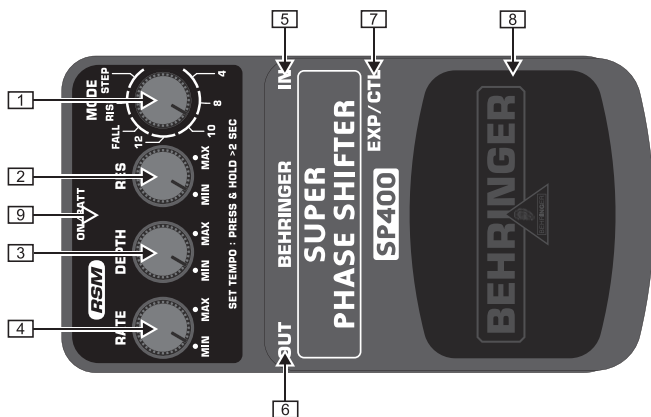


Thank you for showing your confidence in us by purchasing the BEHRINGER SUPER PHASE SHIFTER SP400. This Phaser effects pedal delivers the whole history from vintage to modern phase shifting effects—at the touch of a foot switch. Experience sounds from classic multi-stage phasers to new swirling up- and downward moving sounds.

1. CONTROLS



Top view


- 1 Select the effect mode via the *MODE* switch:
 - 4/8/10/12-stage:** This determines the number of stages for the phaser effect. The sound varies from vintage phaser sounds to deep and powerful phasing effects.
 - FALL:** This mode gives you the impression of a constantly falling phasing sound.
 - RISE:** This mode sounds like a permanently rising phasing sound.
 - STEP:** In this mode, the filter modification occurs up and down in defined steps.
- 2 *RES(ONANCE)* controls the intensity of the effect.
- 3 With *DEPTH* you can set the modulation depth.
- 4 *RATE* determines the modulation speed. *RATE* can also be entered using the tap function of the foot switch or via an external expression pedal.
- 5 Use the ¼" TS *IN* connector to plug in the instrument cable.
- 6 The ¼" TS *OUT* connector sends the signal to your amp or other effects devices.
- 7 The ¼" TRS *EXP/CTL* connector can be used to connect two different types of pedals:
 - ▲ Use a foot switch instead of the pedals' foot switch 8 to tap the effect *RATE*.
 - ▲ Use an expression pedal to modulate the rate from 0 (modulation is stopped) to the maximum value which is determined by the position of the *RATE* knob 4.
- 8 Use the foot switch to activate/deactivate the effect. When pressing the foot switch 2 seconds or longer, you can tap in the effect *RATE* (*ON/BATT* LED flashes).
- 9 The *ON/BATT* LED illuminates when the effect is activated. It also serves as a battery level indicator. If the Tap function is active, the LED flashes.

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 (not included), press the hinges with a ballpoint pen and remove the pedal cover. Be careful not to scratch the unit.

The SP400 has no On/Off switch. It is operable as soon as you insert a plug into the *IN* connector. Disconnect the plug, if you don't use the SP400. In doing so, you can extend the life time of the battery.

The *SERIAL NUMBER* is located on the underside.

 In rare cases interferences of the normal function may appear by external influence (e.g. electrostatic discharge), as for example sound disturbances or malfunctions. If this occurs, please turn down the volume on subsequent amplifiers and disconnect the input connector briefly to restart the application.

2. WARRANTY

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

3. SPECIFICATIONS

IN	Connector	¼" TS; 500 kOhm
OUT	Connector	¼" TS; 1 kOhm
EXP/CTL	Connector	¼" TRS; 500 kOhm
Power supply	9 V $\overline{=}$, 100 mA regulated BEHRINGER PSU-SB	
	USA/Canada	120 V \sim , 60 Hz
	China/Korea	220 V \sim , 50/60 Hz
	Europe/Australia	230 V \sim , 50 Hz
	Japan	100 V \sim , 50 - 60 Hz
Power connector	2 mm DC jack, center negative	
Battery	9 V type 6LR61	
Power consumption	60 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. 0.35 kg (0.77 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, nor 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.**

Betriebe das Gerät nicht in der Nähe von Wasser oder Wärmequellen. Verwende bitte nur autorisiertes Zubehör. Führe bitte keinerlei Reparaturen am Gerät eigenständig durch. Reparaturen sind nur von qualifiziertem Fachpersonal vorzunehmen, **insbesondere bei Beschädigungen des Netzkabels oder Netzsteckers.**

Ne pas utiliser ni installer à proximité de liquides ou de sources de chaleur. Utiliser exclusivement les accessoires autorisés. Ne pas réaliser de maintenance soi-même sur le produit. Contacter notre personnel technique pour tout service ou réparation, **particulièrement si le cordon ou le connecteur du bloc d'alimentation est endommagé.**

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.**

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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FEDERAL COMMUNICATIONS COMMISSION

COMPLIANCE INFORMATION



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

Address: **18912 North Creek Parkway,
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USA**

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

SUPER PHASE SHIFTER SP400

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.