Blue 1

Hi-Fi System

INDEX

Safety Instructions

Blue 1

This Hi-Fi system is made of metal and plastic. Please take care when unpacking the system to avoid scratching or indenting the material.

IMPORTANT – The unit will become hot when in use. Do not place in an enclosed area such as a bookcase or in a cabinet without sufficient ventilation.

CAUTION

RISK OF ELECTRIC SHOCK - **DO NOT OPEN!**

WARNING: SHOCK HAZARD-DO NOT OPEN.
AVIS: RISQUE DE CHOC ELECTRIQUE-NE PAS OUVRIR.

Ensure that small objects do not fall through any ventilation grille. If this happens, switch off immediately, disconnect from the mains supply and contact your dealer for advice.

Warning: The AC Input connector is used as a safety disconnect device. It must be easily accessible after installation.

This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.

This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.
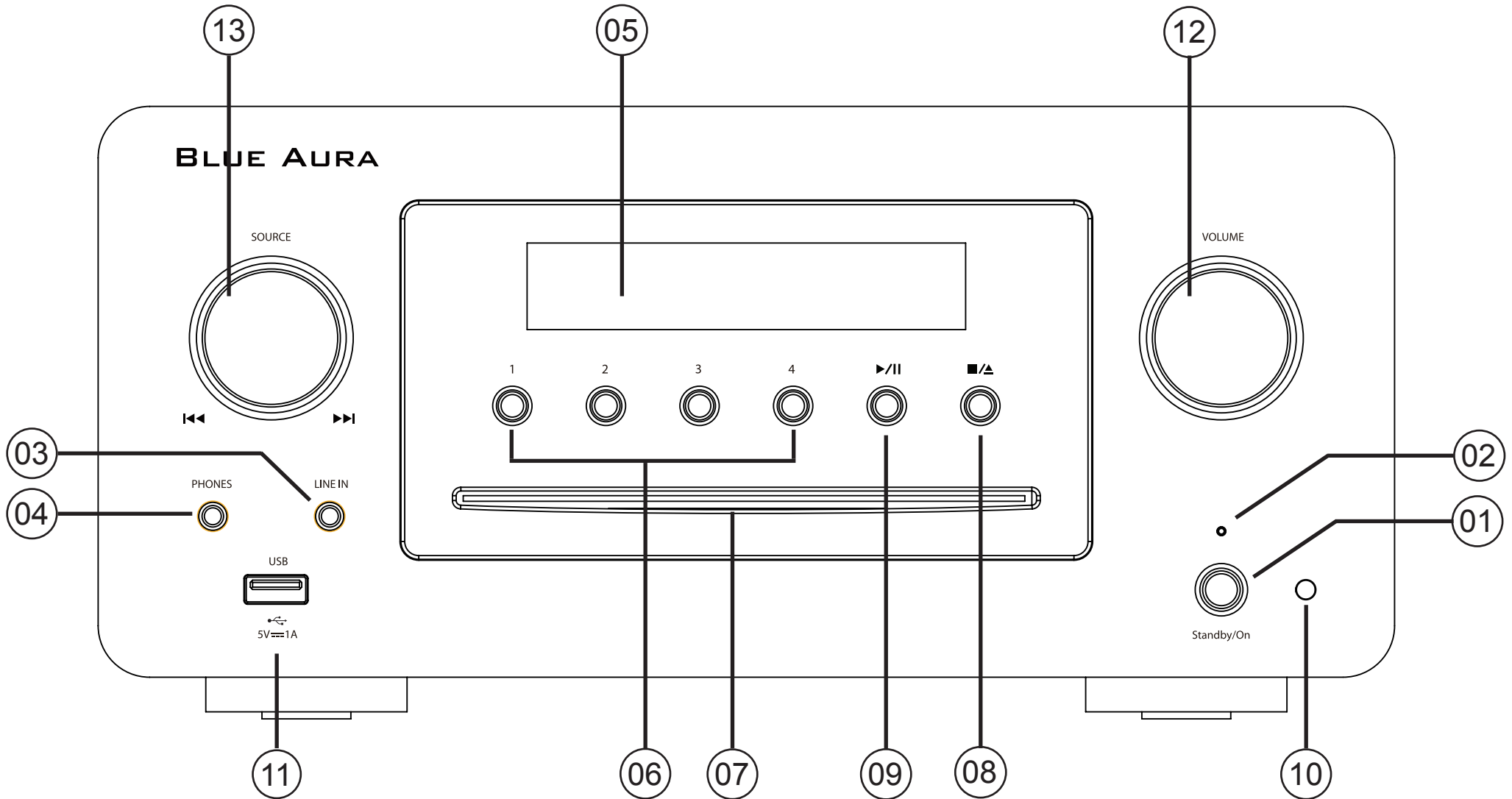
Correct disposal of this product:
This marking indicates that this product should not be disposed of with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

BLUE AURA
www.blueaura.co.uk

Blue 1

BLUE AURA

SOURCE

VOLUME

1   2   3   4   ▶/II   ■/⏏

PHONES   LINE IN

USB

⟷
5V⎓1A

Standby/On

13
05
12
03
02
04
01
11
06   07   09   08   10

01. Turn On/Off

By pressing this button, Blue 1 will switch between standby mode (indicated by the LED indicator in RED) and on (indicated by the LED indicator in Green)

02. LED Indicator

This LED indicator will show 2 possible status:
a. LED in Green, Blue 1 is turned on and ready to use
b. LED in Red, Blue 1 is in standby mode.

03. Line In

3.5mm stereo input for music player

04. PHONES

3.5mm stereo output for headphones. When plugged-in, the speaker output will be muted. Turn down the volume before connecting headphones

05. Display

The following information will be shown on the display
  a. Input selected
   *CD: CD player
   *BT: Bluetooth input
   *DAB INPUT: Select DAB/DAB+ Station
   *FM INPUT: Select FM Station
   *AUX 1/2: Other Analog Audio inputs
   *DIGITAL OPT, DIGITAL COAX: Digital inputs
   *LINE IN: Front panel 3.5mm stereo inputs
   *USB: Playback from USB drive
  b. Volume
  c. FM Radio station and DAB station
  d. CD/USB track name and playback time status

06. Presets

Blue 1 can store up to 40 presets for each of the FM and DAB bands. All preset bands are available from the front panel (presets 1-4), or from the remote control. Press and hold the appropriate button to store the presets. Press the button to access the stored presets

07. CD Disc Slot

Blue 1 supports Audio CD's, MP3 files and WMA files played from CD, CD-R or CD-RW discs. Disc can be inserted into Blue 1 in any mode (except standby mode.). Insert the CD with label up

08. Stop/Eject

Stop CD playing or eject the CD from Blue 1

09. Play/Pause

Plays and pauses playback tracks

10. IR (infrared sensor)

Plays and pauses playback tracks

11. USB drive socket

Allow Blue 1 to play MP3, WAV, AAC files by using a USB drive

12. Volume Control Dial

Adjust the playback volume

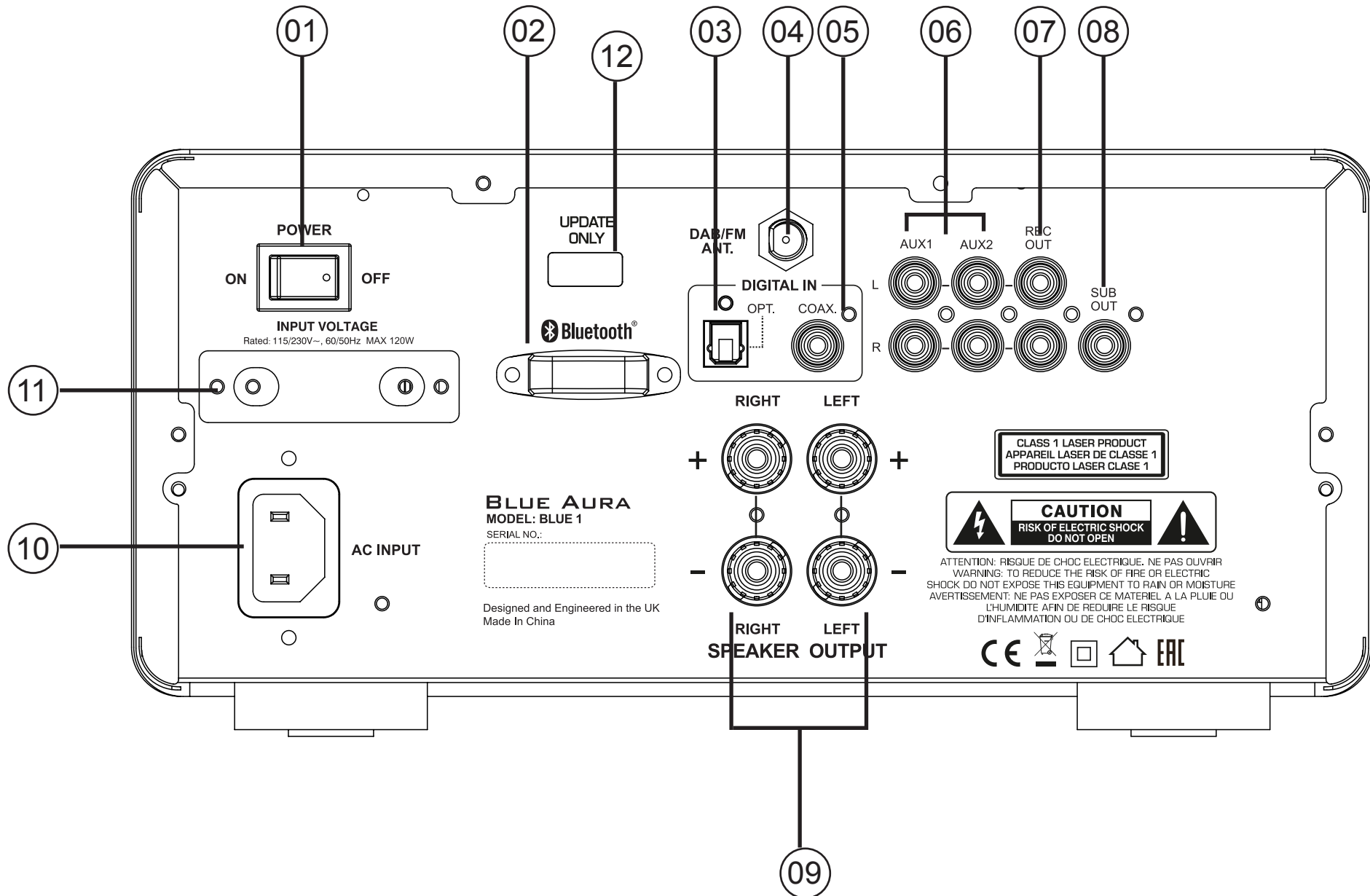## 13. Multi-Functional Dial

Turn left/right and hold: For skipping between tracks
Press and turn, changing different audio sources

BLUE AURA
www.blueaura.co.uk

Blue 1

01 02 12 03 04 05 06 07 08

POWER

ON OFF

INPUT VOLTAGE
Rated: 115/230V~, 60/50Hz MAX 120W

11

10

AC INPUT

UPDATE ONLY

Bluetooth®

DAB/FM ANT.

DIGITAL IN
OPT. COAX.

RIGHT LEFT

AUX1 AUX2

REC OUT

L

R

SUB OUT

BLUE AURA
MODEL: BLUE 1
SERIAL NO.:

Designed and Engineered in the UK
Made In China

+ +

- -

RIGHT LEFT
SPEAKER OUTPUT

CLASS 1 LASER PRODUCT
APPAREIL LASER DE CLASSE 1
PRODUCTO LASER CLASE 1

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

ATTENTION: RISQUE DE CHOC ELECTRIQUE. NE PAS OUVRIR
WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC
SHOCK DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE
AVERTISSEMENT: NE PAS EXPOSER CE MATERIEL A LA PLUIE OU
L'HUMIDITE AFIN DE REDUIRE LE RISQUE
D'INFLAMMATION OU DE CHOC ELECTRIQUE

09

01. Main Switch

Turn on/off Blue1

02. Bluetooth Antenna

For Bluetooth wireless streaming audio from most mobile devices

03. Digital Input-Toslink Optical

Use a high quality TOSLINK fiber optical inter-connect cable. This input is suitable for 16-24 bit/96kHz content.

04. DAB/FM Aerial Input

An aerial is supplied in the box. Attach the aerial and adjust for optimum reception

05. Digital Input-S/P DIF COAXIAL

Use a high-quality digital RCA Phono inter-connect cable. This input is suitable for 16-24 bit/192kHz content

06. Aux Input

These inputs are suitable for line level source equipment

07. REC Out

This output is suitable for line level input equipment for audio recording

08. SUB Out

This output is for optional connection to an active subwoofer

09. Speaker terminals

Connect the speaker wires from your right channel loudspeaker to the Right + & - terminals and the wires from the left channel loudspeaker to the Left + & - terminals. Please ensure that all speaker wires are properly inserted to provide a solid electrical connection. If the connections are loose, it could affect the sound quality

10. AC power socket

Plug the AC power cable into an appropriate mains socket once you have completed all connections to the Blue 1. You now are ready to enjoy the music
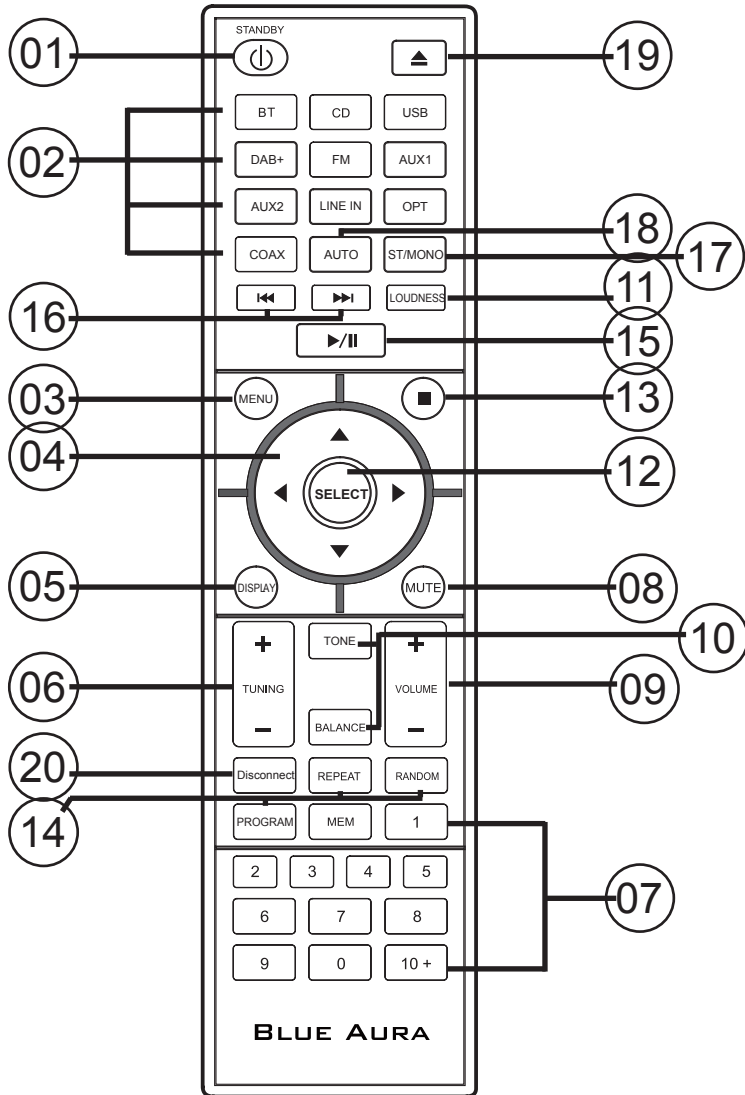
11. Voltage Switch

Change input voltage when needed. To use this switch, you must turn off Blue 1 and remove the AC power cable. CAUTION! Wrong input voltage could damage the unit.

12. Update Only

This port is intended exclusively for system updates. (Do not insert USB drive to this port.)

Remote Control

Blue 1

01. STANDBY/ON

By pressing this button, Blue 1 will switch between standby mode (indicated by the LED indicator in RED) and ON (indicated by the LED indicator in Green).

02. Input Selects

By pressing these buttons, Blue 1 will switch between different inputs

03. MENU

Press to access the main menu, using ◄ ► ▲ ▼ (04) to navigate. Press SELECT (12) to confirm your setup

05. DISPLAY

CD MODE: Display the CD text or ID3 tag (if supported by the CD)
Tuner MODE: Display Tuner information
DAB MODE: Display DAB station information
Bluetooth MODE: Display paired equipment ID, ID3 track information and current track title. Pressing this button in Bluetooth mode will show ID3 information in following sequence: Title, Performer, Album, no display

06. TUNING

FM MODE:
   Press and hold: Searches for the next station (Automatic search)
   Brief press: Changes the receiving frequency in 50kHz increments (FM) (Manual search)
DAB MODE:
   Press + to select the next station, press – to select the previous station in the DAB band

07. Numerical Buttons

FM MODE: Direct selection of a preset station
CD MODE: Direct selection of a track

08. MUTE

Switches the sound off, press again to turn on

09. VOLUME

Press + to increase the volume, press – to decrease the volume

10. TONE/BAL

TREBLE (TONE pressed once):
The treble setting can be adjusted up or down in 7 steps. Use the ▲ and ▼ buttons to adjust the value

BASS (TONE pressed twice):
Bass setting can be adjusted up or down in 7 steps. Use the ▲and▼ buttons to adjust the value
BALANCE:
The stereo balance can be adjusted to the right or left in 10 steps. Use the ◄◄ and ►► buttons to adjust the value

11. LOUDNESS

Press for the Loudness function (aurally compensated volume correction)

12. SELECT

Press to confirm the entry

13. STOP

Press to stop the CD playing

14. CD CONTROL: PROGRAM/RANDOM/REPEAT

PROGRAM
The Stop mode must be activated to program tracks
Programming tracks on a CD in a particular order

RANDOM
Plays the tracks of a CD in random order

REPEAT
Track/CD repeat playback (repeat function):
*Press once: The current track is repeated
*Press twice: The entire CD is repeated
*Press again: The repeat function is deactivated

15. PLAY/PAUSE

Starts or pauses the playback from a CD/Track

16. SKIP BACKWARDS/SKIP

Press I◄◄ , playback starts at the beginning of the previous track
Press ►►I, Playback starts at the beginning of the next track

17. ST/MONO (in FM MODE only)

Switches between FM-Stereo and FM-Mono for FM stations
In stereo mode, the system will automatically switch to mono reception when the signal is weak in order to improve signal-to-noise ratios
Stereo reception is indicated by the "ST" Symbol in the display

18. AUTO (DAB MODE only)

Press to scan the DAB frequency range (band III) for stations. These can then be accessed via the TUNING buttons

19. EJECT

Stop CD playing and eject the CD

20. Disconnect (Bluetooth)

Stop an existing Bluetooth connection and starts the pairing mode

Operating Instructions

Before Operation

Place the Blue 1 on an even surface. IMPORTANT: Do not place any objects on top of the Blue1. The ventilation slots located on top of the device must be unobstructed at all times.

Connections

• Speaker connections
Make sure correct polarity is maintained at each speaker connector or the sound can become weak. The red coloured speaker terminals are positive (+) and the black speaker terminals are negative (-).
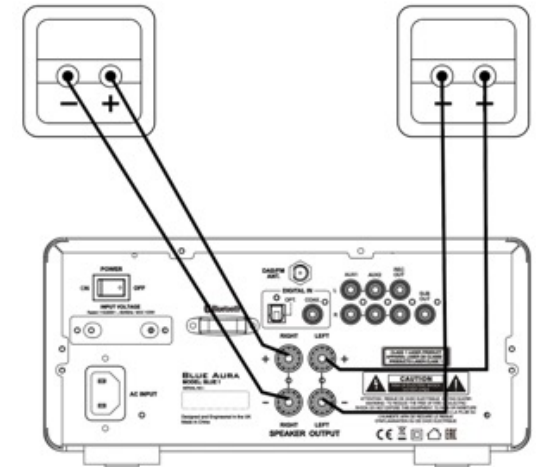Note: All connections are made using standard loudspeaker cable. Loosen the terminal screws one after the other and insert the stripped ends into the holes. Re-tighten the terminal screws.
You can also use prefabricated cables with 4mm banana plugs (If using 4mm plugs, the safety plugs must be removed from the loudspeaker connection terminals) or forked fittings. Also observe the operating instructions for the speakers you are using.

• Sub out

If an active subwoofer is used, connect via a standard single RCA/phono cable (often referred to as a 'Sub-Link')

• Connect your audio sources.
• Connect the DAB/FM antenna to the antenna connection point at the rear of the device. For later operation, the position of the antenna should then be determined according to where the best reception is. The end of antenna should then be secured in the appropriate position.
  Reception can be improved by a suitable indoor or outdoor household antenna if the reception is poor.
• Connect the supplied mains cable to the rear and then insert the other end into a socket.
• Actuate the on/off switch on the rear side, the device is now in the standby mode.
• Switch on the device using the remote control or with the ON/STBY key on the front.
• Select your desired audio source using the input selector switch (press then turn left or right) or with the keys on the remote control.

Operating Instructions-Menu

Blue 1

The Blue1's menu

The tone and further parameters may be adjusted via a menu.
• The menu is launched with the MENU key on the remote control
• The menu may be navigated and settings changed with the keys◄◄,►►,▲and▼on the remote control
• The individual menu items may be confirmed with the SELECT key on the remote control

The following settings are possible:
Bass adjustment:
Select BASS in the menu. Bass playback may be ramped either up or down in 7 steps.
Treble adjustment:
Select TREBLE in the menu. The treble setting may be ramped either up or down in 7 steps
Balance adjustment:
Select BALANCE in the menu. The stereo balance may be adjusted either to the right or left in ten steps
Loudness (aurally compensated volume correction):
Select LOUDNESS in the menu. The function may now be activated or deactivated
Auto standby function:
The unit has an auto standby function that automatically switches the device to standby mode around 3 1/2 hours after the last time it was operated (via the controls on the unit or via the remote control). This function implements an EU energy-saving regulation (1275/2008 EC), reducing power consumption if the device is accidentally left turned on after use.
Select APO SETTING in the menu. The function can now be activated or deactivated. When leaving the factory, the function is activated
Sleep function:
This function enables you to set a time after which the device will switch off automatically and change to the standby mode. The time can be set between 5 and 240 minutes by using the ▲and▼ buttons. After exiting the menu, the active Sleep function is permanently indicated by a symbol at the bottom right of the display.
System information:
Select SYSTEM INFO in the menu. The individual firmware versions of the device can be displayed for servicepurposesbypressingthe◄◄and►►buttons.
Reset:
The RESET menu item will restore the basic settings (clear all station presets, set all tone controls to 0, disable loudness function and sleep timer, auto standby on).

E&OE NOV21

Bluetooth

Blue1 has a built-in Bluetooth receiver, this allows the Blue 1 to receive wireless Bluetooth audio from most smart phones/tablets and laptops. Please select Bluetooth input, If a connection has not already been made or connection cannot be re-established, the Blue 1 will automatically activate the "pairing mode", BT will flash on the display. Now activate the Bluetooth mode on your source device.
The Blue1 will appear in the list of Bluetooth devices as Blue1. If it is not displayed in the list, set your source device to search for Bluetooth devices manually and make sure that the Blue1 has been switched to the pairing mode.
Depending on the source device, you may be asked whether the password is to be accepted during the pairing procedure. You can confirm this by simply pressing accept. If you are still asked for a password, use the default passwords „0000" or „1234". When the device has been paired and connected successfully the „BT" indicator will illuminate continuously.

Preset memory

The device is equipped with two independent PRESET memories for FM and DAB stations. Each memory can store up to 40 stations.
Storing stations:
Set the desired DAB or FM stations using the TUNING buttons on the unit or via the remote control.
• Select the desired storage location by holding down the corresponding key on the numeric keypad.
• In the case of two-digit storage location numbers (10 – 40), the +10 key first has to be pressed for a longer time and the desired digits then entered.
• Successful storage is confirmed on the display with the appearance of STORED PRESET. In the first line, the storage location number is played permanently before the station frequency.
Select a station from the list of stations:
Select the desired storage location via the numerical keyboard (by pressing briefly).

RDS (RADIO DATA SYSTEM)- function of the tuner(FM only)

RDS is a system which provides information about FM stations that is broadcast together with the station 's signal. The Blue1 can present this information (about the station, broadcast, etc.) in the display.
The RDS information can be retrieved by repeatedly pressing the DISPLAY button (remote control) in the following order:
• PS (Program Service Name): Displays the name of the program.
• RT (Radio Text):Shows station information and messages.
• PTY (Program Type): Displays the type of program.
• Time/Date
If one of these functions is not supported despite reception of an RDS signal, "N/A" will appear in the display.

DAB FUNCTIONS OF THE TUNERS (DAB ONLY)

The DAB transmission system provides further data and information that can be accessed via the DISPLAY button (remote control) in the following order:
• Station name
• DLS (Dynamic Label Segment): Shows station information and messages (e.g. title and artist of the current song, news messages, other information about the current program or station)
• Program type(e.g. news, pop, classical)
• DAB multiplex number and frequency of the current station
• Time / Date
• Bit rate of the current audio signal
• DAB multiplex name

Specification

DAB/DAB+
Frequency range: 174.928 – 239.200 MHz
Sensitivity:-95dBm

FM Tuner
Frequency range: 87.5 –108 MHz
Sensitivity:6 dBu(S/N=30dB)

CD Player
Playable formats: MP3,WMA, MPEG 1/2/2.5 Layer 2/3

USB Format
Playable formats: MP3,WMA, MPEG 1/2/2.5 Layer 2/3

Amplifier
Power output: Rated power : 50W*2@8R 1%THD 1KHz
Peak power: 60W*2@8R 10%THD 1KHz
Frequency response: CD/AUX/Line :20Hz-20KHz
Signal to noise ratio: CD/AUX/Line :85dB
Input sensitivity/impedance: AUX/Line in :320mV,47K
Electricity consumption: MAX 120W

Digital inputs
S/PDIF co-axial and ToslinkSupported sampling frequencies: 8-192KHz
Supported bit depths: 16-24bit
Bluetooth version 5.0 operating frequency: 2402-2480MHz
Maximum emitted power according to EN 62479: 1.73-2.02dBm

Dimensions (wxhxd):275x120x317 mm
Weight:6.4KG (14.10lb)

Troubleshooting

There is no sound

Check that the speakers are connected correctly

Check aerial connections and an available station is selected

Ensure that the volume is set at an audible level

Check that the right source is selected

Check the unit is not in mute

There is no power

Ensure the AC power cord is connected securely

Ensure the plug is fully inserted into the wall socket and is switched on
Check fuse in the mains plug or adaptor

Check the unit is switched on via the back panel

The player will not read the disc

Check the disc is not loaded upside down

Check that the disc is not too scratched or dirty

Check the disc type is suitable

The disc is skipping

Check that the disc is not too scratched or dirty

Ensure the player is on a firm surface and not subject to vibrations

The remote handset will not function

Check the polarity and that the batteries have not expired

Ensure that nothing is blocking the remote sensor

Perform a System Reset (Follow steps on page.11)

The unit does not pick up enough DAB stations

Re-orientate the aerial

Check the aerial has strong signal

Perform a System Reset

Make sure there is DAB signal in the area

There is unwanted background noise and interference

Move the unit away from other electrical equipment that is likely to cause interference

The player will not read the USB drive

Check the files in the USB drive is supported

Check if the USB drive is readable

The display on the unit is distorted

Perform a System Reset (Follow steps on page.11)

Blue Aura Worldwide Guarantee

This entitles you to have the unit repaired free of charge, during the first year after purchase, at any authorised Blue Aura distributor provided that it was originally purchased from an authorised Blue Aura dealer or distributor.

The manufacturer can take no responsibility for defects arising from accident, misuse, abuse, wear and tear, neglect or through unauthorised adjustment and/or repair; neither can they accept responsibility for damage or loss occurring during transit to or from the person claiming under the guarantee.

The warranty covers: Parts and labour costs for first year from the purchase date.
After one years you must pay for both parts and labour costs, the warranty does not cover transportation costs at any time.

Claims under guarantee:

This equipment should be packed in the original packing and returned to the dealer from whom it was purchased, or failing this, directly to the Blue Aura distributor in the country of residence. It should be sent carriage prepaid by a reputable carrier. No responsibility can be accepted for the unit whilst in transit to the dealer or distributor and customers are therefore advised to insure the unit against loss or damage whilst in transit.
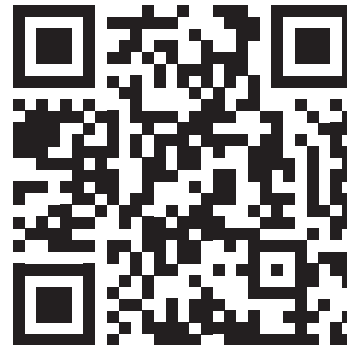All Blue Aura products undergo exhaustive tests and inspections both before and during manufacture to ensure we deliver products of the highest quality. However, for complete peace of mind please register your product within 30 days to take advantage of our extended 12 month guarantee.
Please register your product on line at **https://www.blueaura.co.uk/register**

Thank you for purchasing our product.

Please visit our website for more information

Blue Aura

www.blueaura.co.uk