



**8XA**

**USER MANUAL**

## FCC Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are

designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Warning Statements:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.

## ISED Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) L' appareil ne doit pas produire de brouillage;
- (2) L' appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d' en compromettre le fonctionnement.

Radio Frequency Exposure Statement for IC

This equipment complies with IC exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.

Cet équipement est conforme aux limites d'exposition IC définies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20cm entre le radiateur et la carrosserie.

# 1: GETTING STARTED

## Introduction

Thank you for choosing the 8AUDIO 8XA amplifier, and welcome to the world of 8AUDIO!

This powerful, compact, and robust amplifier offers a perfect combination of connectivity and flexibility, all in an easy-to-use design. We are confident that you will be impressed by its power output and audio quality, and we sincerely hope that you enjoy its flawless performance for many years to come. Please take the time to read through this manual to ensure that you get the best possible performance from your 8AUDIO 8XA amplifier.

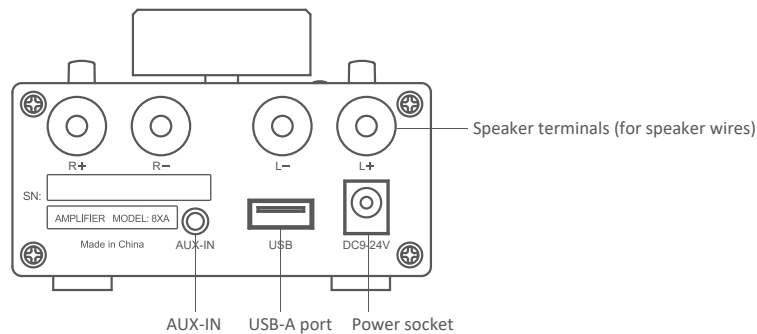
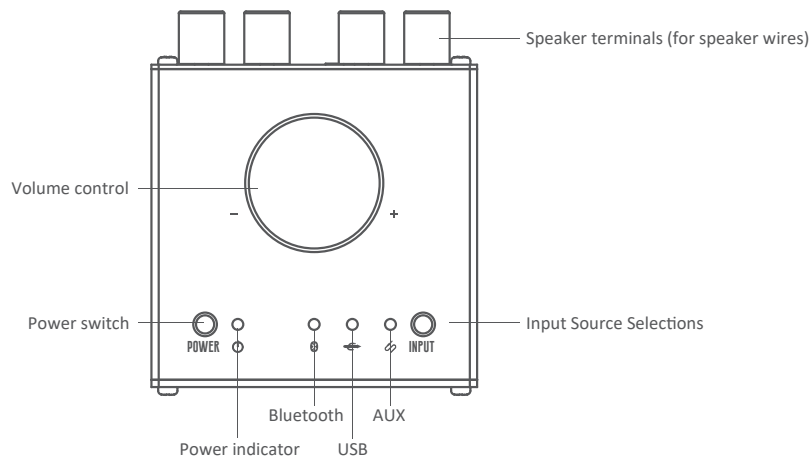
## Key Features

- Bluetooth 5.0 receiver - connect easily to smartphones, tablets and Bluetooth transmitting devices!
- Aux (3.5mm jack) input - connect any line-level source (such as the headphone output of personal music players, CD players and hi-fi components)
- USB HDD input - playback music files stored on USB memory sticks or hard disk devices
- PC USB input - connect directly to your PC or Mac to play high-quality audio via USB connection
- 2 x 50w power output - high power, hi-fi sound for your speakers!

## What's in the box?

- 1 x 8AUDIO 8XA amplifier
- 1 x RCA to 3.5mm AUX cable (for CD players, hi-fi components or line-level devices)
- 1 x USB type A cable (for PC or Mac connection)
- 1 x 3.5mm to 3.5mm cable (for headphone output connection from personal audio players, phones or tablets)
- 1 x Power adapter and cable

## 2: CONTROLS AND CONNECTIONS



## 3: HOW TO USE THE 8XA AMPLIFIER

To get started, connect the power cable to the 8AUDIO 8XA amplifier and plug it into your mains power supply.

Next, you need to connect your speakers to the amplifier. You can use standard speaker cable, which should be cut to size. One length of cable is required for each speaker (left and right). Connect the cable to the speaker terminals and secure it by tightening the terminals. Then, connect the opposite end of the cable to your speakers.

Once the speakers are connected and secure, you can power on the 8XA device by pressing the power switch. However, make sure that the volume knob is turned down low to prevent any loud signal upon initial connection. You can turn up the volume later as per your requirement.

After powering on the device, you can choose your input selection by pressing the 'INPUT' button. This will cycle through the input options on the 8XA amplifier. The LED will indicate which source you currently have selected.

### Bluetooth (default option)

To play music wirelessly on the 8AUDIO 8XA, you need a Bluetooth-enabled device such as a smartphone, tablet, or computer.

The Bluetooth input is active by default. However, if you have multiple inputs connected to the 8XA, select the Bluetooth input by pressing the 'INPUT' button until the corresponding Bluetooth Input LED is illuminated.

Before connecting your device, make sure that no other Bluetooth device is connected to your phone, tablet or computer. If any device is connected, disconnect or switch it off. Search for available Bluetooth devices on your chosen device. Select the 8AUDIO 8XA from the available devices and it will automatically pair to your device. You can also disconnect from the 8XA via the Bluetooth device menus on your device.

The 8XA will appear as connected in the Bluetooth device menu of your device when set-up is complete. You can now play music on your device, and it will be wirelessly transmitted to the 8XA.

\*Note: you should ensure that the volume control of your device is not muted or too low to hear. You can control the volume on your device and the 8XA, so adjust the volume to your personal preference.

## AUX-IN

You can connect any line-level audio device to the 8XA. This could be a CD Player or the headphone output of any audio device, such as a personal music player, phone or even a television. The Aux input can only be selected when a device is connected. Use the input selection to cycle to the AUX input. The LED indicator will be illuminated when a connection is present, and the input is selected.

Connect the AUX cable to your source device. There's a choice of two cables included, so select the appropriate cable for your music source and connect the 3.5mm jack to the AUX input on the rear of the 8XA amplifier.

You can then simply play music on your device and control the volume on the 8XA directly.

## PC or Mac USB

You can play music directly from your PC or Mac via USB.

Connect your PC or Mac to the 8XA with the included USB cable. Navigate your sound/output menus on your PC or Mac and select the 8XA as the output device. Now, when you play music on your chosen program on your PC or Mac, the signal will play via the 8XA. You can control the volume on your PC or Mac application and on the 8XA, so just adjust the volume to your taste and requirements.

## USB HDD

The USB-A port also supports playback from compatible USB memory sticks or HDD devices.

\*The device needs to be formatted to FAT32/exFAT with a single partition, and a maximum size of 1TB. The 8XA will playback files in the format of MP3, WMA, FLAC, APE, WAV with a sample rate of 8-48KHz.

Simply connect your USB device directly to the 8XA. The 8XA will read your files, this could take a few seconds depending on the size of your HDD device. You can use the volume control knob to increase or decrease the volume. Press the volume control to start/stop playing. To skip between tracks, hold the volume control for 2 seconds and rotate forwards or backwards to skip to the next or previous track. Press the volume control once more to resume playback.

\*Note: the input switch will only offer the AUX or USB input options if an AUX/USB cable is inserted. Otherwise, Bluetooth will be the default input option.

# 4: SPECIFICATIONS



Model	8XA
General	
Power output:	2 x 50W(4ohm) @24V3A 2 x 17W(8ohm) @18V3A Input options: Bluetooth, AUX inputs (3.5mm and RCA)
THD	0.04% @ 0dbFS, 1kHz (Bluetooth) 0.7% @ 0dbFS, 1kHz (USB) 0.3% @500Vrms, 1kHz (AUX)
Packing	
Net weight	0.35kg
Dimensions (mm) (W x H x D)	114 x 90 x 60mm
Finish	Black
Power requirements	100-240V, 50/60Hz
Included accessories	Power adapter, USB A-A cable, AUX cable, RCA to AUX cable, User Manual

## 5: TROUBLESHOOTING

### **What type of speakers can I use?**

The 8Audio 8XA is compatible with any passive speaker that accepts speaker cable or uses bare-wire terminals.

### **My speakers need to be further apart, can I use more cable?**

Yes! Any standard speaker cable will work with the 8XA. (Sold separately)

### **My sources are too far away, can I use a longer cable?**

Yes! Longer cables can be used (sold separately). Just make sure you match the connections of the supplied cables and your devices.

### **Is any indication to confirm that Bluetooth is connected?**

Yes! There will be a sound when the unit connects connected to a Bluetooth device. The LED indicator will illuminate and you will be able to see the 8XA is 'connected' in your smart device's menu (Your phone, tablet or computer for example)

### **There is no sound, what can I do?**

- Make sure the 8XA is powered on and that the speakers are connected correctly.
- Make sure the correct input is selected by making sure the LED indicator matches the input connections and source being used.
- Make sure the volume control of the 8XA is not at the minimum. Slowly turn the volume up on the 8XA, if it is too low.
- Make sure the source device is not muted, gently and slowly turn the volume up on your device to check in case of a low-level signal from your source.
- In the case of Bluetooth device playback, please make sure the 8XA is showing as 'connected' in your device's menu. If not, follow the steps in the manual to assist with the connection. Usually, another device is connected or the 8XA is already connected to another smartphone or tablet; simply disconnect and follow the connection steps again.
- In the case of Bluetooth / PC / Mac USB connection; make sure the volume is not muted or too low in your playback app.



- In the case of Aux input; check that you are connecting from the Aux or Line output of your hi-fi separatres and check the output signal or volume is not muted or too low.
- In the case of 3.5mm Aux input from personal music players, headphone outputs etc; make sure the volume control is not muted or too low.
- In the case of PC or Mac USB connection; check that no other audio device or soundcard is currently active, in your sound preferences. Make sure the 8XA is selected as the output device and make sure that your volume is not muted or too low, on your computer.
- In the case of USB HDD; check that your device and file formats meet the requirements as outlined in the manual and specifications. The 8XA cannot play incompatible files, so try skipping forwards through your files in case one file is not compatible.

## **The sound is distorted**

The 8XA is designed to high-quality, hi-fi standards and has been subject to in-depth hi-fi testing standards. Any distortion or bad sound is likely to be down to the source or the source material.

The sound can distort if the input level is too high, so try to reduce the volume of the input (i.e. turn down the volume on your phone or headphone output of any connected device).

Try to avoid using the 8XA at maximum volume, if the input source is also maximum volume. The limits of digital signals mean the waveforms will become distorted and you risk overdriving your speakers. You'll know if this is happening if it sounds very bad at loud volumes. If this is the case, turn everything down a little and enjoy the sound quality at a more reasonable volume.

For more Q&As and troubleshooting, please visit [8audio.co.uk](http://8audio.co.uk) or contact the seller from where you purchased the unit.

## 6: WARRANTY

Please register your product within ninety (90) calendar days from the date of purchase. Visit <https://www.8audio.co.uk/> to complete your online registration.

All new products will have a Limited Warranty for one (1) year, or for the period of your country's statutory warranty, whichever is longer.

Warranty can only be offered to products registered with proof of purchase with date, model and details of the authorised dealer clearly stated on the receipt/invoice. Please keep the original receipt/invoice in case it is required for a warranty claim.

This Limited Warranty is non-transferable and is offered exclusively to the original owner.

This Limited Warranty is valid only in the original country of purchase.

Repairs or replacements provided under this warranty are the exclusive remedy of the consumer. 8AUDIO shall not be liable for any incidental or consequential damages for breach of any expenses or implied warranty with any product. Except to the extent prohibited by law, this warranty is exclusive and in lieu of all other warranties whatsoever, both expressed and implied, including but not limited to the warrant of merchantability and fitness for practical purpose.

This warranty provides benefits that are additional to and do not affect your statutory consumer rights.

This Limited Warranty offer is subject to correct information being submitted in your application. Incorrect dates or mismatched purchase receipt dates that are outside of the warranty terms will immediately invalidate any warranty claim.

\* Please check with your dealer or local distributor for further information.

\* Exclusions apply. Only models included in the option for registration are subject to the (1) year extended warranty programme. Your statutory rights are not affected.

We reserve the right to revise the terms and conditions of this warranty. All warranty offers are subject to the latest terms. All and any updates will be applied to the Terms and Conditions on our website.

## Exclusions

The following items are excluded from the warranty:

- Normal wear and tear and cosmetic damage (including but not limited to any wear from reasonable use, environmental deterioration or neglect)
- Products on which the serial number has been removed, altered or otherwise made illegible.
- Products not purchased from an authorised 8AUDIO dealer.
- Products that were not new at the time of original purchase.
- Products sold 'as is', 'as seen' or 'with faults'
- Product not purchased from an Authorised Dealer/Distributor within the region of the claim (i.e. parallel imports or grey market products)
- Accidental damage or faults caused by commercial use, acts of God, incorrect installation, incorrect connection, incorrect packaging, misuse or careless operation or handling which is not in accordance with the user instructions.
- Equipment that has been operated in conjunction with unsuitable, inappropriate or faulty apparatus.
- Repairs, alterations or modifications carried out by parties other than 8AUDIO or its authorised service partners.
- Damage in transit that cannot be attributable to the fault of 8AUDIO, the authorised distributor or dealer (i.e. claims otherwise covered by transit insurance.)
- Faults relating to abnormal or inappropriate power supply voltage or power surges.
- Faults relating to extremities in temperature, exposure to heat, water or other liquids, insects, excessive moisture, sand, chemicals, battery leakage or any other contaminants.
- Any force majeure events, including but not limited to any acts of God, fire, lightning, typhoon, storm, earthquake, hurricane, natural disaster, tsunami, flood, war, riot or public disturbance.
- Any other causes beyond the reasonable control of either the manufacturer or its Authorised Distributor.

Please note items purchased before 1st Jan 2021 are not eligible for the extended warranty claim.

Please note certain models are not included in the extended warranty programme. Please contact us for any questions relating to excluded models. Your statutory rights are not affected.

## How to Claim

To obtain warranty service, please contact the authorised dealer from which you purchased this product and present the limited warranty certificate offered upon registration of your product's extended warranty offer.

Do not dispatch goods without the prior agreement of the dealer distributor or authorised service centre.

If asked to return products for inspection and or repair, please pack carefully preferably in the original carton or packaging affording an equal degree of protection and return via an insured, trackable courier service.

The authorised dealer or distributor will offer full return details and instructions. However, please note if unsuitable packaging is used the warranty may be deemed void due to improper action in return.

The manufacturer or the authorised distributor, dealer or service centre may make a charge for the supply of new packaging for the return of the repaired item. Please note, insurance is recommended as goods are returned at the owner's risk. Authorised distributors or service centres cannot be held liable for loss or damage in transit. Insurance and freight charges on the return journey will be paid for by the manufacturer, authorised dealer, distributor or service centre if corrective work proves to be necessary.

In the event of 'no-fault found' or 'no repair necessary', the return shipping charge will be the responsibility of the owner.

## Repairs

All repairs will be carried out by the appointed distributor (or locally appointed service centre). Repairs handled or processed without authorisation or approval of the appointed representative will be excluded from this limited warranty. Please note that the manufacturer is not able to supply parts or replacement items to any other entity than the official distributor or authorised service centre.

Other than the warranty and services set out in this warranty, to the fullest extent permitted by law, the manufacturer shall not be liable to you and/or any third party or entity whatsoever for:

- Any loss, damages and/or malfunction caused to any product(s) which is/are connected to any of the products covered by this warranty.
- Any damages, loss or liability, whether direct, indirect, incidental, consequential special, punitive or otherwise, howsoever caused by, arising out of or otherwise, in relation to the installation, delivery, use, service, repair, replacement and/or maintenance of the product;
- Any damages, loss and liability under this warranty in respect of any act, omission, or negligence of any of their technicians, employees, agents, representatives or independent contractors relating to the actual or purported performance of any of the obligations under this warranty.

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