

# HIWATT

CUSTOM HIWATT 20

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CUSTOM HIWATT 100

CUSTOM HIWATT 50

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CUSTOM SHOP  
UNIVERSAL MANUAL



# IMPORTANT SAFETY INSTRUCTIONS

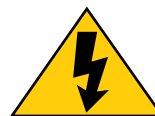
- Read these instructions.
- Keep these instruction.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat saources such as radiators, heat registers, stoves, or other apparatus (Including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong.
- The wide blade or the third prong are provided for ypur saftey. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug damage, liquid has been spilled, objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- This apparatus shall be connected to a mains socket outlet with a protective earthing connection.
- The apparatus shall not be exposed to dripping or splashing, and no objects filled with liquids, such as vases or drinking glasses, shall be placed on the apparatus.
- Keep the power plug easily accessible. Do not install this equipment far from a power outlet and/or power strip.
- Do not install this equipment in a confined space such as a box or similar unit.
- Excessive sound pressure from earphones and headphones can cause hearing loss.
- This apparatus is intended for use in moderate climates and not suitable for use in tropical climates.
- The ventilation should not be impeded by covering the ventilation openings with items such as newspapers, tablecloths, curtains, etc.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.

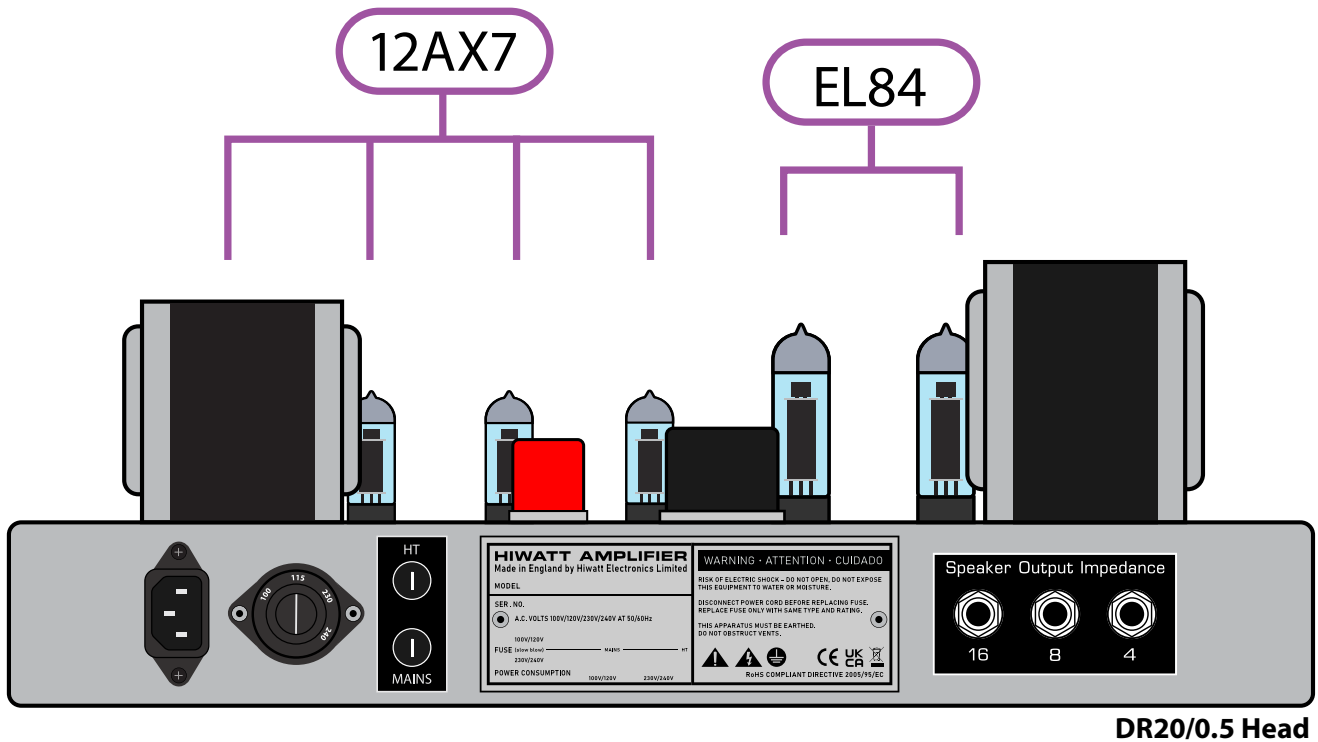


**Britampco.co.uk/downloads**  
IMPORTANT SAFETY INSTRUCTIONS  
IMPORTANTI ISTRUZIONI DI SICUREZZA  
CONSIGNES DE SÉCURITÉ IMPORTANTES



**Registration @**  
**Britampco.co.uk**  
**/registration**





DR20/0.5 Head

## TURNING ON YOUR AMPLIFIER

1. When using your amp with one or more speaker cabinets, make sure that the correct impedance setting is selected on the rear panel.

Warning: Failure to do the above may damage your amp. When connecting a speaker cabinet make sure that you use a proper speaker cable. Never use a screened (shielded) guitar cable for this purpose.

2. Ensure that the power switch is set to the off position and the standby switch is set to standby.

3. Connect the supplied mains (power) lead into the mains input on the rear panel first and then into an electricity outlet.

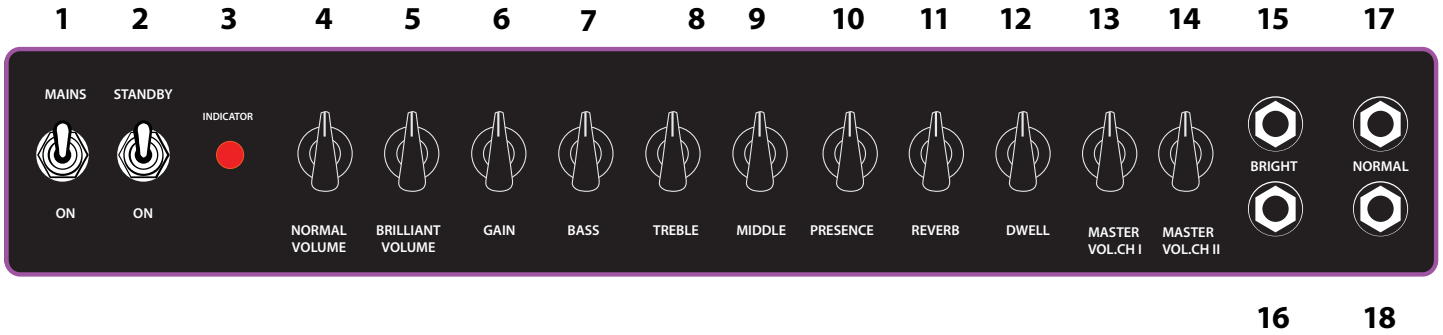
4. Ensure that any master, volume and/or output level controls on the front panel are set to zero.

5. Plug your guitar into one of the input jack sockets on the front panel.

6. Turn the front panel power switch on and wait a couple of minutes.

7. Turn on Standby and then turn the volume up to your preferred level. You're then ready to play.


# Front Panel



**1. Mains On/Off** - Turns the amplifier on and off.

**2. Standby Mode** - This Standby switch allows the valves to heat up to optimum working temperature when the amp is powered on.

**3. Indicator Lamp** - This LED will light up when the power is on.

**4. Normal Volume** -  The Normal channel has less high frequencies and more bass - + when compared to the Bright Channel.

**5. Brilliant Volume** -  - +

**6. Gain** - Controls the gain level for the channel. Use this control to adjust the amount of input gain/signal sent into the preamp stage. Running a higher gain setting increases the level of distortion in your sound.

**7. Bass** - Adjusts the low frequencies of the pre-amp. It will add bottom end and depth to your sound.

**8. Treble** - Adjusts the upper frequencies of the pre-amp. Your tone will get brighter as it is turned up.

**9. Middle** - Adjusts the mid frequencies of the pre-amp, giving you anything from scooped mids to a fat and full sound.

**10. Presence** - Adjusts the high frequencies of the power amp. Increasing the high frequencies adds more

**11. Reverb** - Controls the overall reverb level.

**12. Dwell** - Strength of the overall reverb level.

**13. Master Volume I** - Adjust the amps output volume for Channel 1.

**14. Master Volume II** - Adjust the amps output volume for Channel 2.

**15. Bright High Input** - Connects the guitar to channel 1.

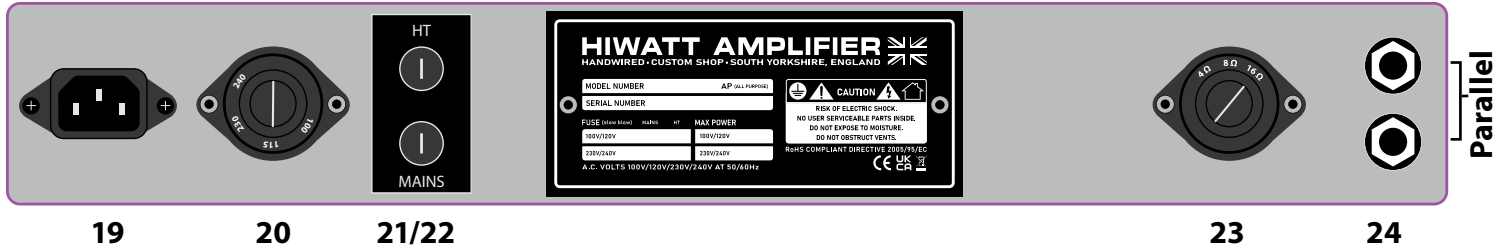
**16. Bright Low Input** - Connects the guitar to the lower sensitivity input on channel 1.

**17. Normal High Input** - Connects the guitar to channel 2.

**18. Normal Low Input** - Connects the guitar to the lower sensitivity input on channel 2.



# Back Panel



**19. Mains Input** - The supplied mains power lead is connected here. The mains input voltage rating that your amp has been built for is shown on the rear panel.

**20. Voltage Sector** - 100v,120v(115),230v, 240v

**21. HT Fuse** - The correct value of HT fuse is specified on the rear panel.

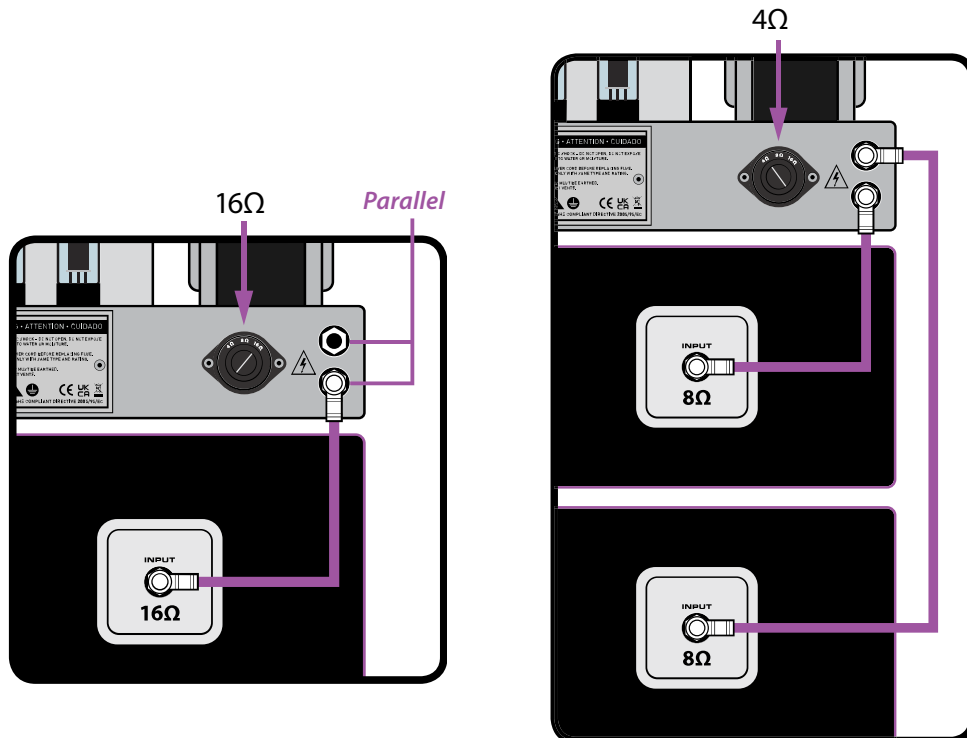
**22. Main Fuse** - The correct value of “**Mains**” fuse is specified on the rear panel.

**23. Output Impedance Selector** - Matches the amplifier’s output to the load impedance.

**Ensure the amp is completely powered down before turning the selector. The impedance selected on the amp must match the total impedance of the speaker cabinet(s) being used.\***

**24. Parallel Speaker Jacks** - Connect one or two speaker cabinets here using 1/4” jack speaker cables.

Warning: Always ensure the output impedance selector is set to the appropriate impedance for the load of your setup (speaker cabinets). Never use this amp without a speaker or load.



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## HIWATT CUSTOM SHOP

### GENERAL WARRANTY

Any warranty offered by Hiwatt is in addition to, and not instead of, rights provided by applicable consumer laws. You have the right to choose whether to claim service under a warranty or in accordance with the rights provided to you as a consumer.

Hiwatt provides a voluntary 2 year limited manufacturer's warranty for amps, pre-amps, FX pedals and speaker cabinet enclosures and a 90-day warranty for valves, fuses, reverb tanks and speakers from the date of purchase by a consumer or end-user customer. Warranted products will come with a warranty card explaining the full terms and conditions of the warranty. If you cannot find a warranty card inside the box, then contact [www.hiwatt.co.uk](http://www.hiwatt.co.uk) or your retailer and they should be able to supply you with one.

Register your amplifier : [www.hiwatt.co.uk](http://www.hiwatt.co.uk)

### **BRITAMPCO**

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**Kirk Sandall, Doncaster**

**DN3 1QR**

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**BRITAMPCO.CO.UK**



RECYCLING INFO



REGISTER PRODUCTS

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