

# ULTRA PHASE SHIFTER UP300

2-Mode Phaser Effects Pedal

Thank you for showing your confidence in us by purchasing the BEHRINGER ULTRA PHASE SHIFTER UP300. This high-quality effects pedal is designed for all musicians yearning for a way to pep up their sound. Thanks to its high-performance features you can create phase shifting effects modeled after two of the most legendary pedals.

With the phaser, a second, phase-shifted signal is added to the original audio signal. The result is thicker and enhanced sound. This effect is often used for guitar sounds and keyboards. In the '70s, it was also extensively used for other instruments like electric pianos.

## 1. Controls



- 1 The **MODE** switch lets you choose between negative feedback (Mode 1) or positive feedback (Mode 2) phaser 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 The **LEVEL** control adjusts the output level.
- 3 The **RATE** control determines the speed of the phase shifting effect.
- 4 Turn up the **DEPTH** control to achieve a fuller, deeper effect sound.
- 5 The **RES(onance)** control determines the amount of output signal fed back to the phaser input to increase the effect intensity.
- 6 This blue **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 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 UP300 has no on/off switch. As soon as you insert the jack into the in connector, the UP300 begins running. When not using the UP300, remove the jack 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	1 kΩ

Power Supply	
	9 V  , 100 mA regulated

### BEHRINGER PSU-SB

USA/Canada	120 V~, 60 Hz
China/Korea	220 V~, 50 Hz
U.K./Australia	240 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

Physical/Weight	
Dimensions (H x W x D)	approx. 2 ½ x 2 ¾ x 4 ½"
Weight	approx. 0.73 lbs / 0.33 kg

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.

TECHNICAL SPECIFICATIONS AND APPEARANCES ARE SUBJECT TO CHANGE WITHOUT NOTICE AND ACCURACY IS NOT GUARANTEED. BEHRINGER IS PART OF THE MUSIC GROUP (MUSIC-GROUP.COM). ALL TRADEMARKS ARE THE PROPERTY OF THEIR RESPECTIVE OWNERS. MUSIC GROUP ACCEPTS NO LIABILITY FOR ANY LOSS WHICH MAY BE SUFFERED BY ANY PERSON WHO RELIES EITHER WHOLLY OR IN PART UPON ANY DESCRIPTION, PHOTOGRAPH OR STATEMENT CONTAINED HEREIN. COLORS AND SPECIFICATIONS MAY VARY FROM ACTUAL PRODUCT. MUSIC GROUP PRODUCTS ARE SOLD THROUGH AUTHORIZED FULLFILLERS AND RESELLERS ONLY. FULLFILLERS AND RESELLERS ARE NOT AGENTS OF MUSIC GROUP AND HAVE ABSOLUTELY NO AUTHORITY TO BIND MUSIC GROUP BY ANY EXPRESS OR IMPLIED UNDERTAKING OR REPRESENTATION. THIS MANUAL IS COPYRIGHTED. NO PART OF THIS MANUAL MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING AND RECORDING OF ANY KIND, FOR ANY PURPOSE, WITHOUT THE EXPRESS WRITTEN PERMISSION OF MUSIC GROUP IP LTD. ALL RIGHTS RESERVED. © 2012 MUSIC Group IP Ltd. Trident Chambers, Wickhams Cay, P.O. Box 146, Road Town, Tortola, British Virgin Islands