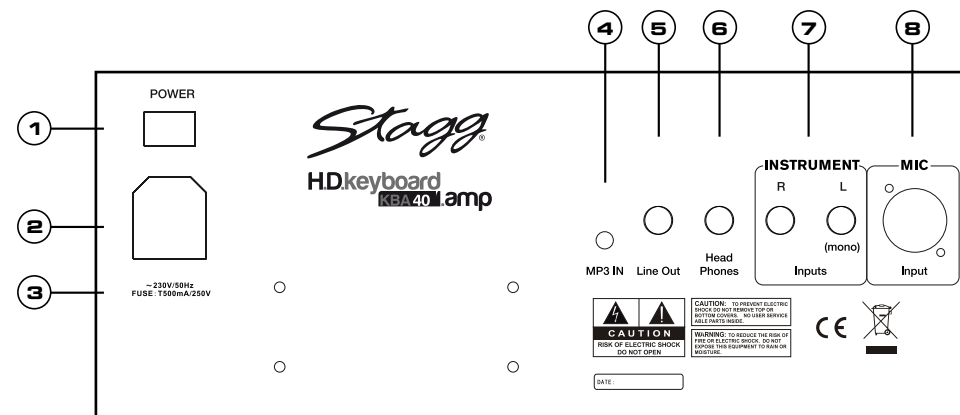## FRONT PANEL:

**1 MIC VOLUME:** This control determines the output volume for the microphone channel.

**2 MIC REVERB:** Use this regulate to dose the amount of reverb effect you want on the microphone.

**3 INSTRUMENT GAIN:** This control determines the gain level for the keyboard channel.

**4 INSTRUMENT COMPRESSION:** This control reduces the dynamic range of the output signal and evens out the changes in volume that occur according to how hard you play your keyboard. Adding compression will make your keyboard sound smoother and clearer.

**5 TREBLE:** This control determines the level of high frequencies in the output signal. Adding treble will make the keyboard sound brighter and sharper.

**6 MIDDLE:** This control determines the level of middle frequencies in the output signal. Adding mid will make your keyboard sound rounder and fuller.

**7 PARAMETRIC MIDDLE:** Parametric mid is a more sophisticated way of boosting or cutting middle frequencies. In a traditional EQ, the frequency area that is boosted or cut is fixed. With a parametric mid EQ, this frequency area is adjustable from mid low to mid high. Use this knob to select the required range of middles, then use knob # **6.** to determine the level of the selected range of mid frequencies.

**8 BASS:** This control determines the level of low frequencies in the output signal. Adding bass will make your keyboard sound warmer and heavier.

**9 MASTER:** This control determines the overall volume of the amplifier.

**10 POWER LED:** Is lit up when the amplifier is switched on.

### TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **Max. Rated Power / Loudspeaker** | 40W RMS @ 8Ω load / 8" Woofer w/ Coaxial Tweeter |
| **Frequency Response** | 45Hz to 15kHz |
| **Total Harmonic Distortion** | ≤ 0.8% |
| **Signal to Noise Ratio** | - 58dB (@ max. Rated Power) |
| **Input Impedance** | 240Ω (Mic) / 30kΩ (Instrument) |
| **Power Consumption** | 70W max |
| **Maximum Input Level (Volts RMS)** | 12mV (Mic) / 35mV (Instrument) |
| **Maximum Gain** | 65dB (Mic) / 68dB (Instrument) |
| **Dimensions (H x W x D)** | 38 x 37 x 26cm / 15 x 14.6 x 10.2in. |
| **Weight** | 12.4kg / 27.3lb |



## BACK PANEL:

**WARNING:** This amplifier must be earthed. Please check that the supply voltage details given on the rating label (located on the rear panel) are in accordance with your electricity supply.

**1 POWER SWITCH:** This switch turns the amplifier on or off.

**2 MAINS INPUT:** This is the input socket into which the mains power cable must be connected. This amplifier is supplied with a power cable with a moulded-on plug. If the socket outlets in the home are not suitable for this plug, use an appropriate plug adapter that can handle the power required for the amplifier.

**3 POWER FUSE:** In the event of the power fuse having to be replaced, first unplug the power cable from the mains outlet. Then remove the fuse cover and replace the power fuse with another fuse of the same type and value. Never plug the power cable back into the mains outlet without the fuse cover. If the power fuse blows up again when powering on the amplifier, take the apparatus to a suitable service centre for repair.

**4 CD/MP3 INPUT:** This is a line level 1/8" (Ø 3.5 mm) mini stereo jack into which an MP3/CD/Tape player may be connected.

**5 LINE OUT:** This 1/4" (Ø 6.3 mm) mono jack output can be connected directly to a mixing desk or a more powerful amplifying system.

**6 HEADPHONES:** This is a 1/4" (Ø 6.3 mm) standard jack output to connect the headphones. When headphones are connected, no sound is produced from the speaker.

**7 INSTRUMENT INPUT:** Plug your keyboard in here, using the Left and Right 1/4" (Ø 6.3 mm) jack inputs for stereo sound sources, or the Left input alone for mono sound sources. We recommend that you always use high-quality shielded cables to prevent any background noise interference or unwanted feedback.

**8 MIC INPUT (XLR):** Here you can plug in a microphone, using an XLR cable.

**Features and Specifications are subject to change without notice.**
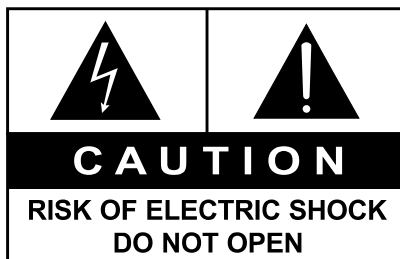
## INSTRUCTIONS FOR USE:

Plug the mains lead into a suitable power socket and connect your instrument to the input socket of the amplifier with a suitable cable (this cable is not supplied with the amplifier, but is normally supplied with the instrument). Finally, press the Power Switch to the ON position, the switch will light up and your amplifier is ready for use.

The KBA-40 amp can tilted back and stabilised by inserting the crutch-like amplifier rest – provided – in the hole in the metal plate at the back, or mounted on a tripod-style stand, by switching the metal plate at the back and the one on the underside of the amp, using a crosshead screwdriver.

## IMPORTANT SAFETY INSTRUCTIONS:

**READ AND KEEP THESE INSTRUCTIONS. HEED ALL WARNINGS.**

• If, after you have followed the instructions outlined above, your amplifier fails to function, please contact your vendor. Under no circumstances should the amplifier be opened. Leave all servicing to qualified personnel.

• Electrical appliances must never be used in conditions of high humidity or heat.
To prevent any risk of fire or electric shock, never spill or splash liquids on the amplifier.
Should this happen, unplug the power cord from the mains outlet immediately.

• Your attention is drawn to the instructions printed on the notice attached to the back of the amplifier.

**CAUTION**
**RISK OF ELECTRIC SHOCK**
**DO NOT OPEN**

**CAUTION:** TO PREVENT ELECTRIC SHOCK DO NOT REMOVE TOP OR BOTTOM COVERS.
NO USER SERVICEABLE PARTS INSIDE.

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

• Exposure to extremely high noise levels may cause permanent hearing damage (especially when using headphones). Please use this amplifier responsibly for you and your neighbourhood.

## MARKING & CONFORMITY:

1. The CE mark on this product means it conforms to the EMC Directive (89/69/EEC), CE marking Directive (93/68/EEC) and Low Voltage Directive (72/23/EEC).

2. The "Crossed-out Wheeled Bin" is to drawn your attention on the WEEE (Waste Electric & Electronic Equipment) Directive (2002/96/EC). It means this apparatus must be collected separately for recycling.

3. "RoHS compliant" means this device conforms to the Directive (2002/95EC) on the restriction of the use of certain hazardous substances in electrical and electronic equipments, such as: Mercury, Lead, Cadmium, Hexavalent Chromium, Polybrominated Buphenyl (PBB) and Polybrominated Diphenyl Esthers (PBDE).

### DISTRIBUTOR / DEALER

CE

**RoHS compliant**

EMD Music 07-2010-UK

# USER'S MANUAL

*Stagg*
*Universe of Music*

# 40W KEYBOARD AMPLIFIER

## KBA 40