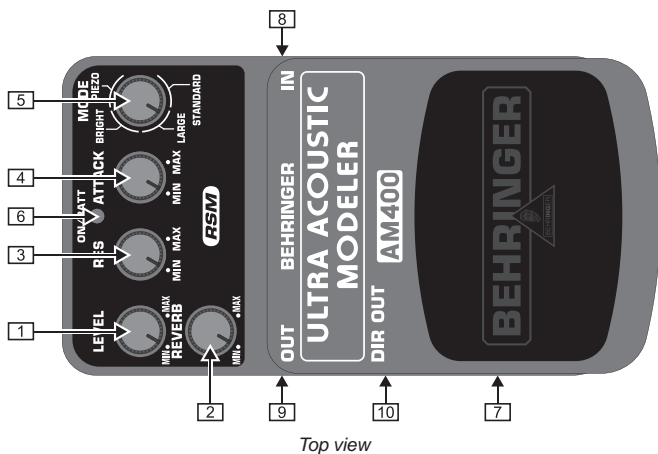


Thank you for showing your confidence in us by purchasing the BEHRINGER ULTRA ACOUSTIC MODELER AM400. This high-quality modelling effects pedal is designed for all electric guitar players who want to add incredibly realistic acoustic guitar sounds to their playing. Thanks to its Real Sound Modeling (RSM) 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 pickup simulations.

1. CONTROLS



Top view

- 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 1/4" TS **IN** connector to plug in the instrument cable.
- 9** This is the 1/4" 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 1/4" 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 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 **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 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 | 1/4" TS |
| | Impedance | 500 kΩ |
| OUT | Connector | 1/4" TS |
| | Impedance | 1 kΩ |
| DIR OUT | Connector | 1/4" TS |
| | Impedance | 1 kΩ |
| Power supply | 9 V $\bar{\bar{}}$, 100 mA, regulated BEHRINGER PSU-SB | |
| | USA/Canada | 120 V~, 60 Hz |
| | Europe/U.K./Australia | 230 V~, 50 Hz |
| | China/Korea | 220 V~, 50/60 Hz |
| | Japan | 100 V~, 50/60 Hz |
| 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 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.**

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.**

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.**

Не эксплуатировать 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.**

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

ULTRA ACOUSTIC MODELER AM400

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.