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# Blackstar<sup>®</sup>

AMPLIFICATION




 **A M P E D 1**  
DEPT. 10 | 100W AMP PEDAL

**Blackstar Amplification Ltd**, Beckett House, 14 Billing Road, Northampton, NN1 5AW, UK  
For the latest information go to: [www.blackstaramps.com](http://www.blackstaramps.com)

Whilst the information contained herein is correct at the time of publication, due to our policy of constant improvement and development, Blackstar Amplification Ltd reserves the right to alter specifications without prior notice.

**Owner's Manual**

**the sound in your head**

Designed and Engineered by  
Blackstar Amplification UK 



## IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings.
8. Install in accordance with the manufacturer's instructions.
9. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
10. 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 your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
11. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
12. Only use attachments/accessories specified by the manufacturer.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. 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 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.

**“TO COMPLETELY DISCONNECT THIS APPARATUS FROM THE AC MAINS, DISCONNECT THE POWER SUPPLY CORD PLUG FROM THE AC RECEPTACLE”.**

**“WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS 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!

### Important safety information!

**READ THE FOLLOWING INFORMATION CAREFULLY. SAVE ALL INSTRUCTIONS FOR FUTURE REFERENCE!**

**Follow all warnings and instructions marked on the product!**

**Danger! High internal operating voltages.**

Do not open the equipment case. There are no user serviceable parts in this equipment. Refer all servicing to qualified service personnel.

Clean only with a dry cloth.

Condensation can form on the inside of an amplifier if it is moved from a cold environment to a warmer location. Before switching the unit on, it is recommended that the unit be allowed to reach room temperature.

Unauthorised modification of this equipment is expressly forbidden by Blackstar Amplification Ltd.

Never push objects of any kind into ventilation slots on the equipment casing.

Do not expose this apparatus to rain, liquids or moisture of any type.

Avoid placing vessels filled with liquid on top of the amplifier.

Do not place this product on an unstable trolley, stand or table. The product may fall, causing serious damage to the product or to persons!

Do not cover or block ventilation slots or openings.

This product should not be placed near a source of heat such as a stove, radiator, or another heat producing amplifier.

Use only the supplied power adaptor which is compatible with the mains voltage supply in your area.

The power supply adaptor should always be handled carefully and should be replaced if damaged in any way.

Never break off the earth (ground) pin on the power supply adaptor.

The power supply adaptor should be unplugged when the unit is to be unused for long periods of time.

Before the unit is switched on, the loudspeaker should be connected as described in the handbook using the lead recommended by the manufacturer.

Always replace damaged fuses with the correct rating and type.

Never disconnect the protective mains earth connection.

High loudspeaker levels can cause permanent hearing damage. You should therefore avoid the direct vicinity of loudspeakers operating at high levels. Wear hearing protection if continuously exposed to high levels.

If the product does not operate normally when the operating instructions are followed, then refer the product to a qualified service engineer.

Only suitable for safe use under non-tropical climate conditions. Maximum ambient temperature for operation: 35°C

Always make sure that the power adaptor is connected to a socket/outlet with an earthed connection.

Mains Voltage: 100-240V~ 50/60Hz.

This amplifier is only designed and evaluated for safety at a maximum altitude of 2000m.

The U.S. Government's Occupational Safety and Health Administration (OSHA) has specified the following permissible noise level exposures:

Duration Per Day In Hours	Sound Level dBA, Slow Response
8	90
6	92
4	95
3	97
2	100
1½	102
1	105
½	110
¼ or less	115

According to OSHA, any exposure in excess of the above permissible limits could result in some hearing loss.

Ear plug protectors in the ear canals or over the ears must be worn when operating this amplification system in order to prevent a permanent hearing loss if exposure is in excess of the limits as set forth above. To ensure against potentially dangerous exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of producing high sound pressure levels such as this amplification system be protected by hearing protectors while this unit is in operation.



All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.



## Introduction

Thank you for purchasing this Dept. 10 AMPED guitar amplifier pedal. Like all our products, this floorboard rig is the result of countless hours of painstaking Research and Development by our world-class design team. Based in Northampton (UK), the Blackstar team are all experienced musicians themselves and the sole aim of the development process is to provide guitarists with the ultimate tools for self-expression. All Blackstar products are subjected to extensive laboratory and road testing to ensure that they are truly uncompromising in terms of reliability, quality and above all TONE.

The Dept. 10 AMPED series is packed with innovative, ground-breaking technology allowing the sound in your head to be more portable than ever before.

Please read through this handbook carefully to ensure you get the maximum benefit from your new Blackstar product.

To find out more about the Blackstar range of products please visit our website at [www.blackstaramps.com](http://www.blackstaramps.com).

Thanks!

The Blackstar Team

## Features

Since our launch in 2007, Blackstar has led the way in the innovation of guitar amplification. The Dept.10 AMPED 1 represents the culmination of years of technical research and development. Amped 1 has an intuitive control set like a traditional amp, but the versatility of programmability and Pro Digital Technology.

Amped 1 is a 100W, no compromise, pedal platform floorboard amp capable of delivering the tone and feel of traditional valve amps. Therefore, the USA and UK voices offer two of the most revered and popular platforms for pedals and effects. In addition to these traditional guitar amp voices, the Flat voice provides the ability to plug your favourite amp modeller or preamp pedal directly into your Amped 1 without colouring your tone.

Via the Response control, Amped 1 offers 5 distinctly different power valve responses and a Linear response for transparent power amplification. The power valve responses (EL84, 6V6, EL34, 6L6, and KT88) deliver the response, dynamics, sag and break up characteristics of their analogue counterparts. The 6 responses are delivered with 100W of power at 8 or 16 ohms in a compact package that fits in your gig bag. Use the Flat voice with the standard power valve responses or in combination with the Linear response for totally transparent power amplification. AMPED 1 provides the opportunity to experience any modeller, profiler, preamp pedal at its absolute best.

CabRig is Blackstar's next-generation DSP speaker simulator and begets a fundamental shift in the accessibility of professional recording and performing. CabRig awards budding musicians the ability to access previously unattainable technology, that has long been reserved for professional sound engineers and producers. The CabRig outputs enable you to get the sound in your head from any speaker including headphones, studio monitors and front of house. AMPED 1 can also be used as an audio interface, recording the same tones you use live straight into your computer via USB-C.

## Front Panel

### 1. Voice

The Voice control changes the preamp voicing. Select a preamp character and sound that suits you.

- **USA** - Inspired by classic American amps of the mid '60s. Very clean, dynamic and bright, but with a solid low-end and controlled mids. A perfect pedal platform.
- **UK** - 'Classic' valve preamp based on a much-loved British Class A amplifier of the early '60s. A low to medium gain preamp that can be used clean, warm or mildly overdriven. Popular choice for a 'pedal platform' or as a responsive crunch tone. The valve power stage is set as 'open-loop', which has a looser feel with a resonant bottom end and lively highs.
- **Flat** - Neutral preamp for use with external preamps and amp modellers. Features a semi-parametric EQ, transparent with controls set to 12 o'clock

This setting is saved when you store a preset.

### 2. Gain

The Gain control adjusts the amount of overdrive or distortion. Low settings, counter clockwise, will deliver a clean and articulate tone. As the Gain control is turned clockwise the sound will become more overdriven, moving through beautiful crunch tones, with maximum distortion in the full clockwise position. This setting is saved when you store a preset.

### 3. Bass

The Bass control adjusts the level of low-end frequencies in your tone. The tone controls are tailored to the selected voice. The USA Voice has a more pronounced low end, whereas the UK Voice has a more controlled bass response. This setting is saved when you store a preset.

### 4. Middle

The Middle control adjusts the level of mid-range frequencies in your tone. The mid-range frequencies are particularly important in setting the amount of 'body' your tone has. With the Middle control set to its minimum position (fully counter clockwise) the sound will be scooped. As the Middle control is increased (clockwise) the amount of 'body' is increased. This setting is saved when you store a preset.

### 5. Treble

The Treble control adjusts the level of high frequencies in your tone. At low settings the sound will be warm and dark in character. As the Treble control is increased the sound will become brighter. This setting is saved when you store a preset.

### 6. Reverb

The Reverb knob controls the amount of Reverb applied to your guitar tone, with low settings in the counter clockwise direction and high settings clockwise. This setting is saved when you store a preset. The Reverb type, time and tone can be customised using Blackstar's Architect deep-editing software and saved to your amp.

### 7. Reverb Footswitch

The Reverb footswitch toggles the Reverb on and off. The LED will light up when the Reverb is active. This setting is saved when you store a preset. When the Reverb is active, holding the Reverb footswitch will activate the 'Freeze' effect. Whilst the Reverb footswitch is held down and the 'Freeze' effect is active, the Reverb will decay over a much longer period of time, achieving a synth pad-like effect. Notes played whilst the Reverb footswitch is held will be added to this freeze effect.

### 8. Response

The Response control uses our patented TVP design to allow the sonic character of the power amplifier to be varied between five distinctly different and authentic power valve responses – KT88, 6L6, EL34, 6V6, EL84. Each setting delivers the response, dynamics, sag and break-up characteristics of the selected valve power amp. The Linear response offers transparent power amplification, for use in combination with the Flat voice when pairing your AMPED 1 with an external amp modeller.

Blackstar's power valve responses change the characteristics of the sound from dynamic and tight to compressed and spongy.

- **KT88** – Tight, bold and dynamic Class A/B with strong low end
- **6L6** – Tight dynamic Class A/B with extended high and lows
- **EL34** – Classic British Class A/B full bodied crunch with focussed mids
- **6V6** – Crisp Class A with high compression and tight mids
- **EL84** – Bell-like full bodied Class A with lots of compression and soft break-up
- **Linear** – Transparent and high headroom

As you move from KT88 to EL84 the amount of compression and overdrive available from each valve response is increased. This setting is saved when you store a preset.

### 9. Power

This 3-way toggle switch allows use to switch between three different power output settings:

- **100W** – This is the full power setting which will give the loudest clean headroom. Ideal for live and stage use.
- **20W** – This setting reduces the output power to a maximum of 20 Watts. Use for smaller gigs, when rehearsing, or when a more power amp overdriven tone is desired at a lower level.
- **1W** – This is the lowest power setting and reduces the output power down to 1 Watt. Perfect for practising, recording or when a power amp overdriven tone is desired at low volume.

### 10. Master

This controls the overall volume of your amplifier. Turning it clockwise increases the volume. High levels of volume will introduce the effect of valve power amp distortion and compression, the character of which depends on the Response (7) setting you have selected.

Power level is a global setting and not saved when storing a preset.

## 11. Preset

Recall the stored Preset by pressing this footswitch. When you activate the switch, the LED above the footswitch will light up and the settings stored in the Preset will be applied, overwriting the physical state of the controls. Deactivating the Preset will revert the settings to the physical state of the controls. Holding the Preset footswitch for 2 seconds will store the current settings to the Preset. The Recall Indicator and Preset LEDs will flash to confirm a successful save.

**NOTE:** GAIN, VOICE, BASS, MIDDLE, TREBLE, REVERB level, REVERB state and RESPONSE will be saved to the Preset. The POWER and MASTER settings will not be saved to the Preset.

## 12. Recall Indicator LED

The Recall Indicator shows if there is a mismatch between the current value of a parameter within the amplifier and the corresponding physical front panel control. For example, when you load the Preset the controls on the front panel may not always reflect the setting you are hearing.

To prevent unexpected level jumps in the control you are adjusting, the front panel knobs will have no effect on the sound until the knob reaches the current parameter value. Once reached, the Recall Indicator will flash once, the knob will 'take control' of the value and it will then increase or decrease the value.

The recall indicator will flash once each time the physical knob 'passes through' the value currently stored in the current patch. The recall indicator will flash when the saved values for GAIN, BASS, MIDDLE, TREBLE and REVERB are recalled.

## Rear Panel

### 1. Mains Input

The supplied detachable mains lead is connected here. Dept. 10 AMPED products use a universal input power supply. This means that the mains input range is rated at 100Vac to 240Vac and capable of operating at 50Hz and 60Hz.

Therefore, these products can be used anywhere in the world without needing to adjust anything. Along with the size and weight benefits, this makes them ideal for a musician who travels internationally.

**NOTE:** The mains input can only be connected to a power outlet that is compatible with the voltage, power and frequency requirements stated on the rear panel. If in doubt, seek advice from a qualified technician.

### 2. Power Switch

This switch is used to turn the amplifier on and off.

### 3. In

Plug your guitar or preamplified signal from your preamp pedal or amp modeller into this input. Always use a good quality screened instrument lead.

## 4. Loop

The mono effects loop handles both the send and return with a single socket using a TRS connection. Use the supplied TRS signal splitter cable to separate the send and return and place your own external effects and stomp boxes 'in the loop' for the best sonic performance. Connect the mono input of external effects units to the effects send and the output of external effects units to the effects return. The effects loop send is taken before the Master control.

The default for the effects loop is for it to be placed before the onboard Reverb in the signal chain. This setting can be changed using Blackstar's Architect software and saved to the amp.

The effects loop is set to series routing as default. The effects loop can also be configured to operate in parallel. Use Blackstar's Architect software to change and save the effects loop routing. When set to parallel, Architect also provides control over the effects loop return level.

**TIP:** The typical use of a parallel effects loop is to run the looped effects on full 'wet' or 'kill dry'. This eliminates the dry signal from the effects loop and offers more control over the wet/dry mix within the amplifier.

**NOTE:** If the effects loop is set to parallel, running effects in the loop that contain a dry signal will result in a level boost when mixed back with the dry pass-through at the effects loop return.

## 5. Speaker Outputs

Connect a suitable guitar speaker cabinet to the matching impedance Speaker Output:

The output marked '16 OHM' is for the connection of a single 16 ohm speaker cabinet.

The output marked '8 OHM' is for the connection of a single 8 ohm speaker cabinet.

AMPED 1 can deliver its full 100W of power at 8 or 16 ohm impedances.

**NOTE:** Always use a good quality speaker cable for speaker outputs.

**WARNING:** Do not use both speaker outputs at the same time, doing so will damage your amplifier. Connect the speaker cable to your cabinet first, then your AMPED pedal.

**NOTE:** If the speaker lead is disconnected at the amplifier end then your AMPED pedal will automatically switch to a safe, low power consumption mode. Therefore, for example, if you wish to record using the output from either the XLR, stereo jack, or USB, then you can set it on your desk without any need to be connected to a speaker load.

**IMPORTANT NOTE:** The protection sensing is at the speaker output jacks on the unit. Do not disconnect at the speaker end only. Disconnect at the amp!

## 6. Outputs

Use the two 9V DC outputs to power your external pedals up to a maximum combined current of 500mA.

**WARNING:** Do not exceed a combined total current of 500mA from the two outputs.

## 7. USB – CabRig Audio Output

Use the supplied USB-C cable to connect your AMPED 1 to your computer. This is for USB digital audio output for recording directly into your computer and for connecting to Blackstar's Architect editing software.

Standard audio drivers are used to connect the amplifier to a PC, Mac or other applicable recording device. No specific drivers are required. For a guide on low latency USB recording visit: [www.blackstaramps.com/usbrecording](http://www.blackstaramps.com/usbrecording)

**NOTE:** Always connect the amplifier via a main USB port, avoid using USB Hubs where possible.

CabRig is a next-generation advanced speaker simulator that reproduces the sound and feel of mic'd up guitar speaker cabs in incredible detail. The sound is dependent on the CabRig switch setting (see 'Side Panel' section for more information) and the more in-depth settings within the CabRig section of Blackstar's Architect software.

Your Dept. 10 AMPED pedal is capable of multiple simultaneous inputs and outputs via USB. The amplifier will appear as an audio capture device within recording software. The audio output via USB from your amplifier directly to your computer is carried across four independent, simultaneous channels:

- Channel 1: CabRig, left channel – The fully processed guitar sound, with power amp and speaker cabinet emulation. This will include the left channel of the CabRig Room. This signal is taken after the Master volume control.
- Channel 2: CabRig, right channel – The fully processed guitar sound, with power amp and speaker cabinet emulation. This will include the right channel of the CabRig Room. This signal is taken after the Master volume control.
- Channel 3: Preamp output – The sound of the preamp voices and EQ stages, taken before the reverb and without any speaker or cabinet emulation. Ideal for use with your own effects and power amp/cabinet emulation plugins within your recording software/DAW. This signal is not affected by the Master volume control or any controls within CabRig, it can be attenuated by up to 20dB using the CabRig Outputs 'Level' control on the side panel.
- Channel 4: Unprocessed dry guitar signal – This is the direct signal from your guitar as received by the input stage of the amp. This signal is ideal for reamping. This signal is not affected by any of the amplifier's controls.

These audio streams can be recorded simultaneously within your chosen recording software/DAW. Control the output levels of Channels 1 and 2 using CabRig within Blackstar's Architect software.

**TIP:** To record a stereo Room sound, pan the stereo CabRig left channel 100% left in the mix and pan the right channel 100% right.

Your AMPED pedal can also receive audio input from your computer:

- Channel 1: Line input, left channel – Used for audio monitoring or backing track playback via the XLR and Line Out CabRig outputs.
- Channel 2: Line input, right channel – Used for audio monitoring or backing track playback via the Balanced XLR and Line Out CabRig outputs.

## 8. MIDI In

To receive MIDI messages, connect your MIDI device here using the supplied TRS MIDI to 5 pin MIDI adaptor. Always use a good quality MIDI lead. The default for receiving MIDI messages via the MIDI In is channel 1. The MIDI channel can be changed using Blackstar's Architect software.

Please refer to the MIDI table at the end of this manual for more details.

## Side Panel

### 1. Balanced – Mono XLR CabRig Output

Use a 3 pin XLR cable to connect this output to an audio interface, stage box or mixing desk. This provides a low noise, low impedance, high quality connection for recording or live use.

The signal from this output is the fully processed guitar sound, with power amp and CabRig speaker cabinet emulation.

This signal can also be attenuated by up to 20dB using the CabRig Outputs 'Level' control. The stereo Line input signal via USB will also be affected by the Level control.

**NOTE:** This signal is taken after the Master volume control.

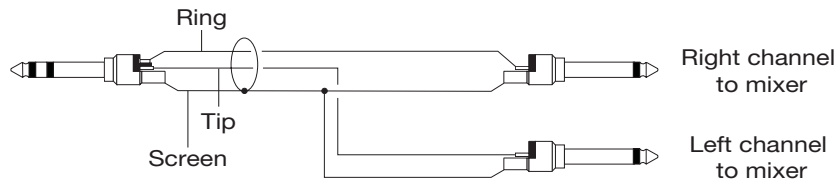
### 2. Line Out – Stereo CabRig Output

This ¼" TRS jack socket provides a stereo connection to a recording device, mixing desk or headphones. Always use a good quality TRS (stereo) type lead or TRS to 2 x TS (mono) lead (see diagram below).

The signal from this output is the fully processed guitar sound, with power amp and CabRig speaker cabinet emulation. The sound is dependent on the CabRig switch (3) setting and the more in-depth settings within the CabRig section of Blackstar's Architect software.

The CabRig signal level can also be attenuated by up to 20dB using the Level control (4). The stereo Line input signal via USB will also be affected by the Level control.

**NOTE:** This signal is taken after the Master volume control.



### 3. CabRig Switch

Use this to switch between the three CabRig settings currently stored in the pedal. You can customise the three factory patches using the CabRig section of Blackstar's Architect software.

### 4. Level Control – CabRig Outputs

This control allows quick access, physical control over the XLR, Line Out and USB audio channel 3 output level. At maximum (fully clockwise), this control has no effect on the signal level. At minimum (fully anti-clockwise), this control attenuates the signal on these outputs by 20dB.

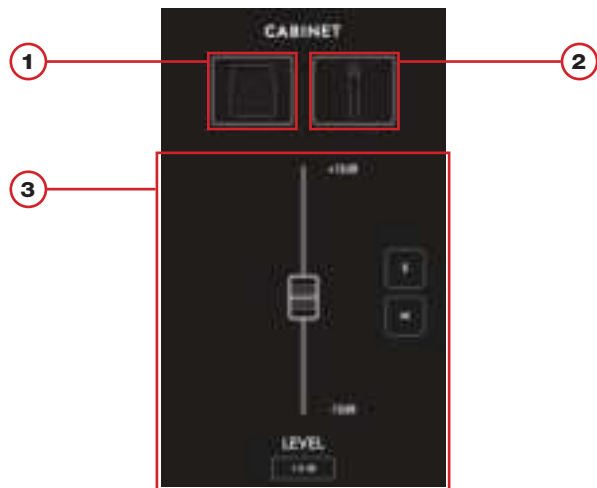
## CabRig

To access edit CabRig settings you will need Blackstar's Architect software.

Download Architect from the Blackstar website:

<https://blackstaramps.com/architect>

### Cabinet Channel Strip



## 1. Cabinet Selection



Select your virtual cabinet using the Cabinet Selection panel. Choose from 23 distinct speaker cabinets or select DI (Direct Injection) for the direct power amp output.

**NOTE:** For use with 3rd party IR (Impulse Response) loaders, select the DI option. The DI is taken from after the power amp.

## 1. Microphone Selection



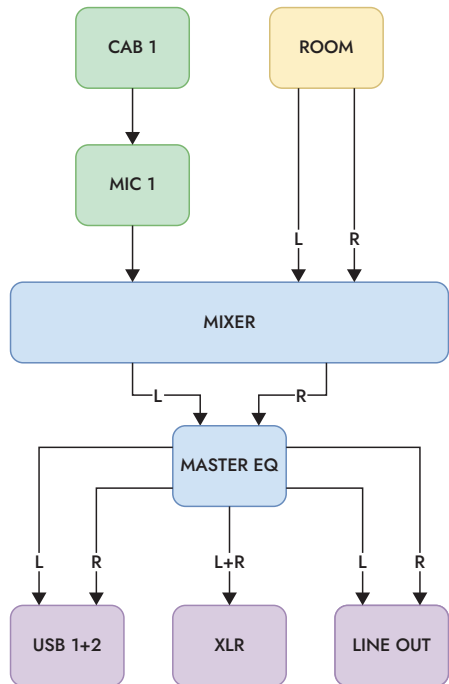
Mic up your virtual cabinet with a choice of 6 industry standard microphones. Toggle the axis of your microphone choice for a different tonal flavour. In general, OFF AXIS will darken your tone and shift the mid-range character.

Microphone	Character
57 - Dynamic	Bright and cutting, with controlled lows. A classic microphone choice for recording guitar cabinets. Use this microphone off-axis for a less sharp, mid-focussed tone.
421 - Dynamic	Aggressive and tight. Use this microphone for an up-front sound or off-axis for a more mellow sound.
67 - Condenser	Balanced with extended top end. Off-axis this microphone gives a similar tone to a ribbon, but with a controlled low end.
414 - Condenser	Rich and bold. The extended top and bottom end of this microphone gives your tone a larger-than-life sound.
121 - Ribbon	Thick and warm. A great choice for a vintage sound. Try off axis for a super smooth sound.
160 - Ribbon	Punchy mids with smooth highs. Use this microphone for a more controlled ribbon sound or off-axis for a richer tone.

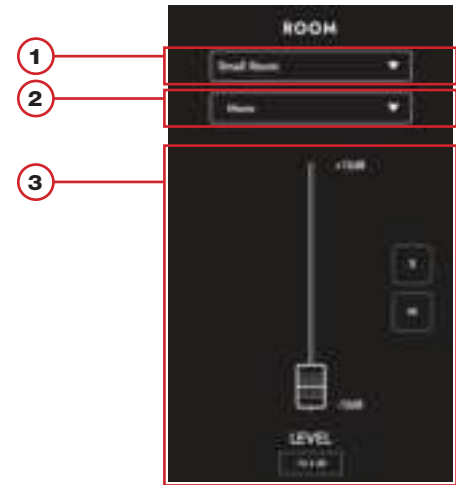
**Mix Controls**

Balance the levels of your cabs using the channel faders. Use the solo button to isolate your cab and room, or the mute button to silence it.

Below is the signal chain for CabRig:

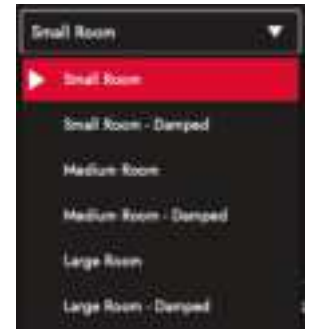


**Room**



**1. Room Selection**

Support your cab and mic selection with room ambience. Select the type of room using the drop-down menu. Each room type has a "Damped" option; selecting this will result in a shorter and more refined sound.

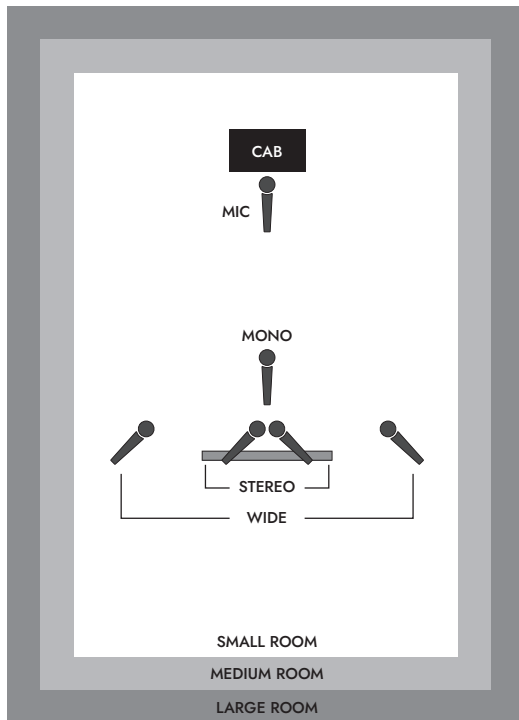


**2. Width Selection**

Adjust the stereo width of your room choice using this drop-down. These are emulations of three different micing techniques (shown below): mono mic, XY pair and spaced pair.



**NOTE:** The "Wide" setting will enhance and widen the stereo image, resulting in an expansive stereo experience.



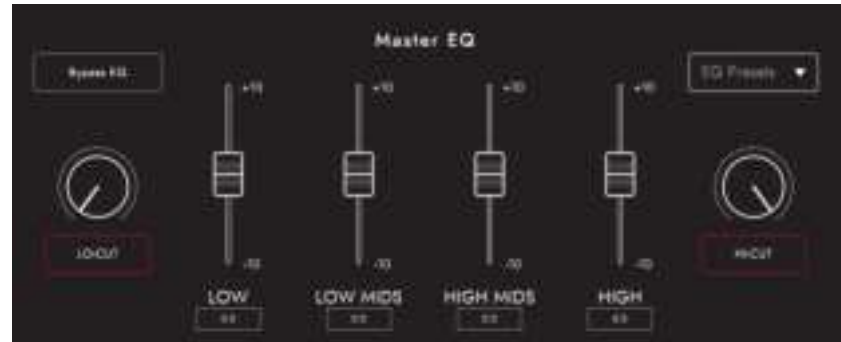
- **LOW-CUT:** Controls a 2nd order high pass filter
- **LOW:** Controls a low shelf filter at 120Hz +/- 10dB
- **LOW MIDS:** Controls a peak filter at 400Hz +/- 10dB
- **HIGH MIDS:** Controls a peak filter at 1KHz +/- 10dB
- **HIGH:** Controls a high shelf filter at 4KHz +/- 10dB
- **HI-CUT:** Controls a 2nd order low pass filter

**TIP:** Choose one of the EQ Presets from the drop-down box (shown below) for a good place to start. This is like having your own sound engineer, getting you to the sound you want quickly. The EQ Presets also provide a great platform for experimentation should you wish to tweak your tone further.



**Master**

**1. EQ**



The channel EQs provide the ability to shape the tone of each of your cab and mic combinations individually. The EQ can be bypassed for a quick comparison.

## Patches and Presets



### Device (AMPED 1) Patches

These are the patches that are currently loaded on your amplifier, selectable via the CabRig switch. Press the save button and “Save Patch to Device” to save your current CabRig settings to one of your “Device Patches”.

### Local Patches

“Local Patches” are saved on your computer (Documents – Blackstar – Saved Patches), instead of loaded onto your amp.

To save a local patch, click the save button and “Save Local Patch”. You can save as many “Local Patches” as you like and these can be recalled at any point by double clicking on the patch in the patches panel or right clicking on the patch and selecting “Load Patch”.

**TIP:** To organise your “Local Patches” in the patch panel go to “Documents – Blackstar – Saved Patches” and create your own folders. Simply drag your patches into the folders you have created and your folders will appear in the patch panel.

## Settings Panel



Click the gear icon to open the settings panel.

### Audio



Adjust the MIDI channel, FX Loop and Reverb settings here. Changes made here will automatically update, but will not be permanently saved to the amp. To save your changes, click “Save Amp Settings” at the bottom of the page.

## General

Adjust various Architect settings here.



### About

Information about your amplifier will be displayed here.

### Reset Default Patches and Settings

The default factory amp patches, CabRig patches and settings can be restored to your amplifier at any time. This can only be done using Blackstar's Architect software.

Navigate to the 'General' settings panel within Architect and click 'Restore Patches and Settings'. Follow the on screen instructions to complete the reset.

**IMPORTANT NOTE:** This process will overwrite any user content saved to the amp.

### Firmware Upgrade

When a firmware upgrade for your amplifier is available, Architect will automatically prompt you upon connection to upgrade to the latest version. Follow the on-screen instructions to perform the firmware upgrade.

	Function	CC Number	Value
<b>Voice</b>	USA	1	127 = On
	UK	2	127 = On
	Flat	3	127 = On
<b>Preamp</b>	Bass	4	0-127
	Middle	5	0-127
	Treble	6	0-127
	Gain	7	0-127
<b>Response</b>	EL84	8	127 = On
	EL34	10	127 = On
	6L6	12	127 = On
	Master Volume	16	0-127
<b>Response</b>	KT88	18	127 = On
	6V6	20	127 = On
	LINEAR	22	127 = On
<b>FX Loop</b>	FX Loop Pre	75	127 = On
	FX Loop Post	76	127 = On
	FX Loop Series	77	127 = On
	FX Loop Parallel	78	127 = On
<b>Reverb</b>	Reverb Footswitch	86	0 = Off 127 = On
	Reverb Level	91	0-127
	Reverb Hold	92	0 = Off 127 = On
	Preset Footswitch	99	0 = Off 127 = On
<b>Power Level</b>	1W	110	127 = On
	20W	111	127 = On
	100W	112	127 = On

## Technical Specifications

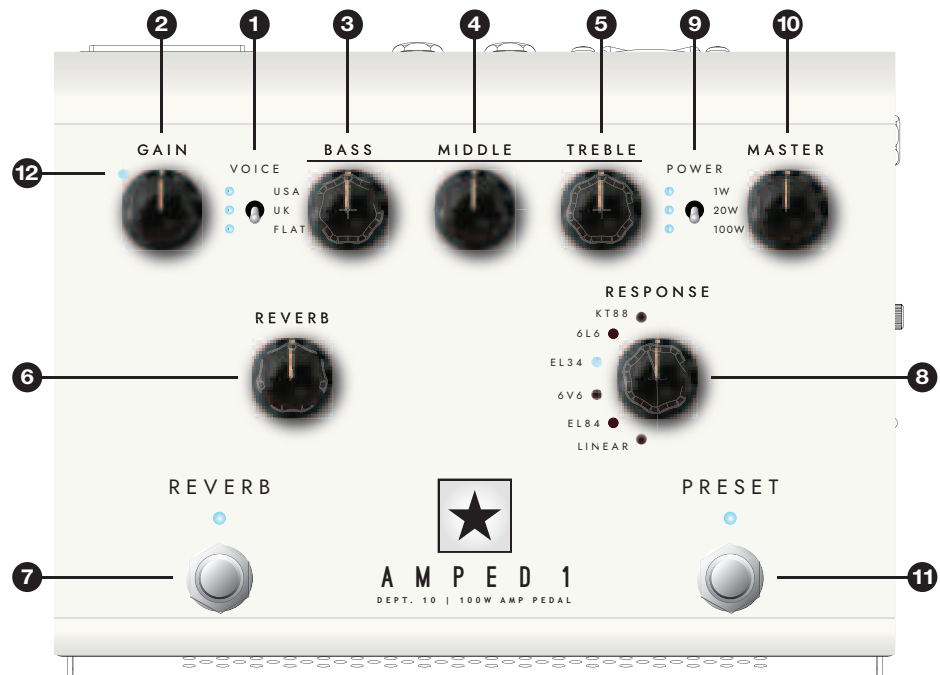
### AMPED 1

**Power (RMS):** 100W

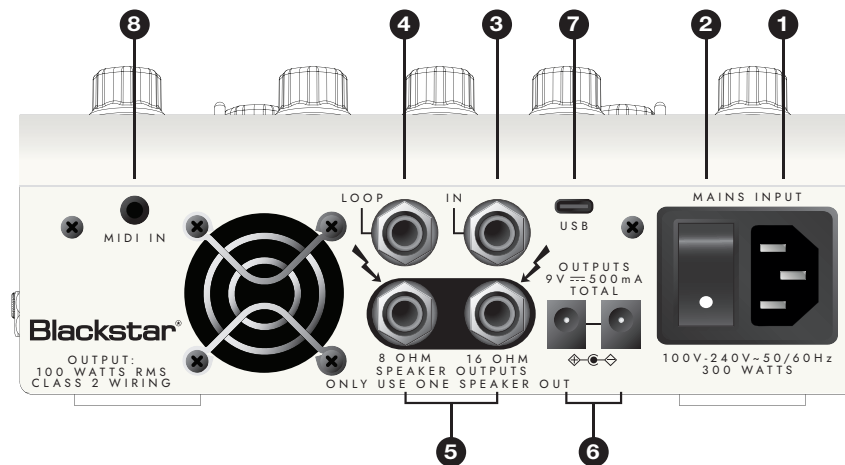
**Weight (kg):** 1.28

**Dimensions (mm):** 200(W) x 81(H) x 149(D)

### AMPED 1 Top View



### AMPED 1 Rear View



### AMPED 1 Side View

