



BAH400 MANUAL



IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions.
- Keep this instruction manual.
- Pay close attention to all the warnings.
- Follow all instructions.
- Do not use near water.
- Do not, under any circumstance, expose to any dripping or splashing liquid. Do not place items with liquids (such as vases, glasses or bottles of liquid) on top of the amp.
- Clean only with dry cloth.
- Do not block any ventilation openings.
- Install in accordance with the manufacturer's instructions.
- Do not install near anything that produces heat. This includes things such as radiators, heaters, stoves and other amplifiers.
- Do not modify or change the AC plug. A grounding type plug has two blades and a third grounding prong. The third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Do not allow the power cable to be bent, pinched, walked on, or put in any such place where damage may occur.
- Unplug the amplifier during lightning storms or when unused for long periods of time.
- Contact manufacturer or authorized repair technician when servicing is needed. Servicing is required when the amplifier has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- Excessive sound pressure from earphones and headphones can cause hearing loss.
- No naked flame sources, such as candles should be placed on or near the apparatus
- If needed, lift amplifier with care. Use a trolley as needed, but caution is advised to prevent the trolley tipping over.



“TO COMPLETELY DISCONNECT THE AMPLIFIER FROM THE AC MAINS, DISCONNECT THE POWER SUPPLY CORD PLUG FROM THE AC WALL SOCKET”.

“WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS AMPLIFIER TO RAIN OR MOISTURE AND OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHOULD NOT BE PLACED ON THIS APPARATUS”.



This symbol is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying the appliance.



This symbol is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

WARNING:
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK DO NOT
EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.



Notice regarding disposal (EU only)

When this "crossed-out wheeled bin" symbol is displayed on the product, owner's manual, battery, or battery package, it signifies that when you wish to dispose of this product, manual, package or battery you must do so in an approved manner. Do not discard this product, manual, package or battery along with ordinary household waste. Disposing in the correct manner will prevent harm to human health and potential damage to the environment. Since the correct method of disposal will depend on the applicable laws and regulations in your locality, please contact your local administrative body for details. If the battery contains heavy metals in excess of the regulated amount, a chemical symbol is displayed below the "crossed-out wheeled bin" symbol on the battery or battery package.

INTRODUCTION

Thanks for purchasing your new Artist BAH400! This 400W bass amplifier head unit is ideal for players of any level. Paired with a cabinet, such as the Artist BCN110, this unit can be used for several applications, whether it's a garage jam session, or on stage. This amp head was designed by the team at Artist Guitars to be a great stepping stone into the world of amplifier heads for the bass guitar enthusiast!

If you want to learn more about Artist Guitars, head to our website!

AU: artistguitars.com.au

UK: artistguitars.co.uk

NZ: artistguitars.co.nz

US: artist-guitars.com

FEATURES

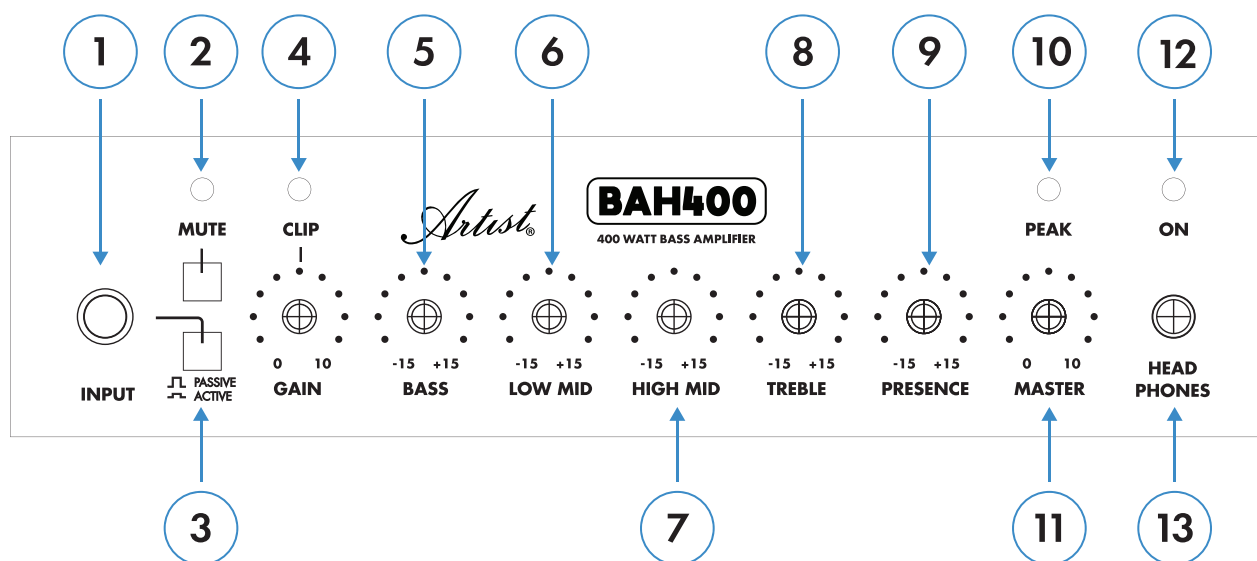
The perfect companion for the gigging bassist and for those looking for an amp and cabinet set up without breaking the bank. This Class D Amp Head gives you tone, versatility and a massive load of features all in a compact package.

It features an earthshaking 400 watts RMS output at 4 ohms complete with a 5-band EQ for the precise tone calibration that every bassist needs. It has a button which can be toggled to suit whether you are using an active/passive input bass. It also features a built-in compression circuitry with ratio control to ensure that your output would have the same volume no matter how hard you play. There is also built-in Thermal and Over Current Protection.

Not only for gigs, the BAH400 also has an aux input to assist you with practice. Plug in your media device and play along to your favourite backing tracks or songs!

Please note: This is an amplifier head only - it does not have any speakers. You must connect this to a bass speaker cabinet or headphones before use.

FRONT PANEL



1. Input

This is where you plug in your bass.

2. Mute Button

This button silences the amp, allowing you to safely plug in, and unplug the bass without any loud pops or audio distortion. The light above shines red when the amp is muted.

3. Passive/Active Switch

To change the attenuation of the input whether you are using a passive or an active bass guitar.

4. Gain

This controls the preamp gain on the amp. As the knob is turned clockwise towards 10, the gain increases, giving some drive. The red clip light on the top will indicate when the preamp is being driven to the point of audio clipping, and the amp will begin to distort.

5. Bass EQ Control

This knob controls the amount of low-end frequency in your bass tone. As it's turned clockwise towards 10, the amount of bass in the bass tone will increase. If it's set at 0, there will be less bass.

6. **Low-Mid EQ Control**

Dictates the Lower side of your middle-frequency register of the amplifier. Turning this up will make your Bass guitar sound fatter, ideal for Rock and Metal style Bass tone. Conversely reducing the amount of Low-Mid in your tone will result in a scooped, hollower Bass guitar sound for most Metal and Funk styles of Bass playing.

7. **High-Mid EQ Control**

Dictates the higher side of your middle-frequency register of the amplifier. Turning this up will add bite to your tone, ideal for Slap style Bass. Conversely reducing the amount of High-mid in your tone will result in a darker and warmer Bass guitar sound for the classic Rock and Jazz Bass tones.

8. **Treble EQ Control**

Controls the high frequencies of the Bass guitar tone. If you increase the treble your bass will sound brighter.

9. **Presence Control**

Makes your High-Mid range and Treble Brighter allowing you to better cut through the mix.

10. **Peak Indicator Light**

This lights up to inform the user that the anti-clipping peak circuitry is in effect, which acts like a compressor to prevent the amp from clipping on output.

11. **Master Volume Control**

This knob is used to control the overall master volume output of the amplifier.

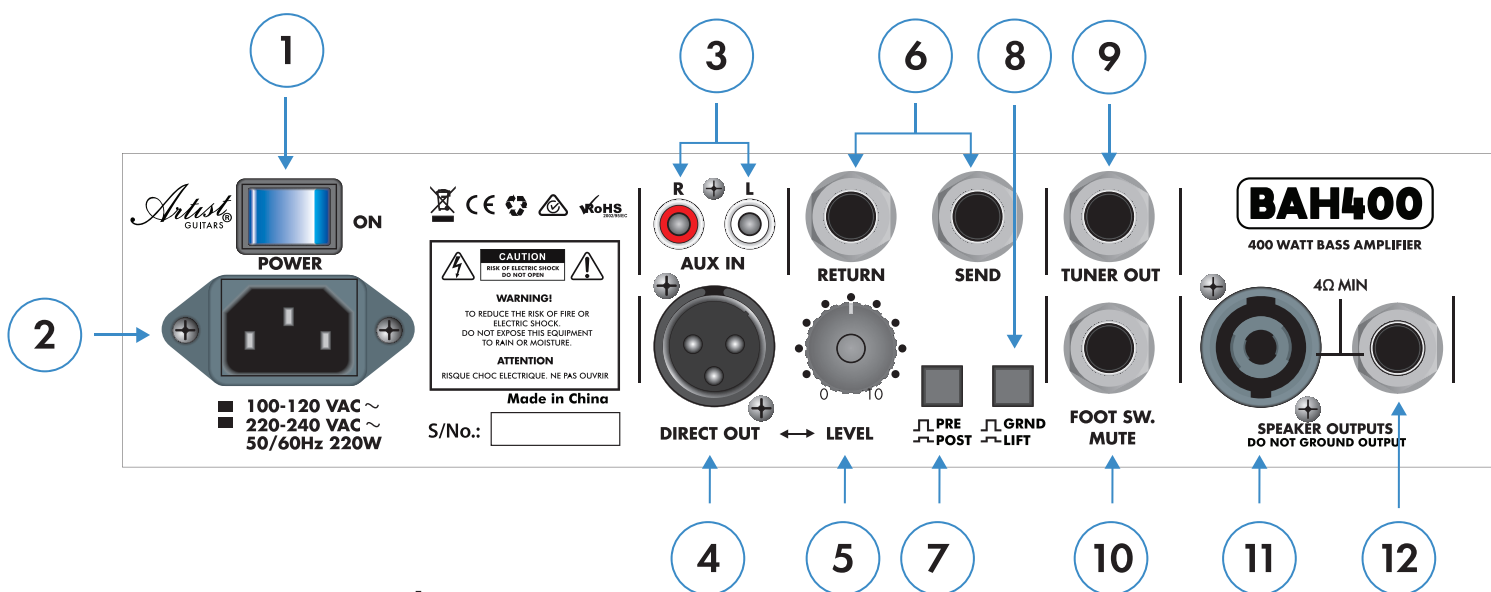
12. **Power Indicator Light**

This lights up to indicate that the amp is powered on.

13. Headphone Output

This is where you plug headphones in to hear your bass sound directly through your headphones. This cuts the speaker output signal and allows for quiet practice just through your headphones.

BACK PANEL



1. Power Switch

This switch powers up the amplifier.

2. AC Power Plug Input

This is where the AC Power Cable is plugged into the amplifier to provide power. This cable is included with your amplifier.

3. Auxiliary Input

This is where you can plug in stereo RCA leads to play audio from an audio source like a phone or computer to play through your amplifier. To use with a phone or computer, a stereo RCA to 3.5mm headphone jack adapter would be needed, which is not included with the amp.

4. Direct Output

This is where you can use an XLR cable to send the bass guitar signal directly to a mixer or audio interface.

5. **Direct Output Level**

This determines the level of the direct output.

6. **Send and Return**

The effects loop send and return allows you to plug in pedals but have them either after the preamp in the signal chain or before, depending on the position of the Pre/Post switch (see 7). This means your bass signal will go to the preamp first (if the switch is pushed in), and then can be sent out to a pedal chain using the "Send" output. From there, it would go out of the pedal chain and back into the amp via the "Return" input. This allows you to keep distortion and overdrive pedal signals separate from modulation such as reverb and delay.

7. **Pre/Post Switch**

This determines the position of the Send/Return loop in the signal chain. If it's not pushed in, it'll be before the preamp stage. If it is pushed in, it'll be after the preamp stage.

8. **Ground/Lift Switch**

The ground lift switch eliminates unwanted hum and buzz by interrupting the ground loops between equipment, preventing current flow along the cable shield between two devices. The switch disconnects pin 1 on the XLR jack, which is connected to the braid or foil shield in the cable and acts as the ground point of the circuit.

9. **Tuner Output**

This is where you can plug in a tuner pedal to tune your bass.

10. **Footswitch Input**

This allows you to plug in a footswitch to be able to control the mute function on the amplifier.

11. **Speakon Speaker Output**

This output is used to connect the amplifier head to a speaker box. This connection is for speaker stacks that use a Speakon connector.

12. 1/4' Speaker Output

This output is used to connect the amplifier head to a speaker box. This connection is for speaker stacks that use a 1/4 inch connector.

TECHNICAL SPECIFICATION

Type: Class D

Power Output: 400w RMS

Power Requirement: 100-120VAC or 220-240VAC; 50Hz/60Hz 220w (Included)

Weight: 2.5Kgs

Power Plug: (See our blog post for more details)

- **AU & NZ:** 240V with AU/NZ Plug
- **UK:** 230V with UK plug (with a fuse in the plug)
- **USA:** 120V with USA 3 pin plug

ADDITIONAL INFORMATION

- This amplifier is designed for bass guitars. Using it with a guitar won't damage the speaker, but it won't sound ideal.
- This Amplifier requires a speaker cabinet to be played with volume. It can be used alone through headphones, but will need a speaker to be audible without headphones.
- If you have any questions or concerns, don't hesitate to reach out to us and we will do all we can to assist you.

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