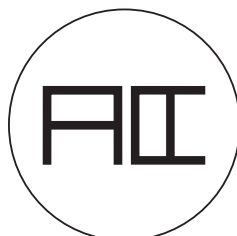


Artcoustic^{FII}

CPH-10A STEREO OWNERS MANUAL



www.artcoustic.com

Welcome to the world of Artcoustic!

Congratulations on your purchase of the Artcoustic CPH-10A Stereo active monitor.

The CPH-10A Stereo (Active) combines the latest Bluetooth technologies electronic EQ and filters, with raw power and exceptional, sound pressure level. It has been designed to ensure the utmost functionality, making it easy to install, either when wall-mounted or free-standing.

The design has been refined to the bare minimum, removing all unnecessary elements, all in keeping with the Artcoustic signature style. Match your speaker to your interior by choosing from an unlimited selection of cabinet and screen colours or you own choice of artwork.

The CPH-10A Stereo provides high-end sound reproduction whether from a single speaker stereo mode, two speakers in a dual mono setup, or multiple speakers for multi room audio, delivering a clean and detailed sound experience, whatever the application.

Thank you for purchasing this Artcoustic CPH-10A Stereo product.

All the best,
The Artcoustic Team

WHATS IN THE BOX

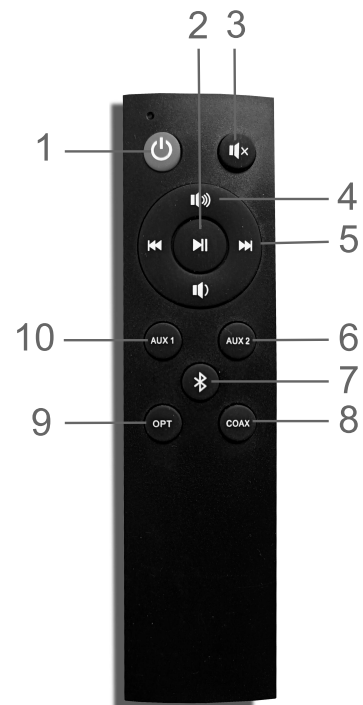


Whats in the box.

- 1 pcs Artcoustic CPH-10A Stereo active loudspeaker
- 1 pcs DC 21 volt, 5 A AC multi-voltage power supply
- 1 pcs power cord
- 1 pcs IR remote
- 1 pcs IR receiver
- 1 pcs A4 size users manual

Remote control features

1. On/off
2. Play and pause, BT two-way function
3. Amplifier mute
4. Volume up and volume down
5. Previous and next track, Bluetooth two-way function
6. AUX 2
7. BT input
8. Coaxial input
9. Optical input
10. AUX 1



CPH-10A STEREO FEATURES

High performance, high output

Its slim line profile, combined with powerful and articulated performance, makes the CPH-10A Stereo an ideal choice for high-end hi-fi and multi-room audio installations, without the need for a subwoofer.

Incredible bass response

The CPH-10A is a true 2.1 speaker system, powered by three individual amplifiers and carefully separated by a state-of-the-art active crossover and hifi quality signal processing. The CPH-10A Stereo monitor, is equipped with a single 10-inch, subwoofer and two high-end 3 inch fullrange units. The CPH-10A Stereo delivers a bass response extending well down to 40Hz, resulting in a low frequency performance equivalent to a speaker twice its size.

Sparkling high frequency performance

The CPH-10A Stereo also excels at the upper end of the frequency spectrum, with a frequency response of up to 20kHz at 92dB (1w +/-2dB). Overall the performance is exemplary with good, tight bass and sparkling high frequency performance, all within the Artcoustic's Scandinavian design aesthetics.

Ideal for any interior

The CPH-10A Stereo is ideal for 1 & 2 channel listening, multi-room audio and commercial use in bars, restaurants and corporate facilities.

Design customization

Choose from unlimited colour options from NCS, RAL, and almost all well-known paint companies to match your cabinet colour and screen to your interior. Artcoustic has created a true all-rounder, covering most medium SPL applications where high performance and aesthetics is a focal point.

High quality multi-channel amplification

The CPH-10A Stereo active monitor, has been designed with high quality class D 3-channel amplifiers delivering remarkable low distortion power.

Connect to all your devices

The CPH-10A Stereo can be used as a single unit in either wireless Bluetooth mode, or as RCA wired connection. The CPH-10A Stereo can also be used in a stereo or multiple speaker setup, through the RCA wired input, for multiple speakers used in a wireless setup. For multi-room audio, connect with the Artcoustic X10 RF wireless system. The CPH-10A Stereo has a 5V. USB charger output reserved for powering devices, such as the Artcoustic X10 device, Audiocast Wifi device etc. but this can also be utilized as a mobile phone and tablet charger.

Long lasting power

The CPH-10A Stereo is powered with a high performance 21V external switching power supply, but can equally be powered by any 12-21V battery power bank.

Components features:

Mid-High Frequency driver:

Our full range driver includes a stiff steel basket with venting under the spider to aid cooling of the motor, a ferrite magnet motor with copper cap to lower coil inductance, providing low distortion at low frequencies and extended high frequency response. A black anodized aluminum cone is employed along with a black anodized aluminum dust cap coupled directly to the voice coil. Additionally, the cones come equipped with special-designed large roll rubber surrounds, which allow for a dynamic linear response at high excursion.

Subwoofer:

Extra long excursion and aluminum Short Circuiting Ring, 4-layer voice coil, anodized aluminum for improved heat dissipation, combined with Distortion Reduced Motor.

Crossover:

100Hz 24dB/octave low pass and 120Hz 24 dB/octave high pass filter.

Amplifier.

High-end 50 watt class D subwofer amp. and 2 x 30 watt class D mid and high frequency amp.

RCA stereo input

Mini Jack stereo input

Optical digital input

Coaxial digital input

Bluetooth wireless connection

SPECIFICATIONS

CPH-10A Stereo Monitor Specifications

Transducer:

LF-MF 1 x 10 inch cone
HF-MF 2 x 3 inch cones

Design:

Sealed cabinet

Performance:

Operating Range 40 Hz (-3dB) to 20 kHz
Nominal Beamwidth Horizontal 80° Vertical 90°

Half space SPL. Average Peak 106dB

Output power:

1 x 50 watt and 2 x 30 watt into 8 ohm RMS

Weight 7 kg

Dimensions H: 400 W: 300 D: 158 mm

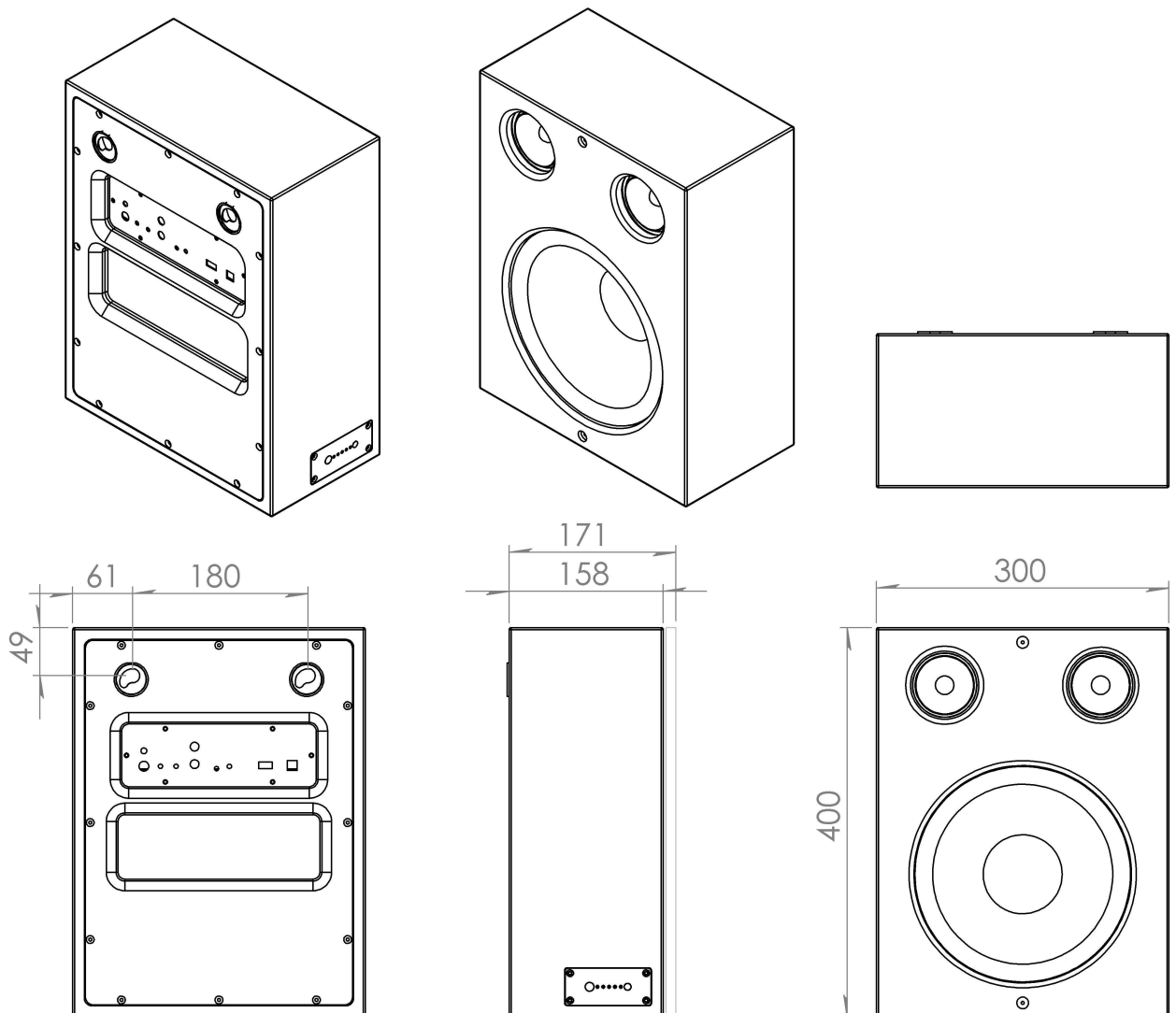
Cabinet finish:

Black, White, RAL, NCS, Tikkurila

Screen:

Black, White, RAL, NCS, Tikkurila, Artcoustic Art Gallery

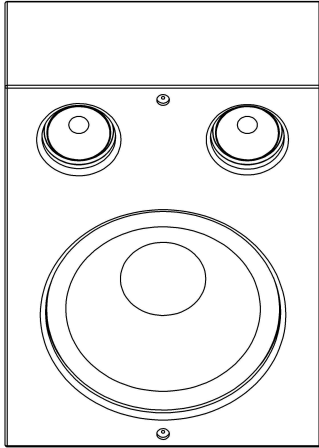
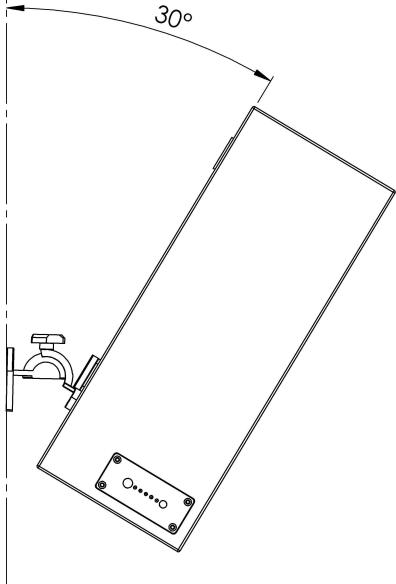
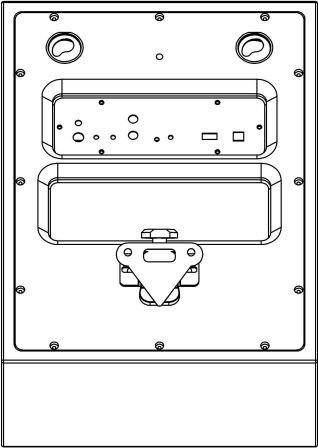
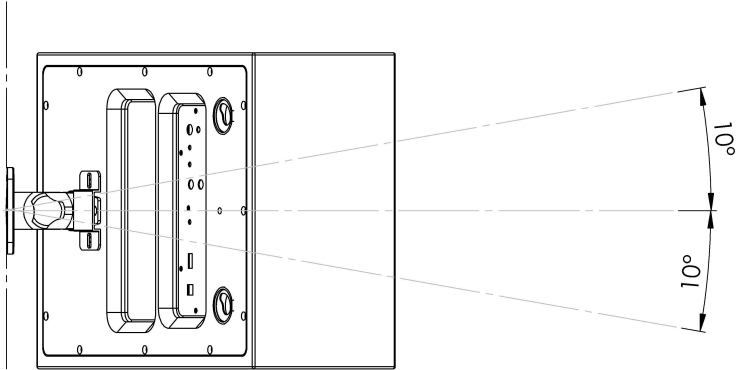
CPH-10A Stereo Precision Monitor Schematics



SPECIFICATIONS

CPH-10A Stereo wall mounted utilizing the Artcoustic GU8-T bracket.

Horizontal dispersion



Vertical dispersion

BASIC SETTINGS

1. Input selector and on/off

2. LED input indicators

- AUX 1
- AUX 2
- Optical
- Coaxial
- Bluetooth

3. IR receiver

4. Coaxial digital input

5. IR Remote input (wired remote receiver)

6. AUX 2 stereo input

7. AUX 1 stereo input

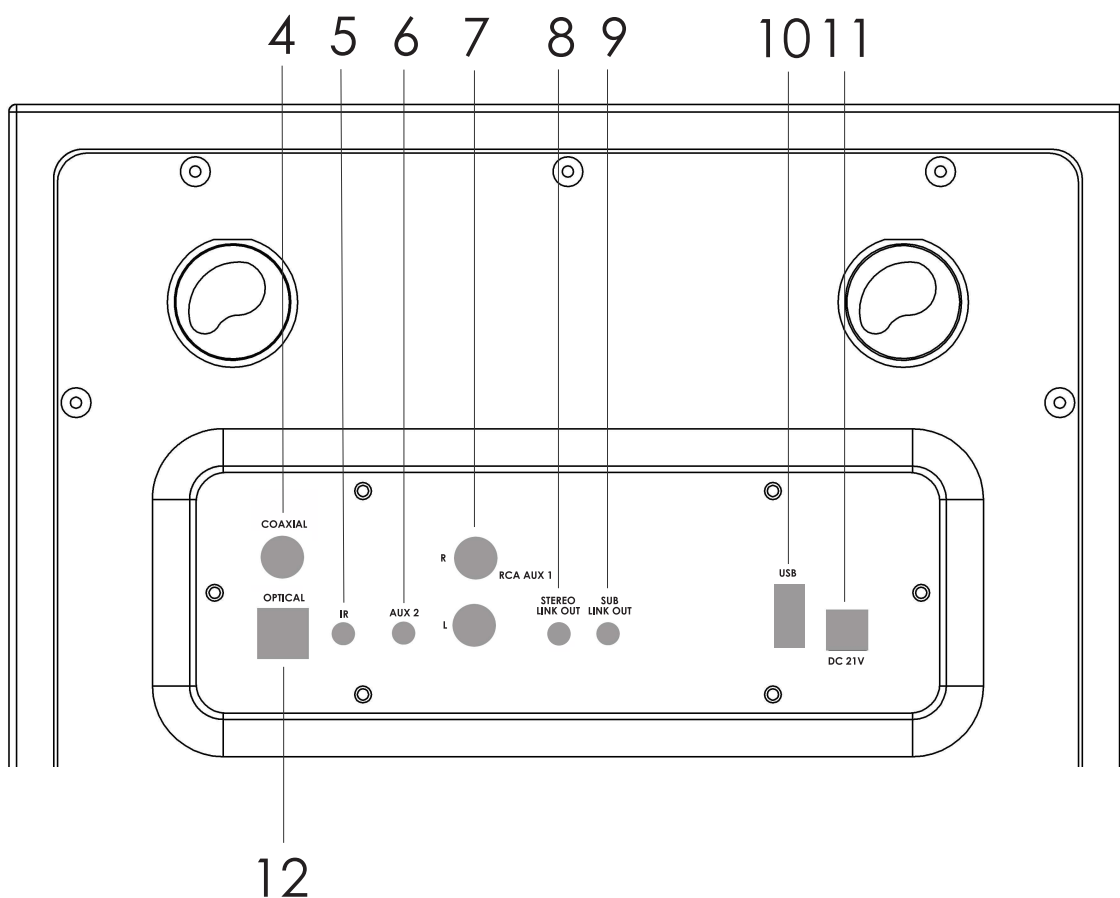
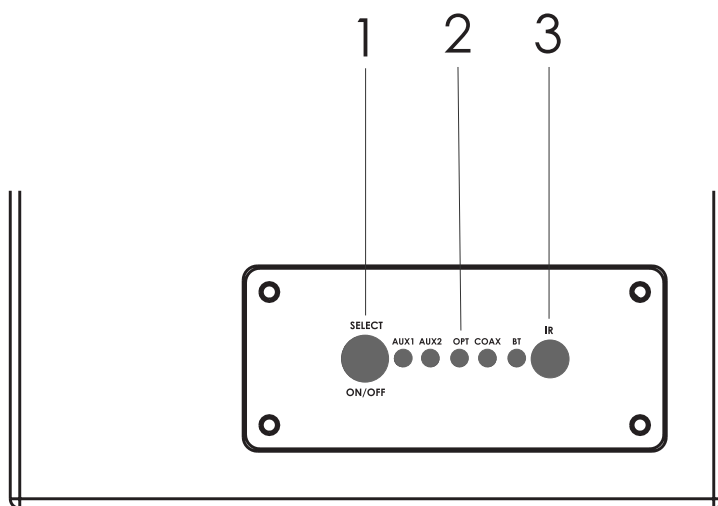
8. Stereo link out

9. Subwoofer link out

10. 5V USB charger

11. 12-21V DC power input

12. Optical digital input



CONNECTIVITY

CONNECTING WITH BLUETOOTH

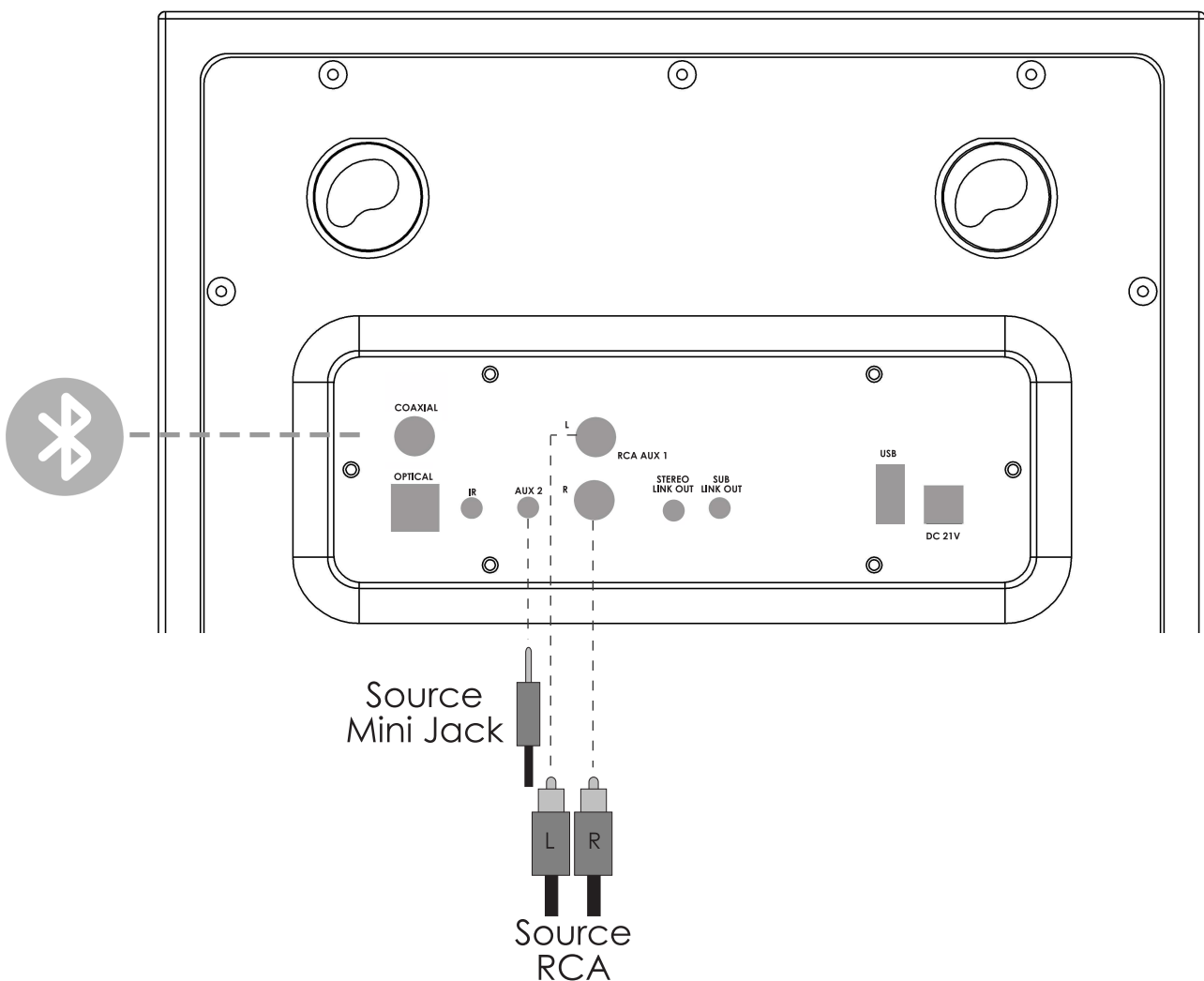
Fast and easy wireless connection for virtually every device

1. Enable Bluetooth pairing on your CPH unit. The Red BT LED indicator will flash with fast intervals, giving the user a 2-minute pairing time. If no BT source has been paired within 2 minutes, the BT port will close again and pairing process will have to be repeated.
2. Enable Bluetooth pairing on your CPH unit and select **CPH** as your Bluetooth receiver.
3. Adjust the volume on the CPH unit and on your mobile phone, tablet or other Bluetooth device.

Note: Unpairing of the Artcoustic CPH unit can be done from the paired device, or by powering off your CPH unit.

CONNECTING WITH ANALOG WIRES

On the rear panel of CPH unit, the RCA L & R input will support an analog signal, connect both the L & R channel.

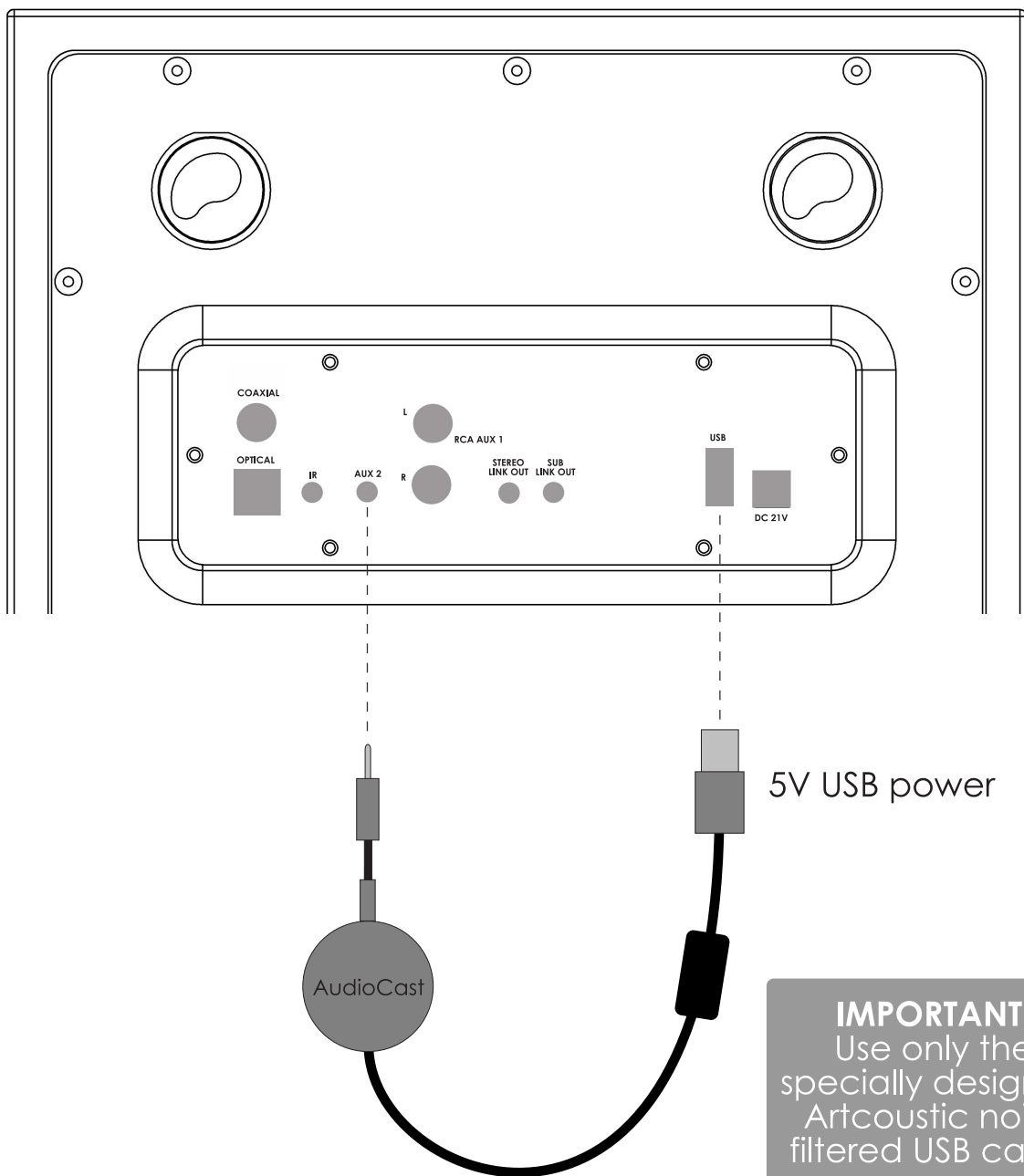


CONNECTIVITY

CONNECTING WITH WIFI

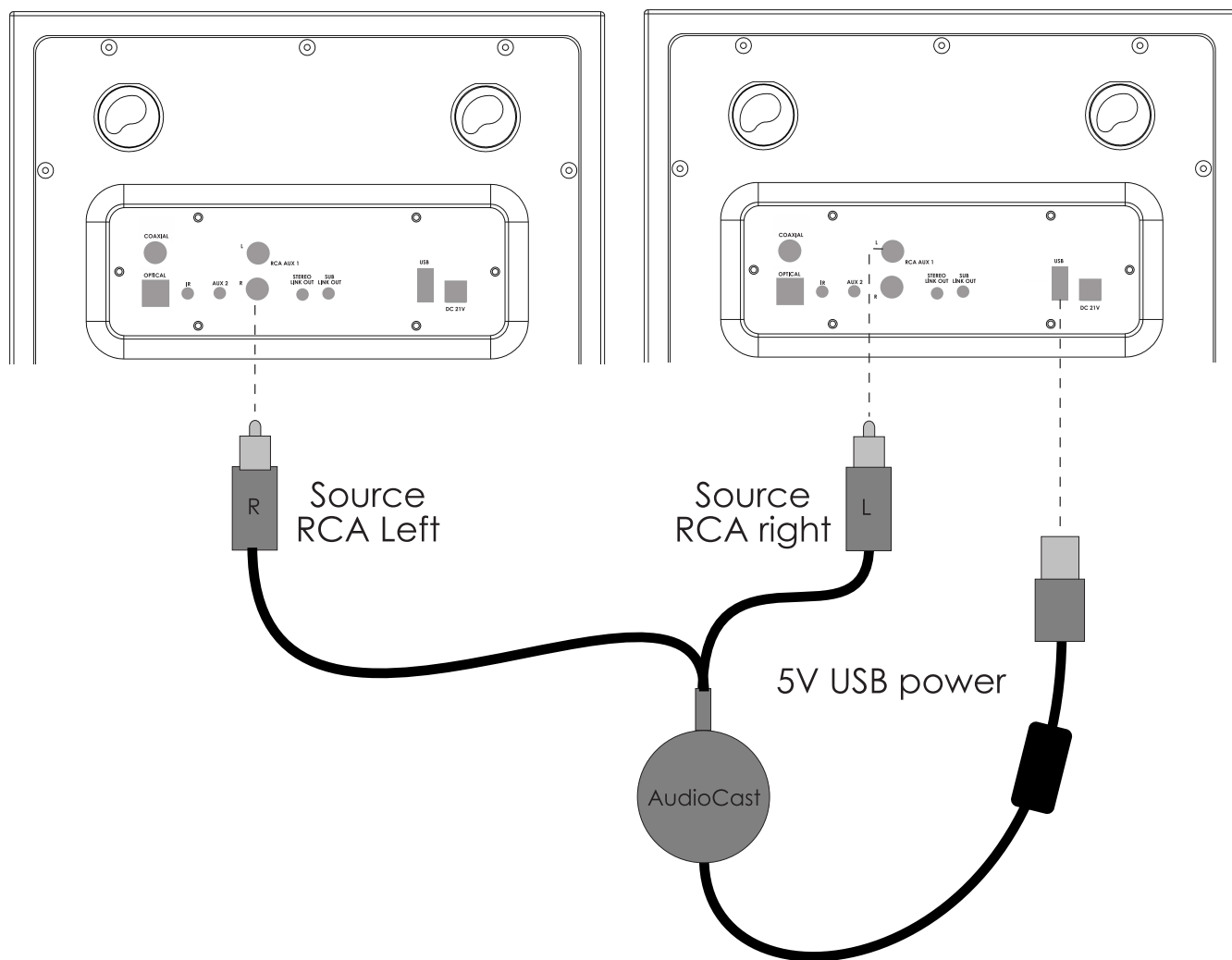
There are many high quality WIFI solutions available. The below setup is using the AudioCast dongle, but should serve as one example only.

Connecting a single speaker using AudioCast dongle, or similar wireless device.



CONNECTIVITY

Connecting two or more speakers in stereo using AudioCast dongle, or similar wireless device.



IMPORTANT!
Use only the specially designed Artcoustic noise filtered USB cable

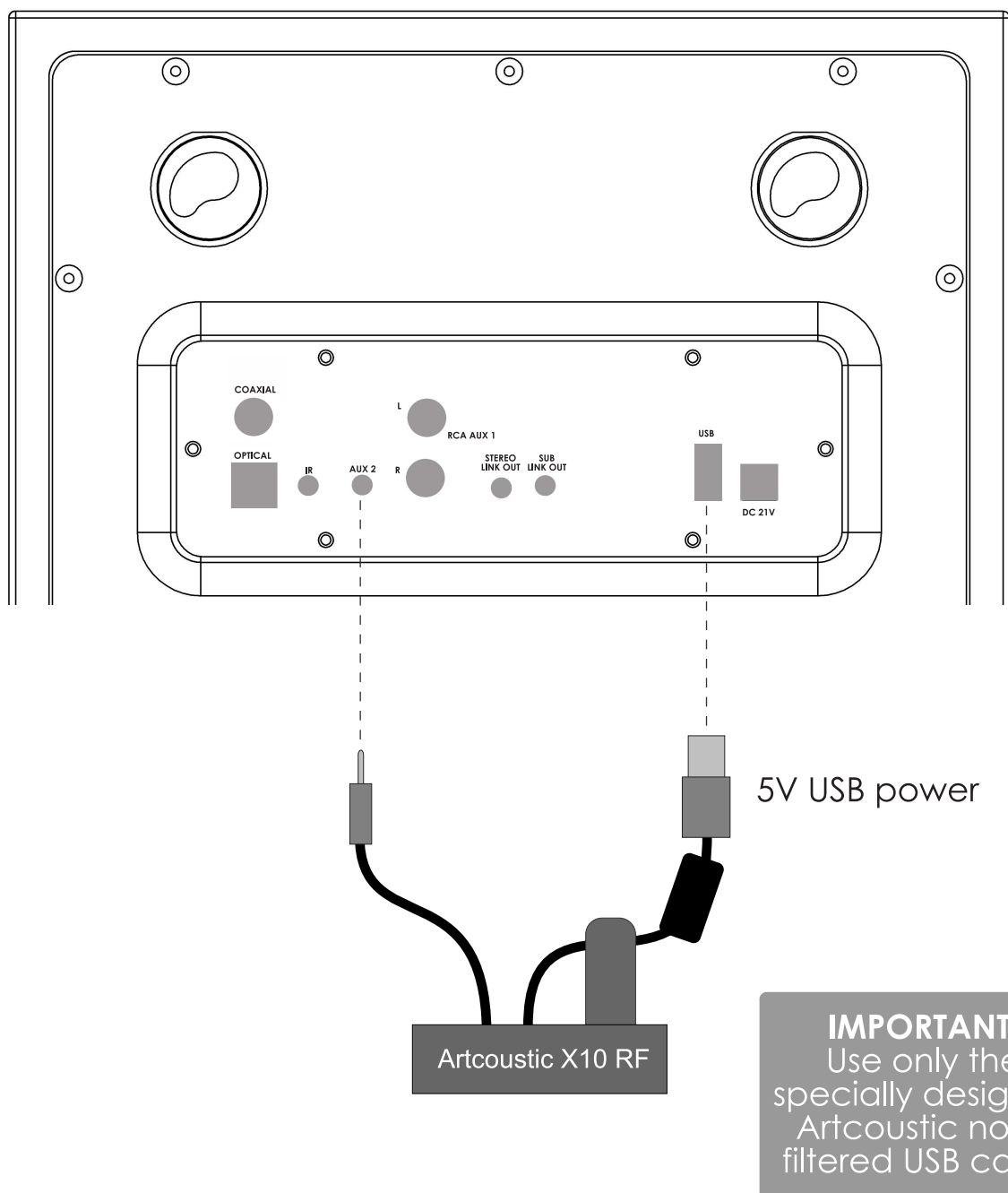
CONNECTIVITY

CONNECTING WITH ARTCOUSTIC X10 RF MULTI-ROOM AUDIO SYSTEM

Artcoustic X10 RF Multi-Room Audio System.

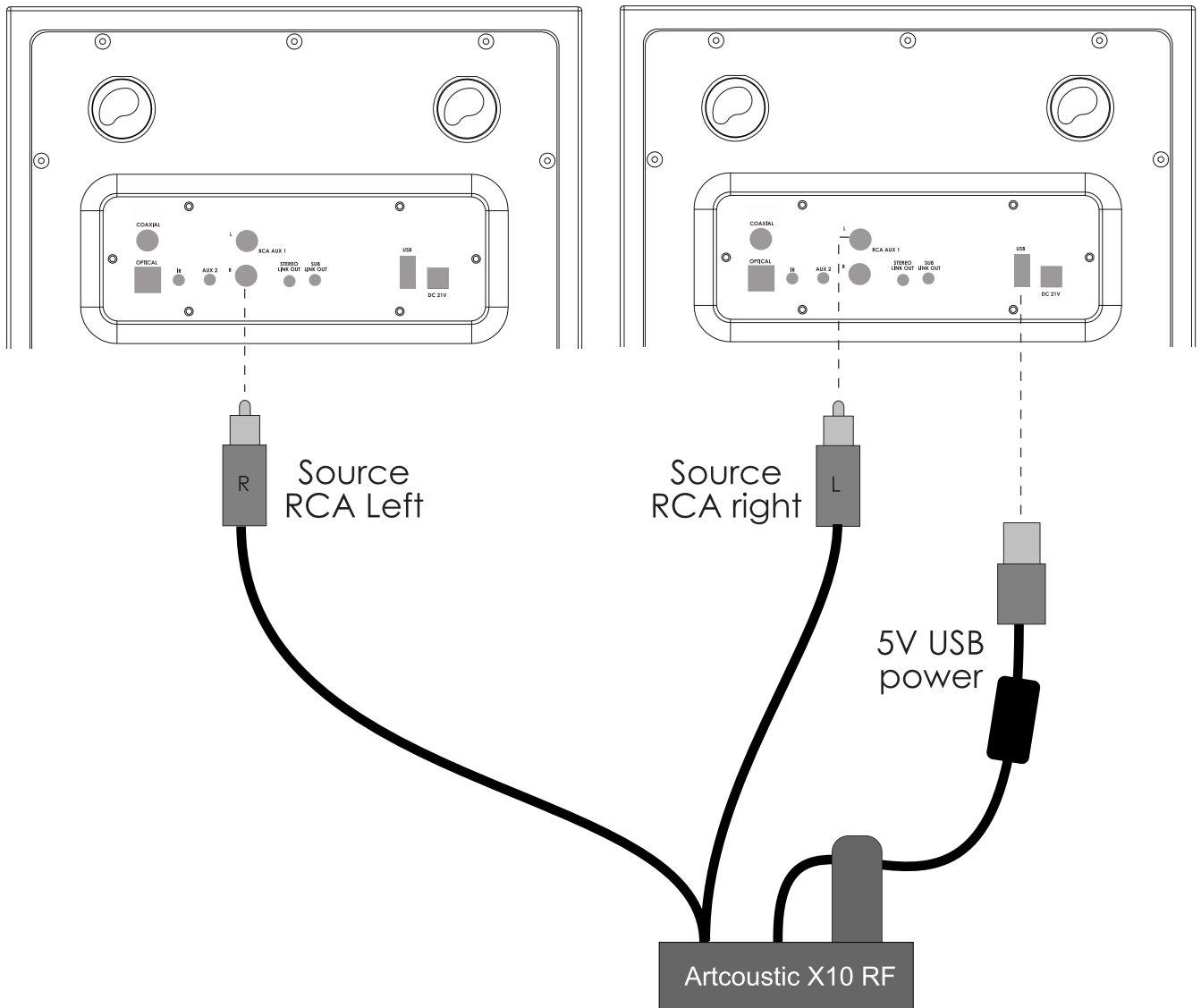
Connect up to 10 zones in perfect sync, no app required and no network required. The Artcoustic X10 Multi-Room Audio System streams any analogue source in close to loss-less audio quality and with a streaming reach up to 100 meters.

Connecting a single speaker using Artcoustic X10 RF receiver.



CONNECTIVITY

Connecting two or more speakers in stereo using the Artcoustic X10 RF receiver.

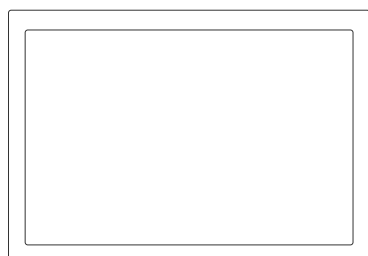
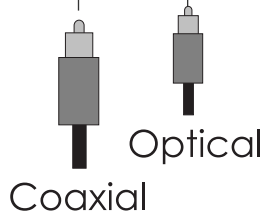
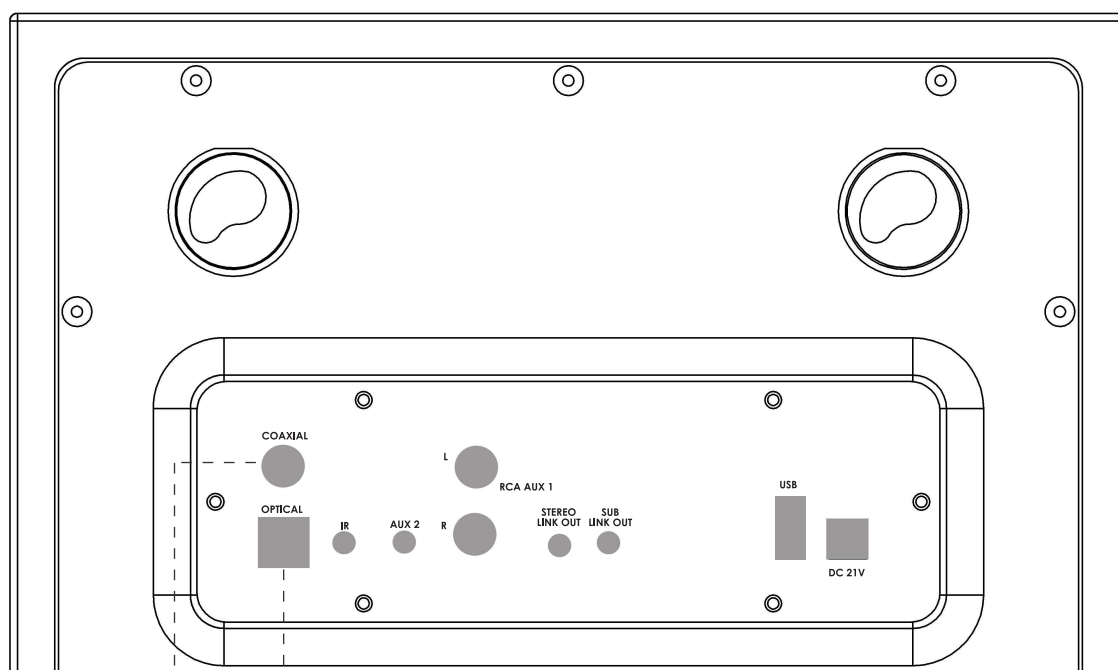


IMPORTANT!
Use only the specially designed Artcoustic noise filtered USB cable

CONNECTIVITY

CONNECTING TO DIGITAL DEVICES

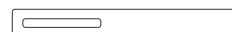
On the rear panel of CPH unit, the digital coaxial and optical input will support a digital signal, from devices such as smart LED TVs, digital receivers and DVD players



Smart TV



Receivers



Media players



Digital TV

SAFETY INSTRUCTIONS

SAFETY:

1. Do not use this product near water.
2. Clean rear panel only with dry cloth.
3. Do not block any ventilation openings.
4. Do not install near any heat sources, such as radiators, heat registers, stoves.
5. If wall mounted, make sure sufficient rawl plugs and matching screws are being used.

Refer all servicing to qualified service personnel. Servicing is required when the product has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the product, the product has been exposed to rain or moisture, does not operate normally or has been dropped. To completely disconnect unit power from the AC mains, disconnect the unit's power cord from the mains socket.

WARNING:

To reduce the risk of fire and electric shock do not expose this product to rain or moisture.

1. Do not place product filled with liquids such as vases on the product.
2. Do not open product. There are no user-serviceable parts inside.
3. Always use the power supply shipped with this product, using a power supply with wrong voltage or polarity, can damage the electronics

This product complies with Part 15 of the FCC Rules. Its operation is subject to the following two conditions:

This product may not cause harmful interference,

This product must accept any interference received, including interference that may cause undesired operation.

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

WARRANTY:

Is valid only for products purchased from an authorised Artcoustic retailer or dealer.

Is valid from the date of purchase for a period of 3 years for passive loudspeakers, 2 years for powered loudspeakers and electronics.

Is limited to the repair of the equipment (which could be a repair or replacement at our discretion, neither of which affects your original warranty). Neither transportation, nor any other costs, nor any risk for removal, transportation and installation of products is covered by this warranty.

Is only valid for the original owner. It is not transferable.

Will not be applicable in cases other than defects in materials and/or workmanship at the time of purchase and will not be applicable:

For deterioration of component parts, the nature of which is to become worn or depleted with use, such as batteries.

For damages caused by incorrect installation, connection or packing.

For damages caused by any use other than correct use described in the user manual, negligence, modifications, or use of parts that are not made or authorised by Artcoustic UK Ltd.

For damages caused by faulty or unsuitable ancillary equipment

For damages caused by accidents, lightning, water, fire heat, war, public disturbances or any other cause beyond the reasonable control of Artcoustic UK Ltd. And its appointed distributors.

If it is found necessary to return the product for repair, you may be given a Return Merchandise Authorisation. You should not return the product without this authorisation, if given.

To validate your warranty, you will need to produce the original sales invoice or other proof of ownership and date of purchase.

Artcoustic^{AC}



www.artcoustic.com