

SUPER PHASE SHIFTER SP400

Ultimate Phase Shifter Effects Pedal

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



- 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 1/4" TS **IN** connector to plug in the instrument cable.

- ⑥ The 1/4" TS **OUT** connector sends the signal to your amp or other effects devices.

- ⑦ The 1/4" 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 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 at 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. 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; 500 kOhm

Out	
Connector	¼" TS; 1 kOhm

EXP/CTL	
Connector	¼" TRS; 500 kOhm

Power Supply	
	9 V \equiv , 100 mA regulated

BEHRINGER PSU-BB

USA/Canada	120 V~, 60 Hz
China/Korea	220 V~, 50/60 Hz
Europe/Australia	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	60 mA

Physical/Weight

Dimensions (H x W x D)	approx. 2 ½ x 2 ¾ x 4 ½" approx. 54 x 70 x 123 mm
Weight	approx. 0.73 lbs / 0.33 kg

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