

# 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\*

- Real spring reverb (Leeds 25R).
- Wireless connectivity to jam along to your favourite tracks (Leeds 17).
- Passive effects loop (Leeds 25).
- 2 channels. Footswitchable on the Leeds 25R.
- Headphone out for silent practice sessions.





## IMPORTANT SAFETY INSTRUCTIONS



### Please read these instructions carefully before switching your amplifier on.

- Please ensure that the voltage selector/indicator and fuses match 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.**

**Servicing is required** when the apparatus has been damaged in any way, such as when the power supply 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.



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

**Follow all instructions and warnings**

Please keep instructions in a safe place

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

## 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.
- Set **MASTER VOL** and **NORMAL GAIN** to zero.
- Set **BASS, MIDDLE, TREBLE** and **REVERB** knobs to 12 o'clock.
- Plug your instrument into the **INPUT** of your amplifier using a 1/4" instrument cable.
- Turn on your amplifier.
- Set **MASTER VOL** to desired volume level and set **GAIN** to taste.
- Boost or cut **BASS, MIDDLE**, and **TREBLE** to taste and set desired **REVERB** level.



@HiwattOfficial

## FRONT PANEL FEATURES



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

**Wireless Connection** - (Leeds 17) Press black button to turn on. Blue LED will flash when searching for a media device to pair. Blue LED will stop flashing when successfully paired.

**Contour** - (Leeds 25R) This control allows you to sculpt the midrange frequencies of the Overdrive Channel.

**Gain** - This controls the level of gain applied to the input.

**Volume Overdrive** - (Leeds 25R) Controls the volume of the amplifier's Overdrive Channel.

**Channel Select/Crunch** - This button toggles between the Clean and Overdrive Channel. The red LED indicates when the Overdrive Channel is engaged.

**Volume/Volume Clean** - Controls the volume of the amplifier's clean channel.

**Bass** - Adjusts the level of low frequency.

**Middle** - Adjusts level of middle frequency.

**Treble** - Adjusts the level of high frequency.

**Spring Reverb** - (Leeds 25R) Adjusts the level of reverb effect.

**Aux** - Plug in an external audio device here with a 1/4" jack for quiet practice sessions.

**Headphone Out** - Plug in headphones with a 1/4" jack for quiet practice sessions.

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

## REAR PANEL FEATURES

### LEEDS 25R



**Power Input** - Connect with the correct Hiwatt power adapter included with your product.

Leeds 17 - 12V DC, Center Positive, 2A

Leeds 25R - 15V DC, Center Positive, 3A/4A

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

**External Speaker** - (Leeds 25R) Connects to a speaker cabinet with a 1/4" speaker cable. Always ensure that the impedance of your amplifier matches the impedance of the speaker cabinet you are running it into.

**Send** - Connects to the input of an external effects pedal, rack or processor.

**Footswitch** - Insert a footswitch (FS201) to toggle the amp's channels and reverb.



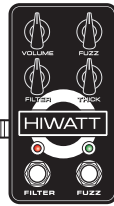
# PEDALS LOVE HIWATT!

“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 PREAMP!



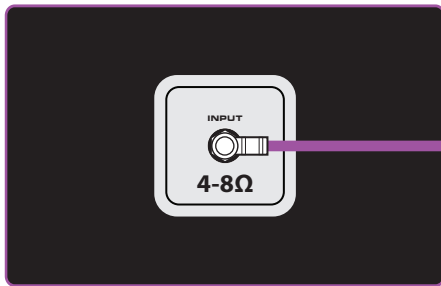
HIWATT FILTER FUZZ MKII



WEM CCB-1 BOOST

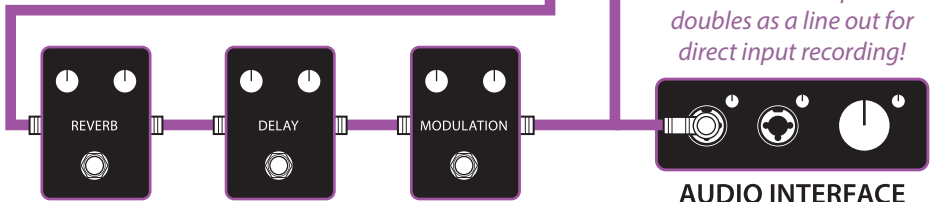
## OUTPUT CONFIGURATIONS

### LEEDS 25R HEAD



FOOTSWITCH (FS201)

### EFFECTS LOOP EXAMPLE



The Send output doubles as a line out for direct input recording!

AUDIO INTERFACE

TIME-BASED EFFECTS WORK BEST IN THE EFFECTS LOOP!

# GETTING CREATIVE WITH TONES

## Crystal Clear Cleans

**CHANNEL** - Clean Channel  
**VOLUME** - Boost volume to taste  
**GAIN** - Set low, around 9 o'clock  
**EQ** - Cut Bass, boost Middle and Treble



## Vintage Scooped Overdrive

**CHANNEL** - Overdrive Channel  
**VOLUME** - Set to Noon  
**GAIN** - Set to desired level of Overdrive  
**EQ** - Boost Bass and Treble, cut Middle



## Powerful Distorted Leads

**CHANNEL** - Overdrive Channel  
**VOLUME** - Boost volume to taste  
**GAIN** - Set to 3 o'clock  
**EQ** - Cut Bass, boost Middle and Treble



## Hiwatt Hi-Headroom

**CHANNEL** - Clean Channel  
**CHANNEL VOLUME** - Boost volume to taste  
**SPRING REVERB** - Set to Noon  
**EQ** - Cut Bass, boost Middle and Treble



## Beefy Scooped Distortion

**CHANNEL** - Overdrive Channel  
**CHANNEL VOLUME** - Boost volume to taste  
**GAIN** - Set to desired level of overdrive  
**SPRING REVERB** - Just a touch of Reverb  
**EQ** - Set Bass to taste, boost Middle and Treble  
**CONTOUR** - Set to 2 o'clock to push your Mids



## Vintage Overdrive

**CHANNEL** - Overdrive Channel  
**CHANNEL VOLUME** - Boost volume to taste  
**GAIN** - Set to desired level of overdrive  
**SPRING REVERB** - Just a touch of Reverb  
**EQ** - Set Bass to taste, boost Treble and Middle  
**CONTOUR** - Set to 2 o'clock to push your Mids



## Dark Ambient Overdrive

**CHANNEL** - Overdrive Channel  
**CHANNEL VOLUME** - Boost volume to taste  
**GAIN** - Set to desired level of overdrive  
**SPRING REVERB** - Set from 10-12 o'clock  
**EQ** - Boost Bass, cut Treble and set Middle to Noon  
**CONTOUR** - Set to 9 o'clock to slightly scoop Mids



## Clean Tone to Dirty Drive (Utilizing the FS-201 Footswitch)



Add lush Spring Reverb with the push of a button!



# 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 

### Hiwatt Electronics Limited

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 REGISTER PRODUCTS