

Thank you for showing your confidence in us by purchasing the BEHRINGER ULTRA PHASE SHIFTER PS100. 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




Top view

- 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 *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 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 UP100 has no on/off switch. As soon as you insert the jack into the IN connector, the UP100 begins running. When not using the UP100, 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 k Ω |
| Out | Connector | 1/4" TS |
| | Impedance | 1 k Ω |
| 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) | |

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 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.**

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。

Die deutsche Anleitung ist erhältlich @ www.behringer.com

Manuel francophone en téléchargement sur www.behringer.com

Manual en español disponible en www.behringer.com

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

Ελληνικό εγχειρίδιο υπάρχει διαθέσιμο στη διεύθυνση www.behringer.com

日本語版マニュアル @ www.behringer.com

使用说明书可在 www.behringer.com 下载

Technical specifications and appearance subject to change without notice. The information contained herein is correct at the time of printing. The names of companies, institutions or publications pictured or mentioned and their respective logos are registered trademarks of their respective owners. Their use neither constitutes a claim of the trademarks by BEHRINGER® nor affiliation of the trademark owners with BEHRINGER®. BEHRINGER® 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. Colours and specification may vary slightly from product. Products are sold through our authorised dealers only. Distributors and dealers are not agents of BEHRINGER® and have absolutely no authority to bind BEHRINGER® by any express or implied undertaking or representation. 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 BEHRINGER Spezielle Studiotechnik GmbH. BEHRINGER® is a registered trademark. ALL RIGHTS RESERVED. © 2005 BEHRINGER Spezielle Studiotechnik GmbH, Hanns-Martin-Schleyer-Str. 36-38, 47877 Willich-Münchheide II, Germany. Tel. +49 2154 9206 0, Fax +49 2154 9206 4903