

ULTRA ACOUSTIC MODELER AM400

Ultimate Electric-to-Acoustic Guitar Modeling Effects Pedal

Thank you for showing your confidence in us by purchasing the BEHRINGER ULTRA ACOUSTIC MODELER AM400. This high-quality modelling effects pedal is designed for all electric guitar players who want to add incredibly realistic acoustic guitar sounds to their playing. Thanks to its Real Sound Modeling (RSM) technology that combines state-of-the-art DSP technology with sophisticated algorithms to emulate real acoustic environments, you can create everything from standard, large-resonant, brilliant to bright Piezo simulations.

1. Controls

- 1 The **LEVEL** control adjusts the output level of the effect.
- 2 The **REVERB** control adjusts the amount of reverb effect that can be added to the signal.
- 3 The **RES(onance)** control adjusts the resonance of the simulated acoustic guitar body.
- 4 The **ATTACK** control adjusts the amount of attack and harmonic content of the high frequencies.
- 5 The **MODE** control lets you choose between four different acoustic modes:

STANDARD produces a typical acoustic guitar sound.

LARGE delivers a large, more resonant acoustic.

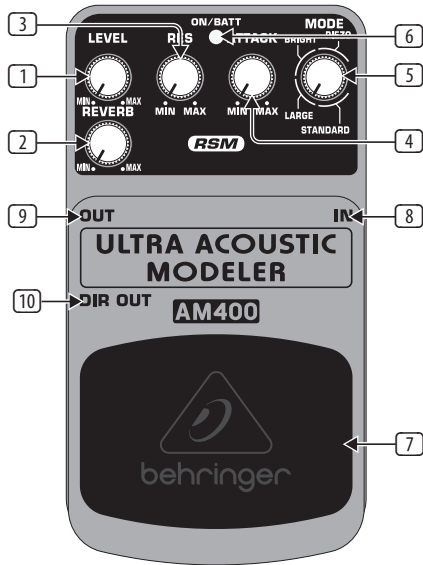
PIEZO simulates the distinct brightness of a classic piezo pickup.

BRIGHT gives you a brilliant and ultra-present sound, perfect for cutting through in a live environment.

- 6 The **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 ¼" TS **IN** connector to plug in the instrument cable.
- 9 This is the ¼" TS **OUT** connector. When you only use this output, it carries the affected signal when the effect is active, and the direct signal (without effect) when the effect is inactive—both optimized for connecting to guitar amplifiers. When both the OUT and the DIR OUT (see 10) connectors are used, the OUT connector carries the affected signal optimized for connecting to a mixer/PA when the effect is active. When the effect is inactive the OUT connector is muted.
- 10 This is the ¼" TS **DIR OUT** connector, which is muted when the effect is active. When inactive it carries the direct signal (without effect) optimized for connecting to guitar amplifiers. It works the same way, when both the DIR OUT and the OUT (see 9) connectors are used.

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, press the hinges with a ballpen and remove the pedal cover. Be careful not to scratch the unit.



- ◆ The AM400 has no on/off switch. As soon as you insert the jack into the in connector, the AM400 begins running. When not using the AM400, remove the jack from the in connector. This extends the life of the battery.

The **SERIAL NUMBER** is located at the bottom.

- ◆ 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 |
| Impedance | 500 kΩ |

| Out | |
|-----------|-------|
| Connector | ¼" TS |
| Impedance | 1 kΩ |

| Dir Out | |
|-----------|-------|
| Connector | ¼" TS |
| Impedance | 1 kΩ |

| Power Supply | |
|--------------|------------------------------|
| | 9 V \pm , 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 ⅛ x 2 ¾ x 4 ¼" approx. 54 x 70 x 123 mm |
| Weight | approx. 0.73 lbs / 0.33 kg |

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