

# EX332.2

## **Stereo Integrated Amplifier**

OWNER'S MANUAL MODE D'EMPLOI MANUEL DEL USUARIO BEDIENUNGSANLEITUNG

#### Dear Customer,

Thank you for choosing a BC Acoustique product. Its implementation has been our know-how, both in terms of design to the manufacturing. Electronic components and mechanical parts correspond to the selection criteria of very high quality. Operation and finish of each product have been checked before delivery. To obtain best results, please read the advice contained in this document.

#### Summary

Cafabrilanturations	03
Safety Instructions	02
Glossary	02
Recommandations	
Recycling product	03
Location and precautions	
Power Sources	03
Warranty	03
Basic Instructions: QUICK START	04
Under the amplifier - Switch anti-hum (Ground On/Off)	04
Rear panel - Connections	04
Front panel - Connections and uses	06
WIRELESS device playback	
Remote Control	
Specifications	08
Troubleshooting	
5	

## **Safety instructions**

We invite you to read the instructions on the proper use of your product carefully. They will ensure the proper functioning of the latter and it safely.

- Do not use this device in a wet area or near water.
- Clean only with a dry cloth. As a precaution it is best to unplug the unit before handling.
- Never cover the ventilation of the unit. Be sure to install the unit in a well ventilated location.
- Do not install near heat sources.
- Take great care of the power cord and plugs electrical connection. In particular, do not walk, or press the power cord, specifically at plugs, power plant and the output of the power supply.
- Use only parts and accessories recommended by BC Acoustique.
- Be sure to use an appropriate power supply to the power jack on the unit outlet. Especially if the device is equipped with a ground, it is necessary to use it.
- Unplug the apparatus during lightning storms or when not in use for a long time.

## **Glossary**

The CE mark indicates that this product complies with European directives called «low voltage» (2006/95/EC), Electromagnetic Compatibility (2004/108/EC) and apply eco-design requirements for energy products (2009/125/EC) when the appliance is installed and used in accordance with the user manual.

For continued compliance only BC Acoustique accessories must be used with this product and servicing must be performed by specialized and qualified staff.



The WEEE symbol is that of the European Union regarding the recycling of electrical and electronic equipment. It indicates that this product contains electrical and electronic components that can be reused, recycled or recovered. Therefore this product should not be disposed of in your regular trash. Thank you

to return the unit or contact your authorized dealer for more information.



This symbol alerts the user to the presence of «dangerous voltage» uninsulated which may pose a risk of electric shock to the user.



This symbol alerts the user that the documentation that comes with the device contains important instructions for maintenance and proper use of the product.

#### Recommandations

In the case of headphones, do not use it to excessive noise. Otherwise, prolonged listening at high volume levels may cause permanent damage to your hearing.

When disposing of used batteries, please comply with governmental regulations or rules defined by the public statements relating to the environment applicable in your country.

Never expose the batteries (battery pack or batteries installed) to excessive heat such as sunshine, fire, etc ...

## **Product recycling**

At the end of its useful life, this product should not be disposed of with regular garbage, but returned to a collection point for the recycling of electrical and electronic components. This point is emphasized by the symbol on the product, the instruction manual and on the packaging.

The materials can be reused in accordance with their markings. Through reuse and recycling of raw materials or any other form of recycling, you make an important contribution to environmental protection. Your municipality can tell you where is the point of the nearest collection site.

## **Location and precautions**

Avoid placing it in direct sunlight or near a heat source. No source of light shall be placed on the apparatus. Also avoid all sources that could cause vibration, dust, cold or moisture. The recommended ambient temperature range is 5-35 °C.

The device must be installed on a stable, level surface. Do not place the unit on an unstable surface or shelf. The unit may fall, causing serious injury to a child or adult as well as serious damage to the product. Do not place other equipment on top of the unit.

Due to stray, turntables or CRT TVs magnetic fields should not be located near the unit to avoid possible interference.

#### **Power sources**

The unit should be operated only from the type of power source indicated on the label. If you are unsure of the type of power available to you, thank you to contact your dealer or the company responsible for the power supply in your area.

Turn off device if you do not intend to use this unit for a long time.

In case of prolonged absence from home, it is recommended to unplug from the electrical outlet.

Make sure each cable is correctly inserted. To prevent hum or background noise, do not mix different other antenna cable with the power cord or speaker wires.

## Warranty

BC Acoustique warrants this product parts and labor (under the conditions specified below).

BC Acoustique will repair or replace (at its discretion) this product or any defective parts. The warranty period may vary by country. If in doubt, contact your dealer. Always retain proof of purchase of this product.

For warranty service, please contact the BC Acoustique authorized reseller from which you purchased this product. If your dealer is not itself repair the product, it can be sent to BC Acoustique authorized after-sales service. If necessary, you will need to ship this product in its original packaging or packaging affording an equal degree of protection.

Proof of purchase such as an invoice stating that the product is covered by the Guarantee must be presented for any warranty claims.

#### This warranty is void if:

- The factory serial number has been altered or removed.
- This product was not purchased from an authorized reseller BC Acoustique. To confirm that the serial number has been altered or that the product was purchased from an authorized reseller BC Acoustique, you can call BC Acoustique or distributor in your country.
- If the power supply cord or plug is damaged.
- If liquid has been spilled or if objects have fallen inside.
- If the unit has been exposed to rain or water.
- If the unit is dropped or damaged in any way.
- This warranty does not cover cosmetic damage or damage caused by or due to force majeure, an accident, mis use, abuse, negligence, commercial use or modification of part any product.
- This warranty does not cover damage caused by or resulting from misuse, a maintenance or improper installation or repairs made or attempted by anyone other in BC Acoustique or not BC Acoustique dealer or technician approved, authorized to carry out maintenance and repair under warranty for BC Acoustique. Any unauthorized repairs will void this warranty. This warranty does not cover products sold «AS IS».
- REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER.
- BC ACOUSTIQUE NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.
- Some countries do not allow the exclusion or limitation of incidental or consequential damages or exclusions of implied warranties. Therefore, the limitations or exclusions herein may not apply. This warranty gives you specific legal rights, in addition to other rights which vary from state to state or country to country.

## **Basic instructions - Quick starting guide**

Make sure that the device is not plugged into the mains before making any connections. It is also recommended to turn off or disconnect all other devices associated while making connections to the product.

Connect the speakers to the speaker terminals on the back and the sources of the corresponding input jacks on the back.

**IMPORTANT:** Make sure you have set the voltage selector 4 to suit your country: INPUT VOLTAGE: **AC110 (USA)** and **AC230 (EUROPE).** 

Connect the power cord to the connector on the one hand AC Mains product and the other to a wall outlet. Turn the POWER switch (1) (page 7) to the ON position (I).

If the unit is equipped with a standby, then press the STANDBY button to turn it on.

Press the input selector for the source you want to hear.

## **Under the amplifier**

#### ① GROUND ON / OFF SWITCH ANTI-HUM



Your EX-332.2 has a mains socket outlet with a ground connection. The use of this type of connection is recommended for electrical safety reasons (including

wetlands). However sometimes this connection «mass» is the origin of «hum» audible from the speakers in a hi-fi system to solve this problem, the cancellation of the ground connection is sometimes sufficient. To do this you have, under the device, a switch to choose to connect or not the mass of the device to the mains.

## Rear panel

**WARNING:** Be sure to turn off the power on your product before making any connections. Similarly it is best to cut the power of other devices you want to connect to your amplifier.

## **Connections and uses**

#### 2 TRIGGER OUTPUT

This 3.5 mm Jack mono output is used to activate or desactivate remotely auxiliary devices connected to the amplifier. When the unit is turned on, the output is switched to 12V. When the unit is turned off, the trigger output is 0V.

#### (3) PHASE TESTER

The EX Series products feature 3-pins mains power cord. These 3-pins plugs are respectively the Ground, which is located in the center of the outlet, the Neutral, it is an electrical reference, and finally the Hot. The latter is that which "handles" the alternating voltage.

According to the wiring of the multi-socket and a sense of connection to the outlet, the respective position of the Neutral and Hot out will change, according to this position a residual voltage may appear on the cabinet of the device. This tension can affect the result of listening to your hi-fi system.

In order to choose the most appropriate direction connection (one that will induce the lowest residual voltage on the cabinet), some EX Series products have a Test device at the rear panel of the product named: "Test Phase".

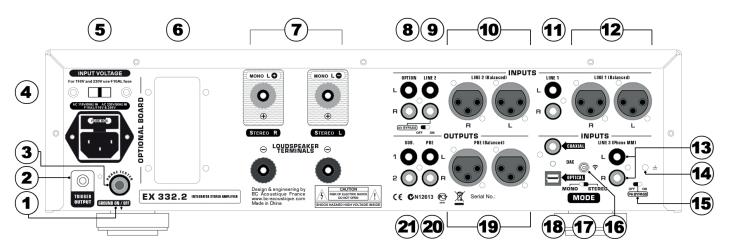
To test it is necessary to connect the device to the mains, and then use your finger to touch the metal ring located around the central lamp.

If the lamp lights it means that the residual voltage of the cabinet is high. You will therefore then reverse the connection of the outlet of the device (careful, the light intensity is low).

If the light remains off when you touch the ring around the central lamp, it means that the device is connected in the best way.

#### Notes:

- To choose the direction of the outlet connection it is necessary to have a Schuko socket because the Ground is offset on the sides
- When the test is performed by touching the ring, make sure not to touch any other part of the product which would have the effect of putting to pair and thus invalidate the test.



## **Connections and uses**

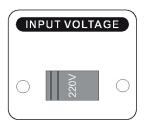
#### (4) INPUT VOLTAGE

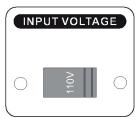
**IMPORTANT:** Before turning on your amplifier, check that you have positioned the voltage selector based on your geographic location: AC110V (USA, etc ...) and AC230V (EU, etc ...).

**Note:** The appropriate fuse is the same (T10AL) for both voltages sectors.

Example position voltage selector:

220V for Europe 110V for USA Same fuse T10AL fo 230V and 110V





#### **(5)** AC MAIN INPUT

Once all connections to the stereo system, plug the power cable into an outlet and turn the unit on. Your EX-332.2 is now ready for use.

#### **6** OPTIONAL BOARD CARD

This slot allows you to add, when you want, one of the Optional cards for adding one more source, like a digital card that lets you listen to music from a computer.

#### (7) LOUDSEPAKER TERMINALS

Connect the speaker to the terminals marked RIGHT "+ R" and "R -" ensuring that "R +" is connected to the "+" terminal of the enclosure and "R -" is connected to the terminal "- "the same enclosure. Connect the LEFT speaker to the terminals marked "L +" and "L -" by doing the same.

Make sure that no wires are not insulated can bypass the speaker outputs. Make sure that the speaker terminals are tight enough to ensure a good electrical connection. If the terminal screws are not tight enough, the sound quality may be affected.

Use only dedicated wire to the speaker (a section of 1.5 mm<sup>2</sup> or more is recommended especially if the cable length is greater than 3m).

**Important Note:** Check the impedance of your speakers. When using a pair of speakers, you can use speakers with an impedance of between 4 and 8 ohms.

#### (8) OPTION (RCA INPUT)

Without Optional card, this input works as a LINE input. If you use an Optional Card, this RCA input will be disabled in favor, for example, of the DAC card allowing you to listen to your music from your Smartphone or computer via USB slot. In that case, when you are selecting the Option's source button (in front panel), you can listen to music from your computer or Smartphone (via usb cord).

#### (9) & (11) LINE 1 and LINE 2 (RCA INPUTS)

The LINE 1 and 2 inputs are for connecting a "line level" source to your amplifier. It is designed to receive an "analog" signal (as opposed to "digital" signal). To connect your source we are using a traditional "RCA" cable, they are usually identified by a color code "RED" to the RIGHT and "WHITE" to the LEFT channel.

LINE 2 input has an option "AV BYPASS"

#### AV BYPASS (ON/OFF)

The LINE 2 input has an option "AV BYPASS" which takes you through the amplifier without using amplification part. This is very useful if you wants, for example, connect your speakers directly on another AV amplifier output.

#### 10 & 12 XLR CONNECTIONS

XLR connections (INPUTS ① and ② or OUTPUTS ②) allow the use of symmetric links. This type of cables guarantees greater immunity to electromagnetic interference screw. Their use is recommended in particular when the distance between the devices is important.

#### (13) INPUT LINE 3 (RCA input - Phono MM)

The LINE 3 input is for connecting a turntable. Most turntables have outputs in the "RCA" format but whose signal is not not compatible with the "line inputs" of the amplifiers.

In order to be able to use a turntable, it is necessary to use a compatible "phono preamplifier" with the used cell.

The EX-332.2 built-in phono preamplifier is compatible with MM (Moving Magnet) cells.

#### (14) MASS SOCKET

For connecting your turntable do not forget to connect the ground wire of your turntable to this ground screw in order to avoid the creation of noise issues.

#### 15 PH BYPASS (ON/OFF) - LINE 3 input

The Line 3 input is for connecting a turntable or a line level source. Set the PH BYPASS to ON when you connect your turntable and on OFF if you connect another source such as a CD player.

#### **(16) WIRELESS ANTENNA**

This connector is for receiving a WIRELESS antenna. The supplied antenna is mounted directly to the back of the unit. The WIRELESS range is limited to few meters (depending on the nature of the obstacles located between the EX-332.2's antenna and your WIRELESS source).

It is possible to obtain an optional "WIRELESS long-range" antenna. It consists of a cable to shifting the antenna. Moreover, this antenna is larger.

## **Connections and uses**

#### (17) MODE

The MODE switch lets you choose between stereo or mono operation.

Stereo mode position: The EX-332.2 behaves like a built-in stereo "classic" amplifier. It is in this position it is necessary to use the EX-332.2 to perform a bi-amplification. Then, using a second amplifier that can connect to the pre-out outputs (XLR (9) or RCA (20)) left and right. The left and right speakers should be connected respectively to the STEREO R and STEREO L speaker outputs.

Mono mode position: In this configuration, the output stages of the amplifier are "bridged" to increase the output power. In this configuration, the left channel is amplified by the EX-332.2. It is therefore necessary to complete your installation with an amplifier that will power the right channel. Now you must connect the pre-out output line (XLR 19 or RCA 20) from the EX-332.2 to this amplifier. It is welcome to choose a power amplifier and equivalent gain device which features the same kind of amplification as the EX-332.2.

The left speaker should be connected to the speaker outputs

Mono L and Mono L The right speaker is connected to the mono outputs of the second amplifier.

#### (18) DIGITAL INPUT - DAC - COAXIAL and OPTICAL INPUTS

The EX-332.2 has an integrated digital-to-analog converter. Consequently, it is possible to plug it digital source (such as most television screens).

In order to ensure compatibility with all types of existing digital connectors, the EX-332.2 has optical and coaxial plugs.

However, this entry is unique. It is not possible to listen only one device at a time. The optical input will prevail over the coaxial input in case you have wired both inputs.

## **Front panel**

#### (19) XLR CONNECTIONS (Pre-OUT)

XLR OUTPUTS connections allow the use of symmetric links. This type of cables guarantees greater immunity to electromagnetic interference screw. Their use is recommended in particular when the distance between the devices is important.

#### 20 PRE OUT (RCA output)

This output allows you to use the amplifier as a preamplifier and Therefore connect a power amplifier to upgrade the system.

#### 21) SUBWOOFER OUTPUTS (2)

These two RCA outputs are identical. They correspond to the sum of the left and right channels (mono). They are intended to be connected to an optional subwoofer. It is not necessary to use these two outputs that are equivalent. The second output is dedicated to the use of a second subwoofer.

## Front panel - Connections and uses

#### 1 PHONE - HEADPHONES OUTPUT

Make sure the volume control is turned down before connecting or disconnecting headphones. Listening at high levels can cause permanent hearing damage.

This taken Jack size 6.35 mm allows connection of stereo headphones. It is advisable to use a listener with an impedance between 32 and 600 ohm headphones.

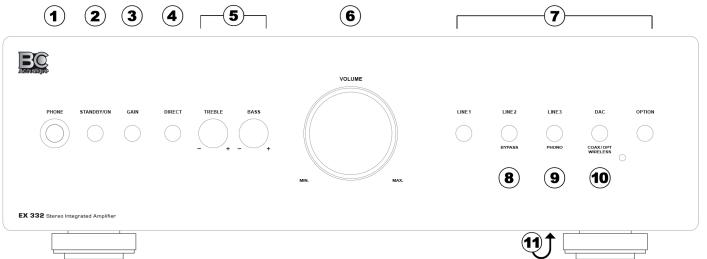
When the headset is connected, the output to the speakers are then cut.

#### (2) STANDBY ON (SLEEP MODE)

This button allows you to turn the device in Sleep mode to conserve energy while not performing his primary function or to resume the device in active mode.

#### (3) GAIN

This command allows you to lower the overall gain (-10dB) on all of your sources. This allows you to adjust the fineness of the volume adjustment depending on the sensitivity of your speakers and your listening level.



## Front panel - Connections and uses

#### (4) DIRECT

If this function is activated (light signal active), then the BASS and TREBLE functions are disabled. The purpose of this function is to shut down the electronic circuit's tone control and balance in order to best preserve the purity of the music signal.

#### (5) BASS and TREBLE

The button "BASS" setting can act on the relative level of low frequencies to alter the tonal balance of the sound to suity our room acoustics and your tastes. The "TREBLE" button for meanwhile high frequencies. When these buttons are in the middle position, it means that the tonal balance is not changed. The adjustable range is  $\pm$  5 dB.

+5 decibels knob turned in the direction of clockwise and -5 decibels knob turned anticlockwise.

Tone Controls: These functions only affects music signals output from the speaker outputs and the LINE OUT (RCA). They are not active on the REC output (for recording the original signals).

#### **(6) VOLUME**

This knob adjusts the output volume of the amplifier at the speaker outputs.

#### (7) SOURCE SELECTOR

These buttons select the active input of the amplifier and the signal sent to the speakers, to headphones and Preamp output and REC LINE. The buttons on the remote control are identical to those buttons. Once the selected button, the integrated LED corresponding entry under the particular input button will turn white.

**LINE 1, 2 and 3** (INPUTS): These buttons are used to select sources present on XLR (balanced) and RCA inputs (line level) with the same name located on the rear panel of the amplifier.

**DAC - OPTIC & COAXIAL INPUTS:** This button activates the digital input on the back of the amplifier. It allows listening to the digital source connected to the amplifier with the integrated digital-to-analog converter.

**Note:** You can leave connect two sources (one on the Optical input, and the other on the Coaxial input) and activate the one that suits you the best by pressing the DAC button.

#### **OPTION:**

**Without Optional card:** This button selects the listening to a 4th source you have connected to the RCA OPTION connectors (rear panel).

With Optional card: This button allows you to select the source to play on your option card. (See notice of the said optioncard). Example of option card: EX-DAC-U-3X, a DAC card allowing you to listen to your music from your Smartphone and your computer thru an USB slot.

#### (8) LINE 2 / AV BYPASS

The LINE 2 input has an option "AV BYPASS" which takes you through the amplifier without using amplification part. This is very useful if you wants, for example, connect your speakers directly on another AV amplifier output.

#### (9) LINE 3 / (RCA INPUT - Phono MM)

The LINE 3 input is for connecting a turntable. Most turntables have RCA outputs format but whose signal is not compatible with the "line inputs" of the amplifiers.

In order to be able to use a turntable, it is necessary to use a compatible "phono preamplifier" with the used cell.

The EX-332.2 has a MM built-in Phono preamplifier on the back of the device. Thus, if you do not use a turntable, set the selector PH PHONO switch to OFF at the back of the unit to connect a other source on this LINE 3 input, such as a CD player (Line level).

#### **10** WIRELESS ANTENNA

This connector is for receiving a WIRELESS antenna. The supplied antenna is mounted directly to the back of the unit. The WIRELESS range is limited to few meters (depending on the nature of the obstacles located between the EX332.2's antenna and your WIRELESS source).

It is possible to obtain an optional "WIRELESS long-range" antenna. It consists of a cable to shifting the antenna. Moreover, this antenna is larger.

#### (1) POWER - ON (I) / OFF (0) BUTTON

This switch allows shutdown or operation of the amplifier.

## **WIRELESS** device playback

The EX-332.2 offers the possibility to listen wirelessly to music played by WIRELESS devices like Smartphones. These devices must be paired in order to communicate.

**Note:** You also need to run your other WIRELESS device to pair to the EX-332.2.

#### PARING YOUR WIRELESS DEVICE

- 1 On the front of the EX-332.2, repeatedly press the "INPUT" button to select "WIRELESS" mode. Otherwise, press the button DAC on the remote.
- 2 Turn on WIRELESS communication on the other WIRELESS device (your smartphone, tablet ...).

Your device should automatically receive the EX-332.2 WIRELESS signal.

3 - Select the device named "BC-EX332" on your WIRELESS device to connect the stereo system.

If you have not managed to connect or see the EX-332.2 on the screen of your device, you have to start pairing again (step 1).

**Note:** If another WIRELESS device had already managed to connect the EX-332.2 will automatically try to reconnect to the same device.

## **Remote control**

The amplifier EX-332.2 comes with an RC-EX2v2 remote control. It was designed to be both compatible with your amplifier but also the possible devices BC Acoustique (including CD players EX series) range.

1 POWER: This button allows you to pause or resume from standby different electronic devices BC Acoustique with this feature.

2 INFO: The display panel on the product provides information on the CD.

(3) RANDOM: To play a random track on CD player.

4 1...9.0: Keypad / Track selection

(5) A-B: Input (A) an output (B) selectors to play repeatedly this selection from a track.

(6) PAVE CONTROL:

◀■: 9 seconds reward jump (CD/USB)

▲: Eject

▶►: 9 seconds forward in the track (CD/USB)

**I**◀<: Skip to the previous track / file

**II/**▶: Pause / Play

▶▶I: Skip to the next track / file

(7) TIME: Displays the remaining time of the current track.

(8) CD/USB: source selection.

SOURCES: LINE 1 - LINE 2 - LINE 3 - DAC - OPTION
 Line 2: Switch between LINE 2 and ByPass.
 DAC: Switch between Coaxiale, Optique et Wireless.

① OPTION: Selects the source from your option card. If there is no option card, it will serve LINE input.

(1) GAIN: This command allows you to lower the overall gain (-10dB) on all your sources to adjust the fineness of the volume.

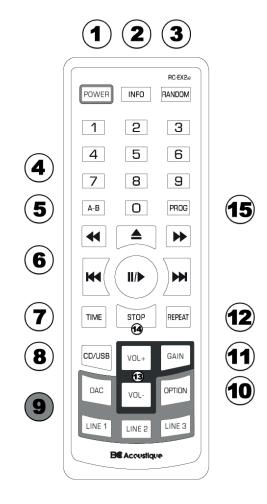
(12) REPEAT: Repeating the current track or all the tracks.

(3) VOL+ / VOL-: Keys to increase or decrease the volume.

(14) STOP: Stop the (12) Repeat function.

(5) PROG: In CD mode, or USB, use this button to enter playback mode Programmed device. To memorize the order of tracks to listen to, press "PROG" then the number of the desired track. Repeat until the end of your program, then press the "Play / Pause" button to start listening.

**Note on the battery:** Remove the transparent protective tab to activate the battery.



## **Specifications**

#### **Preamplifier section**

Line level input XLR (LINE 1 and LINE 2)

Sensitivity: 600 mVImpedance:  $100 \text{ k}\Omega$ 

Line level input RCA (LINE 1, 2 and 3)

Sensitivity: 600 mVImpedance:  $100 \text{ k}\Omega$ 

#### **Amplifier section**

Output Power:

2x100W or 1x280W into  $8\Omega$  2x160W or 1x340W into  $4\Omega$ 

Harmonic distortion (1kHz, 1W,  $8\Omega$ ) : 0,05%

Signal/Noise ration: 95 dBA

Frequency response (-3dB): 20 Hz - 75 KHz

## **Specifications**

#### Digital-to-analog converter

The interface is entrusted to a Cirrus Logic CS8416 chip and the digital-analog conversion is supported by a PCM1973 circuit from Texas Instrument. The DAC is compatible with digital signals up to 24bits/96kHz from coaxial and optical inputs.

#### **Phono input**

Input impedance: 47 KΩ

Frequency band (± 0.2dB of RIAA): 10Hz - 60KHz

Gain: 45dB

Distorsion (1kHz, 1W,  $8\Omega$ ) < 0.003%

#### **Headphone output**

2x300 mW into  $300\Omega$ 

#### **Switchs**

- Mode (Mono / Stereo)
- AV ByPass (on Line 2)
- PH Bypass (on Line 3)

#### **Connections**

- 2x RCA line stereo input (LINE 1 and LINE 2)
- 2x XLR line stereo input (LINE 1 and LINE 2)
- 1x PHONO input switchable (or LINE 3)
- 2x Digitals inputs: 1x optical and 1x coaxial (DAT)
- 1x OPTIONAL CARD Input (to connect on OPTION RCA)
- 2x Subwoofer outputs mono (RCA)
- 1x Pré-out RCA and XLR stereo outputs
- 1x Trigger output (Jack 3,5mm mono)
- 1x Headphones output (stereo jack 6,35 mm)
- 1x BNC Phase tester
- 1x WIRELESS antenna
- 4x Speaker terminals screw-compatible banana plugs
- 1x IEC Detachable power cord

#### **Included accessories**

- 1x Detachable power cord
- 1x WIRELESS antenna
- 1x Remote control RC-EX2v2
- 2x Batteries (AAA) for remote control
- 1x Manual guide

#### General

**PRODUCT** 

Dimensions (W×H×D): 430 x 135 x 400 mm

Weight: 18.7 kg

BOX

Dimensions (W×H×D): 500 x 205 x 465 mm

Weight: 25 kg Volume: 0.48m<sup>3</sup>

**EAN CODES** 

EX-332.2-B (Black) : 0634654606143 EX-332.2-S (Silver) : 0634654606136

## Troubleshooting

Here you will find a number of fault description and possible solutions we invite you to read in order to ensure the possibility of an actual breakdown of your device.

#### The unit does not turn on

- Make sure the power cord is properly connected.
- Make sure the plug is fully inserted into the wall outlet and there is power.
- Make sure the camera is turned on.
- Check the fuse in the mains plug or adapter if necessary.

#### There is no sound

- Make sure the unit is not in standby mode.
- Check that the source component is connected properly.
- Make sure you have selected the appropriate source
- Make sure your speakers are properly connected.

#### One channel no sound

- Make sure the balance control is in the correct position.
- Check the speaker connections.
- Check interconnects.

#### A loud humming or buzzing is noticeable

- Make sure that interconnect cable is loose or defective.
- Make sure your tape deck or turntable is not too close to the amplifier.
- Check turntable or tonearm to capture an ground fault or a faulty connection.

#### The bass is weak or the stereo image is diffuse

Make sure the speakers are not in phase.

#### The sound is distorted

Make sure that the control settings of volume or tone is not too high.

#### The remote control does not work

- Check that the batteries have not expired.
- Make sure nothing is blocking the remote sensor.

#### WIRELESS - The sound stops or there is noise

If a device such as a microwave oven or wi-fi transmitter generates electromagnetic waves near the 2.4 GHz band, it can affect the connection or broadcast quality. In this case, install the EX-332.2 at a greater distance from this unit.

#### WIRELESS - The transmission is interrupted

- The device connected to the EX-332.2 is perhaps too far. The approximate distance transmission WIRELESS is about 10m without obstacles.
- Make sure there are no obstacles between the EX-332.2 and your WIRELESS device.

## **Troubleshooting**

**Notes** 

In case the above solutions do not remedy your problem, check our FAQ section (Frequently Asked Questions) on our website: www.bc-acoustique.com

For repair, during or after the warranty, please contact your dealer.

To obtain warranty service and technical support, thank you kindly to register your product online on the website www.bc-acoustique.com at the product registration section.



BC ACOUSTIQUE 14 Avenue de l'Europe 77600 Bussy Saint-Georges - France www.bc-acoustique.com