒーターなど熱気のある場所では使用しないでください。正式に認可された付属品のみを使用してください。製品はご自分では決して修理せず、特に電源コードもしくはプラグが損傷した場合には、必ず製品サービスおよびリペアの資格を有した当社の担当員にご相談ください。

不要在靠近水源的地方使用，或在靠近热源的地方安装。只使用经过许可的附件/配件。不要自己进行产品维修，**尤其是当电源线或插座损坏的时候**。请联系我们的专业服务人员有关产品维修事宜。

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Manuali italiani disponibili @ www.behringer.com

Русскоязычное руководство @ www.behringer.com

Polska instrukcja dostępna jest pod adresem @ www.behringer.com

Nederlandse handleiding beschikbaar @ www.behringer.com

Suomenkielinen käyttöohje saatavilla osoitteesta www.behringer.com

Svensk manual finns tillgänglig på www.behringer.com

Dansk vejledning findes på @ www.behringer.com

Manual português disponível @ www.behringer.com

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FEDERAL COMMUNICATIONS COMMISSION

COMPLIANCE INFORMATION



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

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HI BAND FLANGER HF300

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.