

HIWATT

Welcome to Hiwatt.

Proudly producing generations of Iconic British Tone for the World's best artists. Legendary headroom, clean and clear sounds, great for pedals and studio work, unbeatable live onstage.



AMPLIFIER FEATURES*

- Classic Hiwatt 'Tube Amplifier' with switchable power 40 Watt/20 Watt
- 2x ECC83 + 1x ECC82 British Tubes in the preamp and 4x EL84 British Tubes in the power stage.
- 3-band EQ plus push/pull 'Tone Shift' (MIDDLE control) for maximum tone versatility.
- Custom Hiwatt Octapulse 12-100 Loudspeaker, specifically voiced for this amp. (100W power rating).
- Real Spring Reverb.
- Auxiliary in great for small gigs and practice.



Hiwatt.co.uk

BEFORE TURNING ON YOUR AMPLIFIER



IMPORTANT SAFETY INSTRUCTIONS



Please read these instructions carefully before switching your amplifier on.

- Please ensure that the voltage selector/indicator matches the supply voltage of the country in which the amplifier is being used.
- Do not switch the amplifier on without the loudspeaker connected. It is important that the amplifier and speaker are matched at the correct impedance. Failure to do so can result in damage to the amplifier or speaker.
- Never attempt to by-pass fuses or fit ones of incorrect value.
- Never use an amplifier in wet or damp conditions.
- Protect the power cord from being walked on or pinched. Do not modify.
- All servicing should be carried out by a professionally qualified service technician.
- Always ensure free movement of air around the amplifier to prevent overheating.
- Do not attempt to remove the amplifier chassis, there are no user serviceable parts inside.
- Always use the supplied mains lead provided with your amplifier. If a replacement is needed, please contact your Hiwatt Dealer.
- Always unplug this amplifier during lightning storms or when unused for prolonged periods of time.

WARNING - If Used improperly or without proper safeguards, this equipment can cause hearing damage or loss of hearing

TURNING ON YOUR AMPLIFIER

- Please check that the voltage of your amplifier is set to the correct voltage for your country.
- Ensure that the impedance of your amplifier and speaker cabinet are matched.
- Ensure that your amplifier is plugged into your speaker cabinet.
Tube amplifiers must be hooked up to a speaker cabinet or equivalent load while powered on to avoid permanent damage to the amplifier.
- Select the desired wattage using the Full power/Half power switch on the back of your amplifier.
Only use this switch while your amplifier is off or in **STANDBY mode.**
- Set **MASTER VOL** and **NORMAL GAIN** to zero.
- Set **BASS, MIDDLE, TREBLE** and **REVERB** knobs to 12 o'clock.
- **Turn on your amplifier with **STANDBY** mode engaged (off) and allow tubes to warm up for 2-3 minutes.**
- Plug your instrument into the **INPUT** of your amplifier using a 1/4" instrument cable.
- Turn **STANDBY** on (down position). Set **MASTER VOL** to desired volume level and set **NORMAL GAIN** to taste.



STANDBY mode engaged



STANDBY mode disengaged

FRONT PANEL FEATURES



Input - Plug your guitar in here with a 1/4" instrument cable

Aux - Plug in an external audio device here with a 3.5mm jack

Channel Select - Choose between Normal Gain and Overdrive Gain channels. The red LED indicates when the Overdrive Gain channel is selected.

Normal Gain - This controls the level of Normal Gain applied to the input

Bass - Adjusts the level of low frequency

Middle - Adjusts level of middle frequency. Pull to adjust/shift the frequencies of the MIDDLE pot.

Toneshift - Pull to adjust the frequencies centered around 500hz

Treble - adjusts the level of High frequency

Reverb - Adjusts the level of reverb effect

Master Volume - Controls the volume of the amplifier - always set the control counter clockwise when turning the amplifier on or off

LED - This LED will light up when the power is on

Standby - The standby switch allows the valves to heat to the optimum working temperature.

Leave switched off when turning the Power on and allow 2-3 minutes before turning on.

Correct use of the Standby switch will prolong the lifespan of the amplifiers tubes.

Place amp in Standby mode when switching power mode

Power - Turns the amplifier's power on and off.

REAR PANEL FEATURES



Mains Input - connect with correct power cable.

Mains Fuse - 220/230/240v use 1.6A Slo Blo | 100/120v 3.15A Slo Blo

Triode/Pentode - Switchable output power. Switches from FullPower (Pentode) to Half Power (Triode), allowing you to drive the valves at the same level at a lower volume.

Place amp in Standby mode when switching power mode

Ext. Speaker - The combo version connects to the 8 Ohm Octapluse speaker within the cabinet.

The head version connects to an external speaker at a minimum of 8 Ohms

Line Output - Connects to a unit with a line level input.

Tube amps always require speaker load or equivalent load while using the LINE OUT

Send - Connects to the input of effects pedal, rack or processor

Return - Connects to the output of an external effects pedal, rack or processor

Footswitch - connects optional FS201 foot switch to select channels and toggle reverb on/off

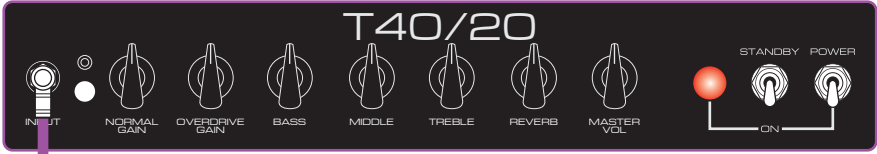


FS201 (sold separately)

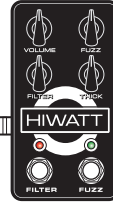
PEDALS LOVE HIWATT!

“The sound of Hiwatt amps is bold, with plenty of headroom and bottom end. They are especially great platforms for a pedal based rig.”

-Guitar Aficionado Magazine, 2015



DIRT PEDALS SOUND BEST IN FRONT OF THE AMP!



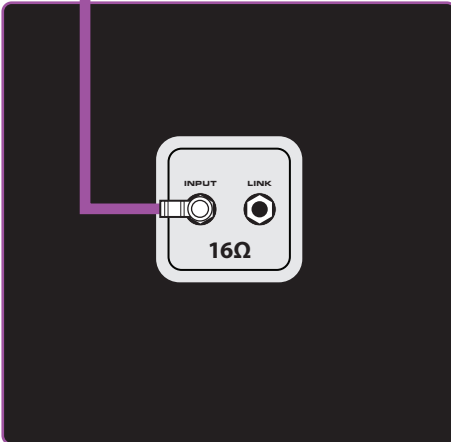
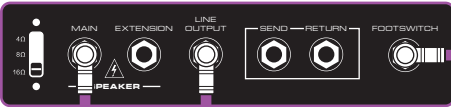
HIWATT FILTER FUZZ MKII



WEM CCB-1 BOOST

OUTPUT CONFIGURATIONS

AMPLIFIER SET TO 16Ω



16Ω SPEAKER CABINET

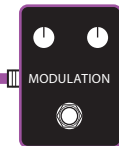
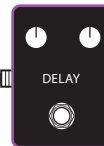
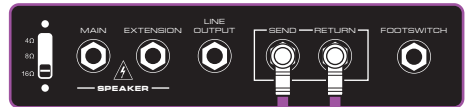


AUDIO INTERFACE



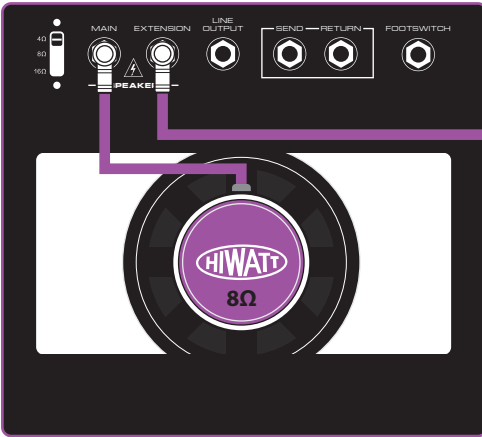
FOOTSWITCH (FS201)

EFFECTS LOOP EXAMPLE

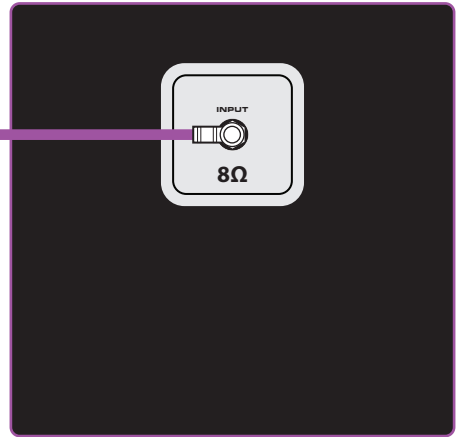


TIME-BASED EFFECTS WORK BEST IN THE EFFECTS LOOP!

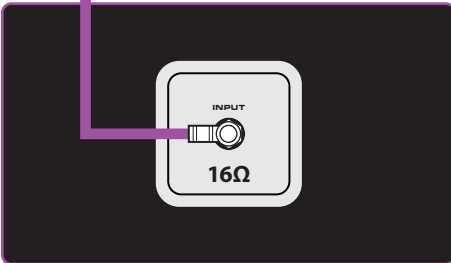
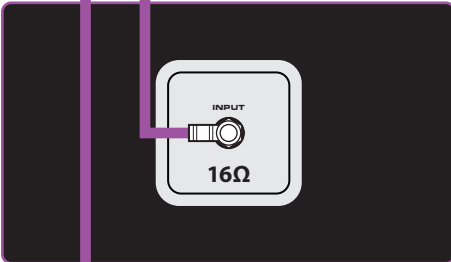
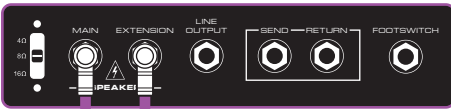
ADDING AN EXTENSION SPEAKER CABINET



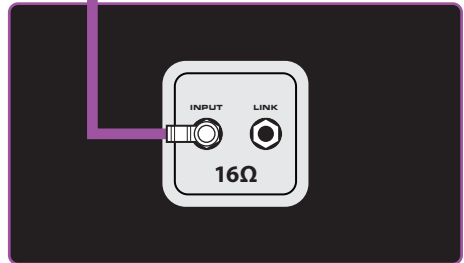
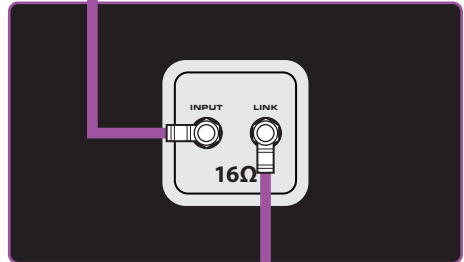
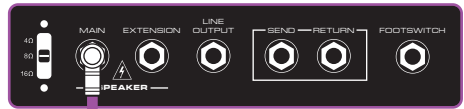
AMPLIFIER COMBO SET TO 4Ω



8Ω EXTENSION SPEAKER CABINET



TWO 16Ω SPEAKER CABINETS IN PARRALLEL USING BOTH OF THE SPEAKER OUTPUTS

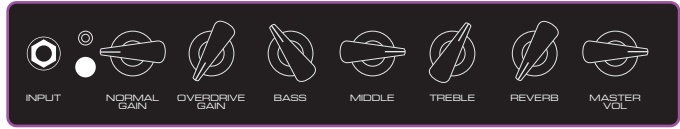


TWO 16Ω SPEAKER CABINETS IN PARRALLEL USING ONE SPEAKER OUTPUT AND A SECOND CABINET WITH A PARRALLEL 'LINK' OUTPUT

GETTING CREATIVE WITH TONES

Crystal Clear Cleans

- NORMAL GAIN set low
- Cut BASS to tame low frequencies
- Boost MIDDLE and TREBLE for more clarity
- Set MASTER VOL anywhere from 3 o'clock to maximum



Beefy Scooped Overdrive

- Press Normal/Overdrive button to switch to OVERDRIVE channel
- Crank OVERDRIVE GAIN
- Boost BASS to desired 'beef level'
- Cut MIDDLE
- Crank TREBLE for shrill highs and harmonics
- Set MASTER VOL to desired level



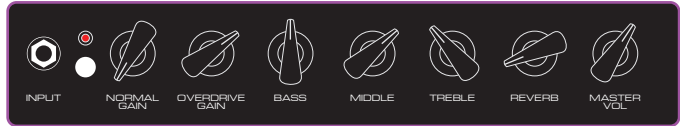
Crunchy Tube Distortion

- Cranked NORMAL GAIN
- Cut BASS to tame low frequencies
- Cut or boost MIDDLE and TREBLE to taste
- Just a touch of REVERB for a bigger sound
- set MASTER VOL to desired level



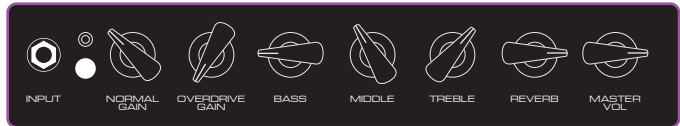
Dark Overdrive

- Press Normal/Overdrive button to switch to OVERDRIVE channel
- Cranked NORMAL GAIN
- Cut BASS to tame low frequencies
- Cut or boost MIDDLE and TREBLE to taste
- Just a touch of REVERB for added ambience
- Set MASTER VOL to desired volume



Little Breakup, Big Reverb

- Cranked NORMAL GAIN
- Cut BASS to tame low frequencies
- Cut MIDDLE slightly
- Boost TREBLE to taste
- Set MASTER VOL anywhere from 3 o'clock to maximum
- Set MASTER VOL to desired volume



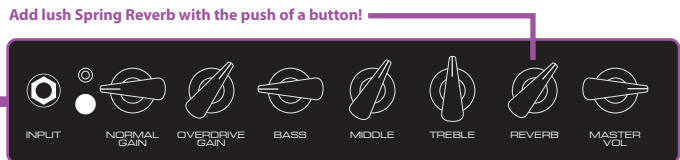
Two Flavours of Drive

(Utilizing the FS-201 Footswitch)



Clean Tone to Dirty Drive

(Utilizing the FS-201 Footswitch)



HIWATT



BRITISH ENGINEERING

- Hiwatt amplifiers are warranted against defects in materials and workmanship for a period of 1 year.
- Speakers, transformers, reverb tank, batteries, and tubes/valves for 90 days.
- Please note: It is your responsibility to use the equipment safely and properly, without modifications, within specifications and with a safe power supply.
- Please note: The limited Warranty provided is non-transferable. (please register your product online and retain sales receipt and original packaging) and authorization needs to be obtained by Hiwatt Electronics (Hiwatt.co.uk) before any service work is completed by a professionally qualified Service Technician.
- Shipping costs incurred obtaining warranty service are the responsibility of the purchaser, and the purchaser must obtain permission to ship any/all product prior to shipping.
- Please note: Any damages incurred in shipping must be reported to the shipper and Hiwatt Electronics immediately upon receiving the product.

Follow all instructions and warnings

Please keep instructions in a safe place

Register product online: **Hiwatt.co.uk**

Serial Number: _____

Date of Purchase: _____

Store Contact Info: _____



RECYCLING INFO

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REGISTER PRODUCTS