


MINIAMP AMP800

1.1.2 Initial operation

Do not put the AMP800 on any equipment that generates intense heat, for example an amplifier. Ensure that the ventilation openings that are located on the top panel of the AMP800 are not covered or blocked.

 **To power the AMP800, use only the power supply unit that is delivered with your equipment.**

1.1.3 Online registration

Please do remember to register your new BEHRINGER equipment right after your purchase by visiting www.behringer.com (alternatively www.behringer.de) and kindly read the terms and conditions of our warranty carefully.

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Should your BEHRINGER product malfunction, our goal is to have it repaired as quickly as possible. To arrange for warranty service, please contact the retailer from whom the equipment was purchased. Should your BEHRINGER dealer not be located in your vicinity, you may directly contact one of our subsidiaries. Corresponding contact information is included in the original equipment packaging (Global Contact Information/European Contact Information). Should your country not be listed, please contact the distributor nearest you. A list of distributors can be found in the support area of our website (www.behringer.com/support).

Registering your purchase and equipment with us helps us process your repair claims quicker and more efficiently.

Thank you for your cooperation!

2. CONTROL ELEMENTS

The AMP800 is a headphone amplifier that includes 4 Headphone Channels, so you can share the AMP800 with other musicians. In addition, each musician can choose between 2 audio channels: Input Channel A and Input Channel B.

 **Ensure that only qualified personnel set up and operate the AMP800.**

2.1 Front panel

This section describes how to use the front panel of the AMP800, illustrated as follows:

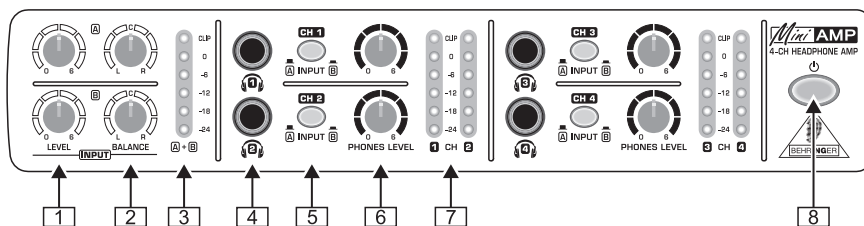


Fig. 2.1: AMP800 front panel

In the previous illustration, each control element is associated with a callout, for example **1**. In this section, use these callouts to identify details about each control element.

For each Input Channel (A and B), the front panel includes control elements **1** and **2**. To manage the signal in each of these Input Channels, use these control elements:

- 1** **LEVEL control:** To adjust the input level of a signal, turn this control toward **0** (minimum level) or, alternatively **6** (maximum level).

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- [2] **BALANCE control:** To adjust the stereo image of a signal, turn this control toward **L** (left) or, alternatively **R** (right).
- [3] **A + B meter:** To monitor the combined level of both signals (A and B), use this meter. An LED glows next to the value that identifies the combined level (**-24 dB** to **0 dB**). If the signal is too strong, the **CLIP** LED glows. Most of the time, the optimal level is 0 dB (a full signal).

For each Headphone Channel (1, 2, 3, and 4), the front panel includes control elements [4] through [7]. To manage each Headphone Channel, use these control elements:

- [4] **(headphone) connector:** To connect a headphone, use this stereo, ¼" TRS connector. For details about TRS plugs, see 4. **AUDIO CONNECTIONS**.
- [5] **INPUT button:** To select an Input Channel, push this button. When you listen to:
 - ▲ Input Channel A, this button is not pushed in and not lit
 - ▲ Input Channel B, this button is pushed in and lit
- [6] **PHONES LEVEL control:** To adjust the level of a headphone signal, turn this control toward **0** (minimum volume) or, alternatively **6** (maximum volume).
- [7] **CH meter:** To monitor the level of a headphone signal, use this meter. An LED glows next to the value that identifies the headphone volume (**-24 dB** to **0 dB**). If the signal is too strong, the **CLIP** LED glows. Most of the time, the optimal volume is 0 dB (a full signal).
- [8] **(power) button:** To turn the AMP800 on and off, push this button. When you turn the AMP800:
 - ▲ on, this button is pushed in and lit
 - ▲ off, this button is not pushed in and not lit



👉 **When you finish using the AMP800, unplug the power supply unit from the power source. As long as the power supply unit is connected to a power source, the power supply unit consumes energy.**

2.2 Rear panel

This section describes how to use the rear panel to set up the AMP800.

The following illustrates the rear panel of the AMP800:

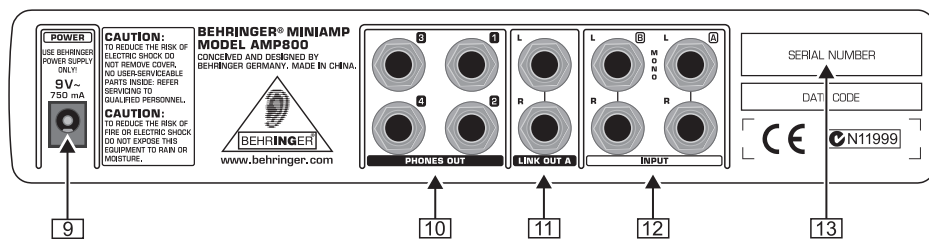


Fig. 2.2: AMP800 rear panel

In the previous illustration, each control element is associated with a callout, for example [1]. In this section, use these callouts to identify details about each control element:

- [9] **POWER connector:** To power the AMP800, connect the power supply unit to this connector. This power supply unit is delivered with the AMP800.
- [10] **PHONES OUT connectors:** For each Headphone Channel (1, 2, 3, and 4), the rear panel includes an additional headphone connector, which is a stereo, ¼" TRS connector.

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- [11] **LINK OUT A connectors:** If you need more than the 4 Headphone Channels that a single AMP800 provides, connect these balanced, ¼" TRS connectors (Left and Right) to the inputs of another AMP800. The LINK OUT A connectors send only the signal of Input Channel A, without any LEVEL or BALANCE settings.
- [12] **INPUT connectors:** For each Input Channel (A and B), the rear panel includes 2 balanced, ¼" TRS connectors (Left and Right). Connect them to the outputs of a mixer, a CD player, or a soundcard. For mono signals, use only the L connector.
- ☞ **If the output is balanced and you insert unbalanced, ¼" TS plugs in the INPUT connectors, the signal level will decrease 6 dB. To raise the signal level, use the relevant LEVEL control ([1]).**



- [13] **SERIAL NUMBER:** To register the AMP800, use this unique serial number.

For details about TS and TRS plugs, see 4. AUDIO CONNECTIONS.

3. SETUP EXAMPLE

The following example illustrates the role of the AMP800 in your audio setups:

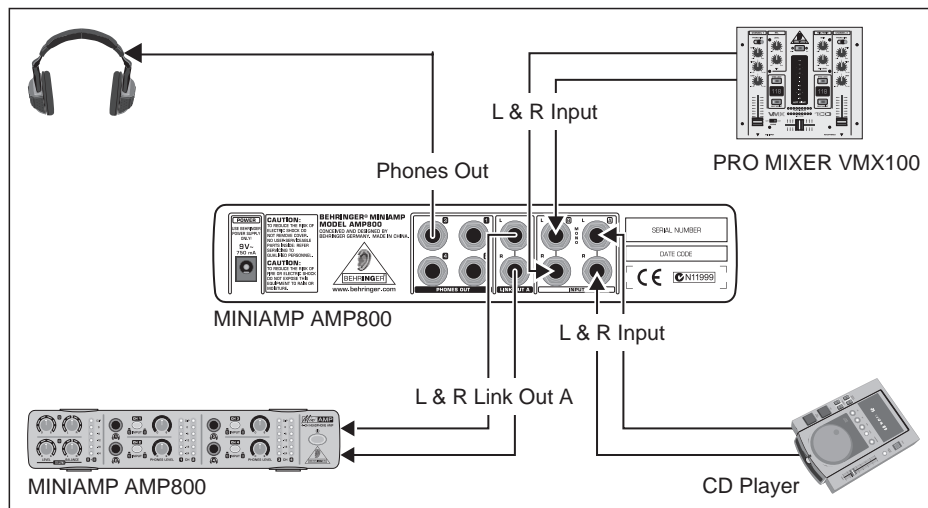


Fig. 3.1: Setup example

About setting up with other MINI products

The AMP800 belongs to the MINI suite of BEHRINGER products. You can set up the AMP800 with these products. For details, see 6. OTHER MINI PRODUCTS.

4. AUDIO CONNECTIONS

The following provides illustrations of patch cords that include unbalanced, 1/4" TS plugs and balanced, 1/4" TRS plugs:



Fig. 4.1: Patch cord with unbalanced, 1/4" TS plugs



Fig. 4.2: Patch cord with balanced, 1/4" TRS plugs