Laney DB-EAST Nathan East Signature Amplifiter

Laney DB-EAST Nathan East Signature Amplifiter User Manual

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Laney DB-EAST Nathan East Signature Amplifiter

Product Information

SPECIFICATIONS

- Preamp: DB$EAST
- Inputs: Dual switchable inputs
- EQ: Powerful 3 band EQ with switchable mid voicing options
- Connectivity: 2 LAIR equipped DI outs, USB C socket

SAFETY AND WARNINGS

Always follow safety instructions provided in the user manual.
Do not expose the product to water or extreme temperatures.

Product Usage Instructions

Dual Inputs and Switching

The amplifier features dual switchable inputs. You can switch between inputs using the front panel controls or by connecting a footswitch to the socket on the back.

EQ and Preamp Controls

The DB$EAST preamp offers FET and TUBE input stages that are switchable and blendable. Utilize the powerful 3 band EQ with switchable mid voicing options and the TILT function to customize your sound. Adjust the MASTER VOLUME for desired output level.

LAIR Equipped DI Outs

The amplifier includes 2 LAIR equipped DI outs. Each input is routed through the preamp to its dedicated DI out, allowing for independent EQing at the desk. The DI out is switched automatically when changing inputs.

Connectivity and Recording

Connect the DB$EAST to the LAIR APP via the USB C socket for cabinet IR and EQ adjustments. The audio in/out support enables direct connection to your DAW for convenient silent recording.

Performance and Versatility

The DB$EAST is known for its tone and versatility, making it suitable for a wide range of gigs. Experiment with different settings to find the perfect bass sound for every performance.

INTRODUCTION

- When it comes to bass there is no one more respected than Nathan East.
- Nathan East is without doubt, one of the most prolific bass players of all time, recording and playing with artists such as Eric Clapton, Michael Jackson, Stevie Wonder, Phil Collins, Toto, Daft Punk, Chick Corea …. the list goes on.
- We were excited when Nathan joined the Laney DIGBETH family a few years back. Since the very beginning we have been working closely with Nathan to develop a new amplifier, designed to meet the varied requirements of his touring and playing life, without compromise.
- We are very proud to announce, in collaboration with the one and only Nathan East, a new addition to the DIGBETH FAMILY – the DB-EAST.
- Nathan fell in love with the sound of DIGBETH the moment he heard it, so we knew we had the right sound, we just needed to make it more flexible. So, we started with dual inputs.
- The DB-EAST features a pair of inputs that allows you to connect two instruments at the same time. These could be an acoustic bass and an electric bass as in Nathan's case, or it could be a 4 string and a five string, or an active and a passive bass. Whatever you choose. This makes swapping from one bass to another as simple as the flick of a switch. Both inputs have the same tonal characteristics, with input 2 featuring a trim pot allowing you to match basses of different output levels, either acoustic, active or passive.
- Simply switch from one input to the other via the front panel or connecting to the footswitch socket on the back.
- The DB-EAST pre-amp is everything you have come to expect from DIGBETH. With FET and TUBE input stages that are switchable & blend-able, powerful 3 band EQ with a switchable mid voicing options and the mighty TILT function, plus a MASTER VOLUME. The DB-EAST panel also features new low reflectivity knobs which make the unit easy to read under stage lights and give it a very seductive look.
- The DB-EAST features 2 LA·IR equipped DI outs. Each input is routed through the preamp to its own dedicated DI out. The DI out is switched automatically when you switch the DB-EAST's input, giving you complete flexibility when it comes to using multiple basses.
- Dual switchable inputs and LA·IR equipped DI outs makes it possible to supply the FOH with a dedicated output for each instrument which can be EQ'd independently at the desk. Rather than having to share a channel and compromise between one bass and then the other.
- The inclusion of LA·IR technology on the DI outs means you can add exactly the right cabinet IR and EQ exactly as you want to get the perfect bass sound every time via the free LA·IR APP.
- LA·IR technology allows you to have two IRs stored on the DIGBETH-EAST, one for each DI out however you can have access to more than that in the free LA·IR APP, Each IR can have independent 8-band parametric EQs per
- IR, So should you need to tweak for a particular application, you have the ability to make it perfect for a particular venue or recording scenario. It's very powerful. The DB-EAST is shipped with a set of IRs from Nathans favourite cabs – the DBV410 on channel 1 and the DBV212 on channel 2.
- The DB-EAST features a USB C socket for connecting to the LA·IR APP, and it also supports audio in/out, so you can use it directly into your favourite DAW, making it super convenient for recording silently.
- The DIGBETH-EAST features dual speakON® compatible outputs. Each output connects to an independent 500- Watt monoblock amplifier, giving you plenty of power to distribute across the stage.
- The DB-EAST has become Nathans go to amp for his wide and varied gigs due to its tone and versatility

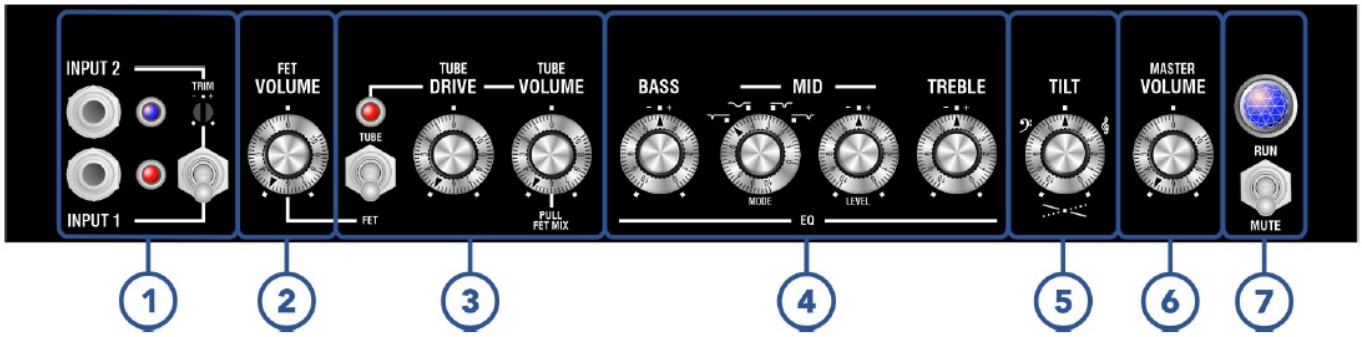
In the words of the great bass player himself, "It's a game changer".

FEATURES

- Dual Inputs with remote switching ability.
- Dual DI’s each with independent LA·IR, Post & Pre-setting.
- 2 x 500W RMS outputs.
- Fet and Tube channels with mix.
- Remote Drive & Mute.
- USB C® class compliant audio IN/OUT
- LA·IR APP for Software updates, IR & EQ settings and importing your favourite IRs.

CONTROLS

FRONT PANEL



1. **INPUT STAGE**

   Two 6.35mm jack sockets available for user flexibility. Both inputs accept a wide signal level range and as a result are suitable for both passive and active bass guitars. Note: Only one Input can used at a time. The adjacent toggle switch selects the ‘live’ input with the led’s (red for Input 1 and blue for Input 2) making selection status easily visible at a glance. The channel select can also be switched remotely.

   The TRIM control is used to balance the signal level between the two inputs applying the level shift to Input 2. This could be used to balance the signal level between two different passive bass guitars or a passive and an active guitar for example. Alternatively, two guitars with a similar output level could be made intentionally different
2. **FET VOLUME**

   Controls the level of the FET channel. This channel offers a clean, fast response which is articulate and punchy in the low end.
3. **FET/TUBE**

   Changes the selected channel between FET & TUBE channels. With the SWITCH set to TUBE and the TUBE VOLUME in the PULL position, MIX mode is enabled. This will provide a blend between FET and TUBE channels. The FET/TUBE can also be switched remotely.

   TUBE DRIVE

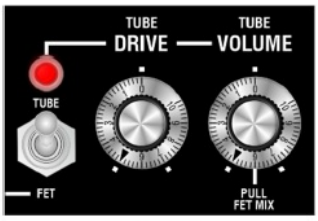
   Sets the amount of pre-gain to the TUBE channel. At low settings the TUBE channel will have subtle amount of overdrive adding a characteristic warm sound. At higher settings the TUBE channel is pushed harder, giving you more growl and distortion.

   TUBE VOLUME

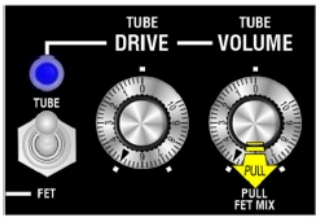
   Controls the post-gain level of the TUBE channel. Use it in conjunction with the TUBE drive control to get the perfect overdrive tone at the right volume. The TUBE VOLUME control can also be pulled to combine both the

TUBE & FET channel. This allows blending of the sonic benefits of both channels. Great for a clean tone with a small bit of grit or a distorted tone with super punchy bass!

FET mode.



TUBE mode.



MIX mode.

4. **EQ**

   BASS – Increasing this control adds more low frequencies to the sound, great for increasing the sub. Decreasing this control cuts back low frequencies, useful to help reign in low end feedback or clean up a muddy sound.

   MID MODE – A 4-position rotary switch – each position applies a different pre-shaped EQ sound.

   The position selected works in conjunction with the MID LEVEL CONTROL.

   - **Position 1** – A narrow lower mid cut which is great for giving more definition to your bass when playing with a drummer. Pull it back to give space to the kick & snare, bring it up to push your bass in front of the drums.
   - **Position 2** – A wider mid-range control brings out the growl of you bass, very useful to give more bite to your distorted tones, or for cutting back and increasing mid-range clarity.
   - **Position 3** – A narrow mid-range setting, like position 2, though more refined and less aggressive, good for scooping out your bass for a slap tone or increasing definition when playing distorted guitars.
   - **Position 4** – A upper mid setting, great for homing in on the pop of a bass or to cut back on fret noise.

     MID LEVEL

     This control works in conjunction with the MID MODE control and is used to boost or cut the MID band.

     TREBLE

     Boost the higher frequencies giving more top end clarity to the sound. Decrease the control to remove higher frequencies, good for a subby mellow sound.

5. **TILT**

   Works like an overall balance control of the tone. Turning clockwise toward the treble clef will decrease lower frequencies and boost higher frequencies. Turning anticlockwise towards the bass clef does the opposite. This control is perfect for fine tuning your overall tone and making sure your tone works in any situation.

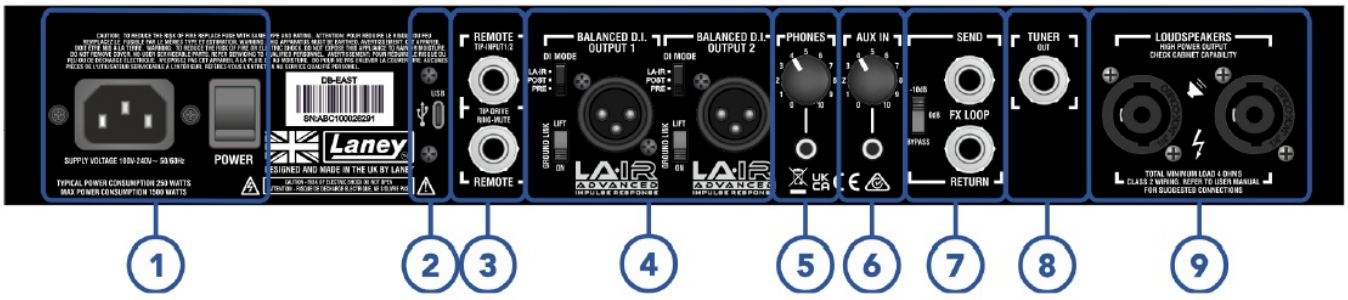
6. **MASTER VOLUME**

   Allows for the quick adjustment of the overall output level whilst maintaining the tone and colouration achieved in the input and EQ stages.

7. **STANDBY/RUN SWITCH**

   Quicky and easily mute the amplifier output stage. In Run mode, the jewel light will be continuously illuminated, and in standby mode it will pulse. In STANDBY the loudspeaker outputs will be muted, but signal will still be present at the PHONES, FX-SEND, DI and TUNER Outputs.

REAR PANEL



1. **POWER**

   A universal power input via an IEC C14 socket. An AC supply from 110V-240V is acceptable and voltage selection or adjustment on the DB-EAST amplifier is not required. The power switch provides complete power isolation in the off position.

2. **USB C PORT**

   Connect to a Windows or MacOS computer (via the included USB C cable) to connect your DB-EAST to our LA·IR app. Update the onboard IRs and modify their EQ individually with the easy to use 8-band EQ graph. The USB C port also supports AUDIO IN/OUT. Audio IN goes only to the speaker outputs and not to the DIOUTPUTS. Audio OUT to your DAW follows whatever DI out is currently selected. See APP for more information.

3. **REMOTE SOCKETS**

   Two 6.35mm jack sockets to connect footswitches, providing access to amplifier functionality. The top socket tip connection allows the user to select the input source, either INPUT 1 or INPUT 2. For the remote to work, the front panel toggle switch must be set to INPUT 2.

   The bottom socket provides FET/TUBE channel switch on the tip connection (with front panel toggle switch in the TUBE position) and AMP MUTE on the ring connection, with the front panel toggle set to MUTE. LANEY FS1-MINI & FS2-MINI footswitch remotes are recommended (not included)

4. **DI OUTPUTS**

   Two balanced XLR outputs are available with OUTPUT 1 sourced from INPUT 1 and OUTPUT 2 from INPUT 2. Both have independent MODE switches allowing the user to choose the signal source point. The DB-EAST head is shipped with 2 independent IR's, of Nathans favourite Laney Digbeth cabinets. On DI-OUTPUT 1 is an IR of the DBV410 cabinet and on DI-OUTPUT 2 is an IR of the DBV212 cabinet. Each of these IR's can be accessed, EQ'd, adjusted and saved to the DB-EAST via the LA·IR app. The LA·IR APP also allows you to import your own IR's.

   PRE – Signal sourced from the front stage of the amplifier. Before FET/Tube channels and any EQ.

   POST – Post FET/Tube gains and EQ controls. Also includes aux input.

   LA·IR – Same as POST but includes the voicing of the saved IR. The LA·IR can be different for each DI **OUT** with alternatives being available to the user via the LA·IR app.

   Note: The Input 2 TRIM control won't affect the signal output level from DI 2 in PRE but will in POST and **LA·IR modes.**

   GROUND LINK switches are independently available for each DI outputs and are used to prevent or reduce audio hum induced by earth loops when connecting to other equipment.

5. **PHONES**

   A 3.5mm jack with an independent VOLUME control for monitoring or silent practice. The PHONES output is subject to the DI mode selection of the currently selected input – PRE, POST or LA·IR.

6. **AUX**

A 3.5mm jack with VOLUME control for connecting an external sound source. Useful for jamming along with audio tracks. The Aux signal is routed to the amplifier outputs, but only to the DI/Phones outputs in POST/ LA·IR modes.

7. **FX LOOP**

   These sockets are used for connecting external effects device to your amplifier. Connect the send jack to the input of your external device and the return socket to the output. The FX loop (alongside the aux in) goes via the master volume straight to the amplifier.

   A switch is provided with three settings:

   BYPASS will skip anything connected to the FX loop. -10dB, 0dB provide a level shift depending on the outboard gear used. Generally speaking, the FX loop should be set to -10 if FX pedals are used, and the 0dB setting for rack gear or if distortion is heard.

8. **TUNER OUT**

   Plug your external tuning device in here. The pure input signal is routed to the TUNER socket even when the DB-EAST is in MUTE mode allowing silent tuning. Follows the input switch setting.

9. **DUAL LOUDSPEAKER OUTPUTS**

   Two speakON compatible combo outputs producing up to 500W RMS into 4 Ohm minimum loudspeakers. Suitable for either 6.3mm Jacks or the higher power rated NL2 speakON type connectors. Recommend using the NL2 connectors for most applications. Both loudspeaker outputs work independently and are internally coupled to separate amplifier blocks.

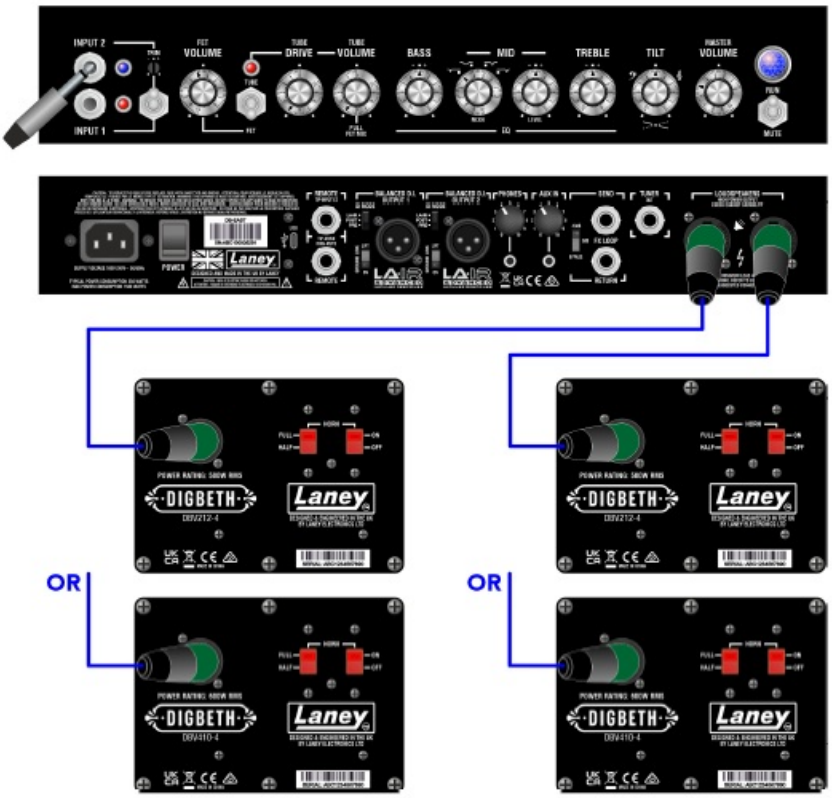
Ensure the total impedance connected to each socket is 4 Ohms or greater to avoid unnecessary stress on the DB-EAST.
Leaving the speaker outputs unconnected is perfectly fine, and will not result in damage to the DB-East amplifier.

CONNECTIONS

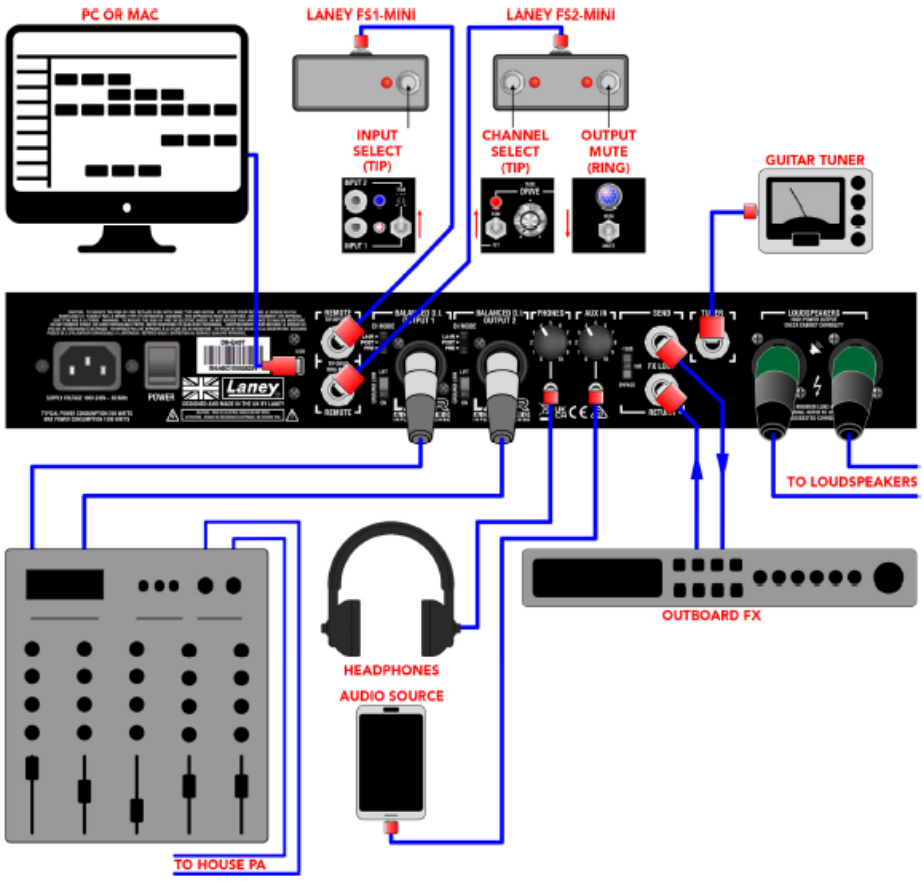
LOUDSPEAKER CONNECTION

Laney recommends our Digbeth series cabinets to compliment the DB-EAST amplifier. Currently available as DBV212, DBV410 and DBV810 options all in 4 ohms for maximum power.

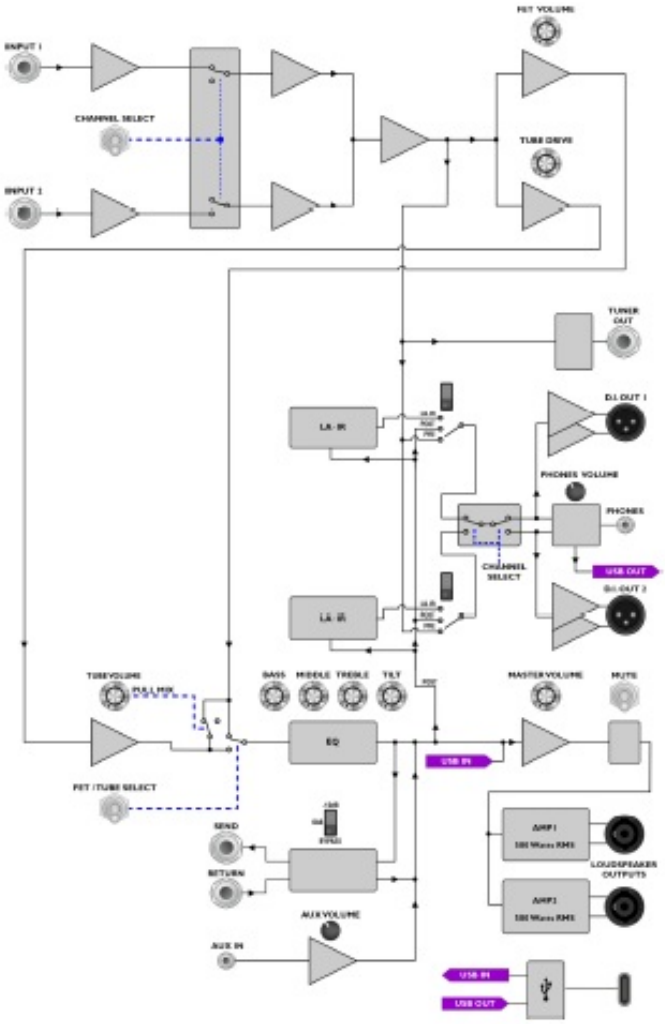
Both speaker outputs work independently, and it is perfectly acceptable to have different cabinets attached to each output or to have one or both outputs unconnected.



ADDITIONAL REAR PANEL CONNECTIONS



BLOCK DIAGRAM



APP

- Through the purchase of your DB-EAST, you have access to Laney's LAPIR app. The app allows you to expand the sound of your DB-EAST even further by switching out the preloaded IRs with your own as well as offering an 8-band parametric EQ for each DI output.
- All this can be done on the fly during practice, so you can hear the change in your sound as you go.
- The app runs on Windows 10/11 and Mac OS.

DOWNLOAD & INSTALLATION
To receive your software, first register your product via the Laney warranty page. On submission of your registration, you will be provided with a download link for the installer – MAC or WINDOWS. A link to download the software will also be forwarded to your email.

WINDOWS
Once downloaded, run the Setup-LAIR_x64.exe found in the downloads folder in file explorer. Follow the installers instructions, accepting the EULA and choosing a suitable location for the install, then press Install to complete.

MAC
Once the .dmg file has been downloaded, drag this into the applications folder to complete the install. Launch the LAPIR app from this folder location from now on.

LA·IR UPDATE
The app will automatically prompt you for an update upon startup should a new version be released. We recommend accepting any updates as they may include new features or bug fixes.

FIRMWARE UPDATE
Similarly, with your DB-EAST connected and powered on, you will be notified if any firmware updates are available. Again, we recommend allowing any updates that come through so as to improve your user experience.

Minor updates may not show as a pop-up so be sure to check the update panel from time to time, where these can be accessed.

USING THE APP

CONNECTING THE DB-EAST
Connecting the DB-EAST is easily done via the included USB C cable. Plug one end into the USB C socket on the back of the head and the other into your computer that has the app downloaded. If your computer only has USB A sockets, don't worry we've included a USB A to C adaptor too.

CHANGING THE IRs
Aside from the two preloaded IRs, the app can be used to swap these out for any of your own IRs. To load your own User IR, click the drop-down box under either cab A/B and select "Import IR" – only .wav files can be used and you should ensure they are 48kHz sample rate. The app will convert your IR into the .Lair file format used internally. Do not worry, your original .wav file will not be deleted. Two of Laney's own DBV410 and DBV212 cab IRs are also included with the app.

It is possible to edit the name of User IRs as well as delete them from the amplifier and the app. To do so, right click on any IRs under the “User” section and press “EDIT” or “DELETE”. The default System IRs cannot be deleted.

WARNING: Deleting a User IR is permanent and cannot be reversed. The only way to get the IR back is to re-import the original .wav file

CHANGING THE GAIN
The gain of each cabinet IR can also be changed individually via the radial control on the right-hand side, should they be too loud/quiet. This gain will be saved to the IR’s .Lair file so will remain when using the amplifier without the app.

Simply drag the slider, or alternatively use your mouse scroll wheel or double click and manually type the gain you want (in dB). Ranges from -40dB to +6dB.

CHANGING THE EQ
The LAPIR app also comes with an 8-band parametric EQ for each DI. 5 different filters are available, paired with easy-to-use controls allowing you to change the gain, frequency and Q factor depending on the filter applied.

WARNING: Any EQ changes will be permanently lost if the app is closed/disconnected without saving

1. **EQ TOGGLE**

   Turn on and off the EQ for both DI's, useful for dry/wet testing.

2. **A+B LINK**

   Link the DI 1+2 EQs to be the same. This will follow the EQ for DI 1 when pressed. Unlinking will revert DI 2 to its previous state.

3. **DI CAB SELECT**

   Choose which DI you want to edit the EQ for. Selected DI is highlighted in black.

4. **BAND CONTROLS**

   The main controls for each EQ band are found here. Turn the band on and off and change the filter you want to apply from the drop-down menu. Choose from peaking, high/low pass, and high/low shelf. Additionally, 3 radial sliders are available to change the gain, centre frequency and Q factor of the filter. The value of each slider can be changed by dragging, using your mouse scroll wheel, or double clicking the number and manually typing in your desired value. Depending on the filter selected, 1or multiple of these controls will be available.

5. **FREQUENCY RESPONSE GRAPH**

   This graph displays the resultant frequency response of all the EQ bands. View your changes live to easily see how your sound will be affected. Additionally, each band is colour coded so you can see which filter is doing what.

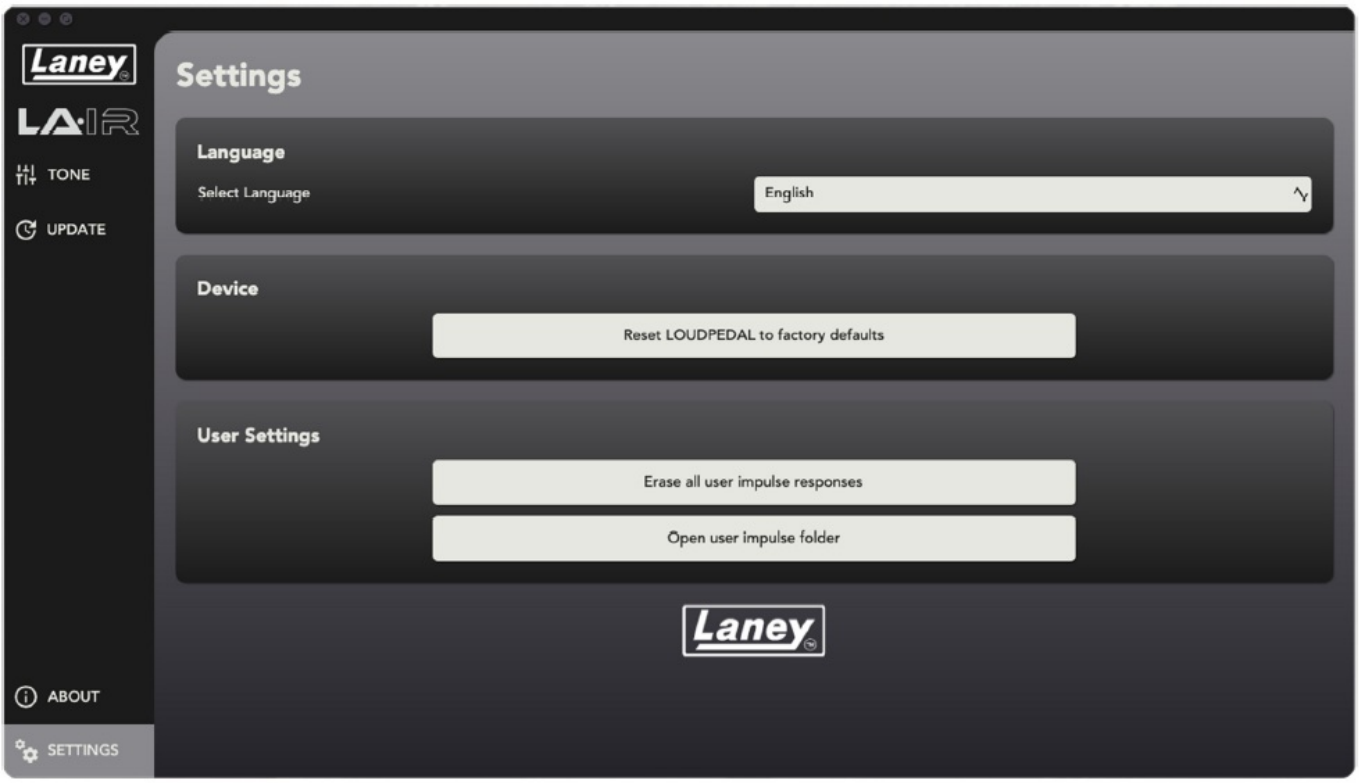
6. **BAND NODE**

   The graph also shows a numbered node representing each band currently active. Showing the current centre frequency and gain, these are draggable to allow for quick and easy changes. For more precise changes we recommend using the band controls (4).

7. **SAVE**

   Press this to save any unsaved changes to the EQs (both A and B), so they can be stored on the pedal and used without the app. Should any unsaved changes be present, this will be visible to alert you that closing the app (or disconnecting the pedal) will lose these changes.

SETTINGS PANEL



- **LANGUAGE**
  Change the language of the LAPIR app to your preferred language.
- **RESET DEVICE**
  This will reset all EQ and gain changes as well as return the IRs back to the default Nathan East ones. This cannot be undone and all changes from the default will be lost.
- **ERASING THE USER IRS**
  Delete all user IRs from the app. These are impossible to get back unless you have the original .wav file to import again so be sure you want to do this. A pop-up warning will show before deleting.
- **OPEN USER IR FOLDER**
  Open the folder where all your imported IRs are stored.

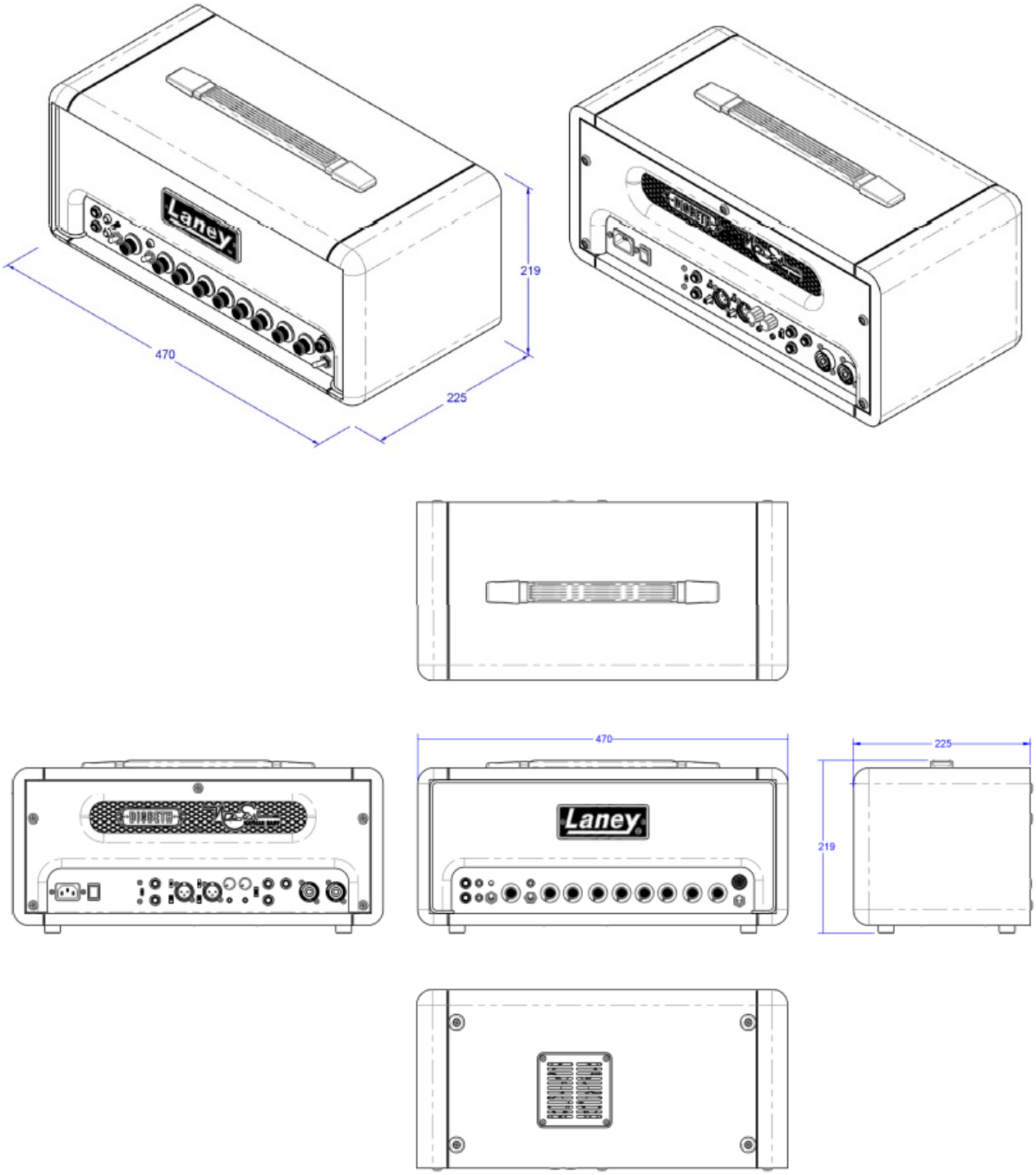
SPECIFICATIONS

Specifications	
Model No	DB-EAST
	Black Country Customs – Digbeth DB-EAST
	Bass amplifier head
	10MΩ
	2 x 500W RMS (minimum 4 ohms each output)
	2 channels, Fet and Tube with mix control (Remote switchable)
	Two instrument inputs, with remote switching ability. Input 2 with additional gain t rim matching control

Name Type	2 x 6.3mm (1/4″) Mono Instrument Input Jack, 6,3mm FX Return Jack, 3.5mm stereo aux in jack with Volume
Input Impedance Amplifier Power	Input selector, Trim control, FET Volume, Fet/Tube Selector, Tube Drive, Tube Volume, Pull FET mix, DI out Pre/Post/LA·IR switch, Phones level, Aux level, Master Volume
Channels	Bass, Middle (with pre-shape voice select), Treble & Tilt control – all with +/- level
Inputs	2 x LA·IR equipped DI Outs following each input, with ground lift
Controls	2 x speakON compatible outputs (6.3mm jack compatible), 6.3mm FX Send, 6.3mm Tuner out, 3.5mm stereo headphone jack with Volume, 2 x XLR DI OUTS, 2 x 6.3mm remote sockets & USB-C speakON® is a registered trademark of Neutrik AG.
EQ	Led's for Channel 1, Channel 2, Pull Mix, Run/Mute Lamp
DI Outputs	Free LA·IR app to load your own IR's and adjust DI EQ.
Outputs Indicators	Internal universal 100-240V~ 50/60Hz, Switched mode power supply. IEC C14 inlet connector
LA·IR	Typical power consumption 250W, Max power consumption 1500W
Power Supply Power Consumption	Robust composite wood construction (15mm MDF)
Main Construction Material	219 x 470 x 225mm, (8.6″ x 18.5″ x 8.9″)
Unit dimensions (HWD)	8.5Kg, (18.7 lbs)
Unit weight Carton dimensions (HWD)	295 x 620 x 300mm, (11.6″ x 24.4″ x 11.8″), 0.055 M3
Packed Weight	11.5Kg, (25.4 lbs)
EAN Code (Single)	5060109459104

NOTE: This is a Class A product. In a domestic environment, this product may cause radio interference. If interference occurs, the user may need to take appropriate measures, such as increasing the distance between the amplifier and affected devices, repositioning the equipment, or using shielding solutions.

DIMENSION (in mm)



SAFETY AND WARNINGS

MANUFACTURER: HEADSTOCK DISTRIBUTION LTD. STEELPARK ROAD, COOMBS WOOD BUSINESS PARK WEST, HALESOWEN, B62 8HD, UK

To take full advantage of your new product and enjoy long and trouble-free performance, please read this owner's manual carefully, and keep it in a safe place for future reference.

1. **Unpacking:** On unpacking your product, please check carefully for any signs of damage that may have occurred whilst in transit from the Laney factory to your dealer. In the unlikely event that there has been damage, please re-pack your unit in its original carton and consult your dealer. We strongly advise you to keep your original transit carton, since in the unlikely event that your unit should develop a fault, you will be able to return it to you dealer for rectification securely packed.

2. **Amplifier Connection:** To avoid damage, generally it is advisable to establish and follow a pattern for turning on and off your system. With all system parts connected, turn on source equipment, mixers, effects processors etc, BEFORE turning on your amplifier. Many products have large transient surges at turn on and off which can cause damage to your speakers. By turning on your amplifier LAST and making sure its level control is set to a minimum, any transients from other equipment should not reach your loudspeakers. Wait till all system parts have stabilised, usually a couple of seconds. Similarly, when turning off your system always turn down the level controls on your amplifier and then turn off its power before turning off other equipment.
3. **Cables:** Never use shielded or microphone cable for any speaker connections as this will not be substantial enough to handle the amplifier load and could cause damage to your complete system. Use good quality shielded cables everywhere else.
4. **Servicing:** The user should not attempt to service these products. Refer all servicing to qualified service personnel.
5. Heed all warnings.
6. Follow all instructions.
7. Do not use this apparatus near water.
8. Clean only with a dry cloth.
9. Do not block any of the ventilation openings. Install in accordance with manufacturer's instructions.
10. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
11. An apparatus with Class I construction shall be connected to a mains socket outlet with a protective connection. 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 third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
12. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point they exit from the apparatus.
13. Only use attachments/accessories provided by the manufacturer.
14. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
15. The mains plug or appliance coupler is used as the disconnect device and shall remain readily operable. The user should allow easy access to any mains plug, mains coupler and mains switch used in conjunction with this unit thus making it readily operable. Unplug this apparatus during lightning storms or when unused for long periods of time.
16. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when 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.
17. Never break off the ground pin. Connect only to a power supply of the type marked on the unit adjacent to the power supply cord.
18. If this product is to be mounted in an equipment rack, rear support should be provided.
19. Note for UK only: If the colours of the wires in the mains lead of this unit do not correspond with the terminals in your plug, proceed as follows:
    - The wire that is coloured green and yellow must be connected to the terminal that is marked by the letter

E, the earth symbol, coloured green or coloured green and yellow.

- The wire that is coloured blue must be connected to the terminal that is marked with the letter N or the colour black.
- The wire that is coloured brown must be connected to the terminal that is marked with the letter L or the colour red.

20. This electrical apparatus should not be exposed to dripping or splashing and care should be taken not to place objects containing liquids, such as vases, upon the apparatus.
21. Exposure to extremely high noise levels may cause a permanent hearing loss. Individuals vary considerably in susceptibility to noise-induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a sufficient time. The U.S. Government's Occupational Safety and Health Administration (OSHA) has specified the following permissible noise level exposures: According to OSHA, any exposure more than the above permissible limits could result in some hearing loss. Earplugs or protectors to the ear canals or over the ears must be worn when operating this amplification system to prevent a permanent hearing loss, if exposure is more than 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.
22. If your appliance features a tilting mechanism or a kickback style cabinet, please use this design feature with caution. Due to the ease with which the amplifier can be moved between straight and tilted back positions, only use the amplifier on a level, stable surface. DO NOT operate the amplifier on a desk, table, shelf or otherwise unsuitable non-stable platform.
23. Symbols & nomenclature used on the product and in the product manuals, intended to alert the operator to areas where extra caution may be necessary, are as follows:

Duration Per Day in Hours	Sound Level dBA, slow response
8	90
6	92
4	95
3	97
2	100
1 ½	102
1	105
½	110
¼ ou inférieur	115

 CAUTION:	Intended to alert the user to the presence of uninsulated 'Dangerous Voltage' within the produ cts enclosure that may be sufficient to constitute a risk of electrical shock to persons.
 WARNING:	Intended to alert the user of the presence of important operating and maintenance (Servicing) instructions in the literature accompanying the product.

CAUTION: Risk of electrical shock – DO NOT OPEN. To reduce the risk of electrical shock, do not remove the c over. No user serviceable parts inside. Refer servicing to qualified personnel.	
WARNING: To prevent electrical shock or fire hazard, do not expose this appliance to rain or moisture. Before u sing this appliance, please read the operating instructions for further warnings.	
	This device complies with Part 15 of the FCC rules Operation is subject to the following two conditions: 1. This device may not cause harmful interference. 2. This device must accept any interference received, that may cause undesired operation. **Warning:** Changes or modification to the equipment not approved by Laney can void the user's authority to use the equipment. **Note:** This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonabl e protection against harmful interference in a residential installation. This equipment generate s, uses and can radiate radio frequency energy and if not installed and used in accordance wit h the instructions, may cause harmful interference to radio communications. However, there i s no guarantee that interference will not occur in a particular installation. If this equipment doe s cause harmful interference to radio or television reception, which can be determined by turni ng the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures. Reorient or relocate the receiving antenna. Increase the s eparation between the equipment and receiver. Connect the equipment into an outlet on a cir cuit different from that to which the receiver is connected. Consult the dealer or an experience d radio/TV technician for help.
	This product conforms to the requirements of the following European Regulations, Directives & Rules: CE Mark (93/68/EEC), Low Voltage (2014/35/EU), EMC (2014/30/EU), RoHS (2011/ 65/EU), ErP (2009/125/EU) SIMPLIFIED EU DECLARATION OF CONFORMITY Full text of the EU declaration of conformity is available at the following internet address: **http://support.laney.co.uk/approvals**
	The object of the declaration described above is in conformity with the relevant statutory requi rement Electrical Equipment (Safety) Regulations 2016, Electromagnetic Compatibility Regul ations 2016, The Restriction of the use of Certain Hazardous Substances in Electrical and Ele ctronic Equipment Regulations 2012, The Ecodesign for Energy-Related Products and Energ y Information, (Amendment) (EU Exit) Regulations 2012
	In order to reduce environmental damage, at the end of its useful life, this product must not be disposed of along with normal household waste to landfill sites. It must be taken to an approv ed recycling centre according to the recommendations of the WEEE (Waste Electrical and Ele ctronic Equipment) directive applicable in your country.

- LANEY ELECTRONICS LTD.
- STEELPARK ROAD, COOMBSWOOD BUSINESS PARK WEST, HALESOWEN, B62 8HD. UK

- FOR THE LATEST INFORMATION PLEASE VISIT WWW.LANEY.CO.UK
- IN THE INTEREST OF CONTINUED DEVELOPMENT, LANEY RESERVES THE RIGHT TO AMEND PRODUCT SPECIFICATION WITHOUT PRIOR NOTIFICATION.

FAQ

- **Q: How do I switch between inputs on the amplifier?**
  - A: You can switch between inputs either using the front panel controls or by connecting a footswitch to the designated socket on the back of the amplifier.
- **Q: Can I use the LAIR APP to adjust cabinet IR and EQ settings?**
  - A: Yes, the DB$EAST features LAIR equipped DI outs that allow you to adjust cabinet IR and EQ settings via the free LAIR APP, providing flexibility in sound customization.

Documents / Resources

	Laney DB-EAST Nathan East Signature Amplifiter [pdf] User Manual BCC-DB-EAST, DB-EAST Nathan East Signature Amplifiter, DB-EAST, Nathan East Signature Amplifiter, East Signature Amplifiter, Signature Amplifiter, Amplifiter

References

- Laney Amplification - Since 1967
- User Manual