



User Manual

Q-BT3 Active Stereo Bluetooth® Speakers

EN

FR





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EC DECLARATION OF CONFORMITY

Q-TV3 conforms with the following EEC Directives their supporting Statutory Instruments and relevant Standards, where applicable as follows:

EC Council Directive on electromagnetic compatibility 2004/108/EC,

Applicable standard(s) with amendments: EN5013:2001 + A1:2003 + A2:2006

EN55020:2007

EN61000-3-2:2006 + A1:2009 + A2:2009

EN61000-3-3:2008

EC Low Voltage Directive 2006/95/EEC,

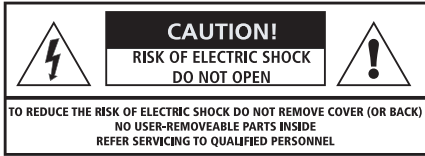
Applicable standard(s) with amendments: EN60065:2002 + A1:2006 + A11:2008 + A2:2012

Stage 1 of annex II of Commission regulation (ErP) EC no. 1275/2008



Safety

IMPORTANT INFORMATION - PLEASE READ CAREFULLY



Read and keep these instructions. Heed all warnings and follow all instructions.

Do not use this apparatus near water.
Clean only with dry cloth.
Do not block any ventilation openings.
Install in accordance with the manufacturer's instructions.

Warnings:

To avoid the danger of suffocation, keep all polythene bags and packaging away from babies and children.

To reduce the risk of fire or electrical shock, do not expose this product to rain or moisture. This product must not be exposed to dripping and splashing and no object filled with liquids such as a vase of flowers should be placed on the unit.

Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

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 wider blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

Take note of all warnings on the appliance, under no circumstances disassemble the unit or remove covers to prevent the risk of fire or electrical shock.

Protect the mains power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.



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.

Use only attachments/accessories specified by the manufacturer.

Unplug this unit during lightning storms or when unused for long periods of time.

No naked flame sources such as candles should be placed on the product.

Caution:

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this device.

Third parties: In the unlikely event that you pass this product on to a third party, include these operating instructions with the product.

Service:

Refer all servicing to qualified service personnel. Servicing is required when the unit 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 unit, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.

Equipment for servicing should be returned to the supplying dealer, or to the service agent for your area. The address of the main Service Agent for the UK is listed at the back of this manual.

Important notice for UK users:

The UK mains lead is terminated with a UK approved mains plug fitted with a 3A fuse. If the fuse needs to be replaced, an ASTA or BSI approved BS1362 fuse rated at 3A must be used.



Introduction

Thank you for purchasing Q Acoustics Q-BT3.

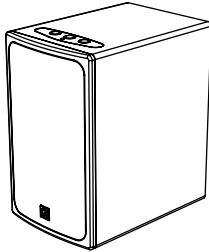
This Manual is intended to take you through the setup and installation of Q-BT3 and will help provide a trouble free setup and optimum performance from the product.

Please read the instructions, important safety information and warnings carefully before installation, and use, to ensure the safe and satisfactory operation of this product.

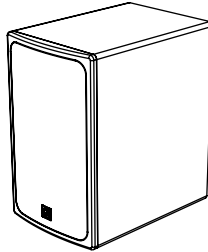
We hope you enjoy the Q-BT3 experience.



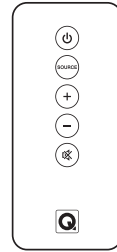
Package Contents



1 x Active Right Speaker



1 x Passive Left Speaker



1 x Remote Control



1 x Lithium
Battery
(3V, CR2025)



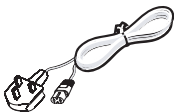
1 x RCA
Phono Lead
(2 metres)



1 x 3.5mm
Jack Lead
(2 metres)



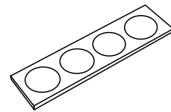
1 x Two Pole
Speaker Cable
(4 metres)



1 x UK AC
Mains Cable



1 x EU AC
Mains Cable



2 x Sets of
Rubber Bumpers



1 x User Manual



Feature Summary

- 2 x 40W Stereo amplifier in Right hand speaker
- Passive left hand speaker
- 1 x 100mm woofer and 1 x 30mm Dome tweeter per channel
- Apt-X Bluetooth® Input – Up to 8 paired devices
- Digital Optical Audio Input
- RCA Stereo Line Level Audio Input or
- 3.5mm Stereo Level Audio Input
- RCA Subwoofer Line Level Audio Output
- 5 button infrared remote control



Product Description

The Q-Acoustics Q-BT3 is a bookshelf Bluetooth® stereo speaker set designed to deliver high fidelity reproduction of music, and high quality audio from a TV. The Q-BT3 is a result of careful development and winning heritage, designed in the UK by Q-Acoustics.

The Q-BT3 cabinets provide true stereo audio with no added effects or digital signal processing to colour audio reproduction. You have peace of mind that you are listening to pure audio as the original mix engineer intended. That's not to say the Q-BT3 is not special, if that were the case it would not be carrying our Q-Acoustics logo.

The left and right speakers each have our award winning combination of 100mm woofer and 30mm dome tweeter, providing focused channel separation, music depth and clarity. The enclosures have been specifically voiced by our acoustic team to provide a full range natural sound.

Designed for simplicity, the Q-BT3 will blend into your home environment with minimal fuss yet extraordinary improvement to your listening experience.

With both analogue and optical inputs the Q-BT3 can be used with a variety of entertainment source such as TVs, CD players, portable music players, computers, internet radio. But that's still not the whole story...

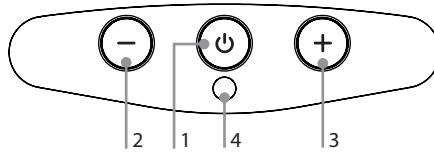
Q-BT3 is also Bluetooth® compatible using the Apt-X codec for lossless audio streaming. This wireless connection can sync to almost any Bluetooth® compatible audio device. It can remember upto eight pairings, so when friends or family come over, a 'guest' music player can get connected in just seconds to really get the party started.

Please read and follow the instructions in this manual to get the most enjoyment out of your Q-BT3.



Q-BT3 Features

TOP PANEL



1. Standby Button

Single Press

2. Volume Down

Single press/press and hold

3. Volume Up

Single press/press and hold

4. Status LED

See LED indications below

No Light = Off

Power cord is connected but AC switch is turned OFF.

Solid Red= Off (Standby)

Power cord is connected and AC switch is turned ON, but Q-BT3 is OFF.

Solid Green = On

Analogue input (Line in 1 or Line in 2) is the active source.

Solid White = On

Optical input is the active source.

Quick Blue Flash = On

Bluetooth® input is the active source and is currently searching for a Bluetooth® device to PAIR with.

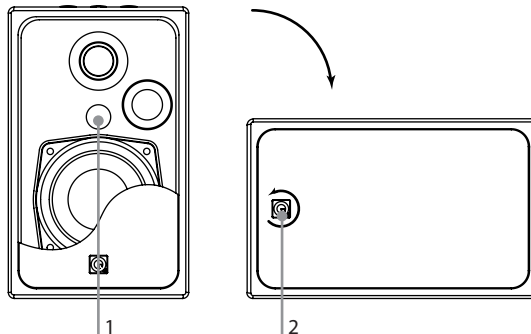
Solid Blue = On

Bluetooth® input is the active source and is PAIRED with a Bluetooth device.

Any Colour Slow Flash = On

Currently active source is MUTED.

FRONT VIEW



1. IR Sensor

The IR sensor is hidden behind the speaker grill of the active right speaker. It 'sees' the IR control commands output from the Q-BT3 IR remote control when buttons are pressed.

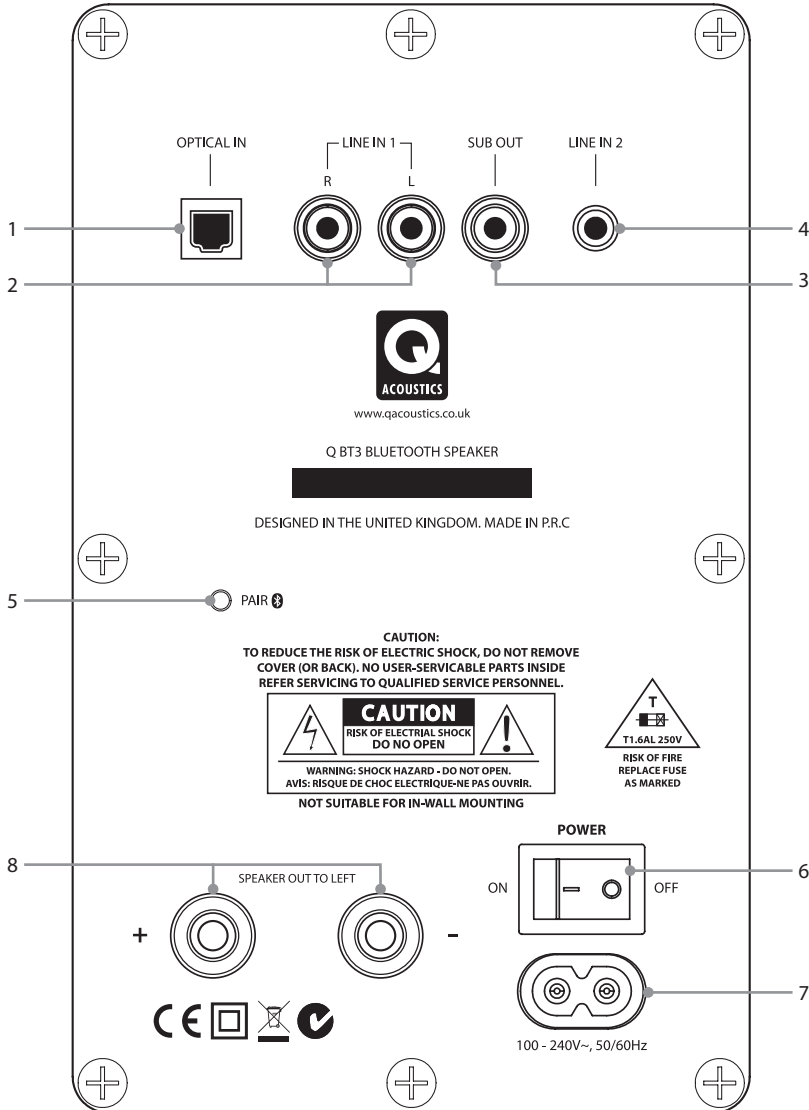
This sensor MUST be unobstructed for direct line-of-sight to the remote, or the remote will not be able to control the Q-BT3.

2. Rotating Badge

The Q-BT3 speakers are designed to be used in both portrait and landscape orientations to suit your preferred setup.

When using Q-BT3 in the landscape orientation, you may rotate the Q acoustics logo by gently pulling and rotating the badge.

REAR PANEL

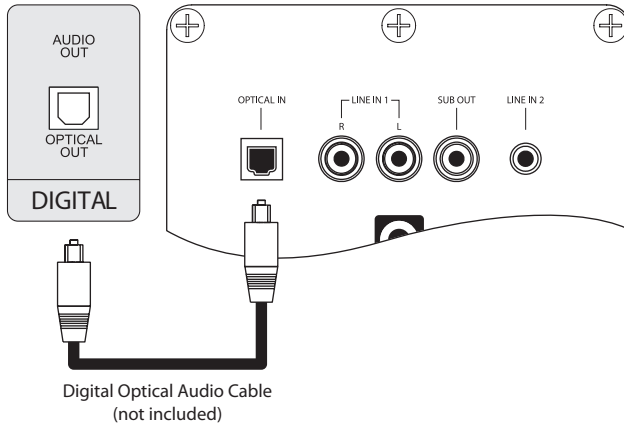


- 1. DIGITAL OPTICAL INPUT
- 2. ANALOGUE LINE IN 1
- 3. SUBWOOFER OUT
- 4. ANALOGUE LINE IN 2

- 5. BLUETOOTH® PAIR BUTTON
- 6. POWER SWITCH
- 7. AC INPUT
- 8. OUTPUT SPEAKER TERMINALS

1. Digital Optical Input

TOSLINK® connector for connection to the Digital Optical output on a TV or other source. If there is a choice between Digital or Analogue connection to the Q-BT3 choose Digital for superior audio quality. The Digital input is selected automatically if no Bluetooth® device is connected and playing. When the Digital Source is active the status LED will be WHITE.



Important note:

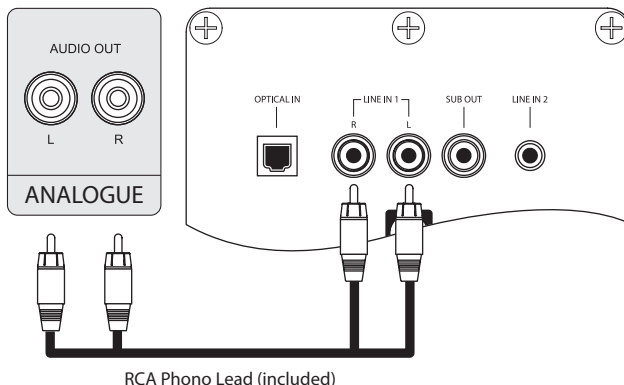
Audio output of a TV, Blu-ray Disc player, game console, or DVD player connected to the Q-BT3 via Optical Digital, must be set to PCM in the source's setup. Please see the device's Owner's Manual for details. Digital connection to a CD player does not require a special setting.

2 & 3. Analogue Inputs Line In 1 & Line In 2

The Q-BT3 has two options for Analogue Audio connection:

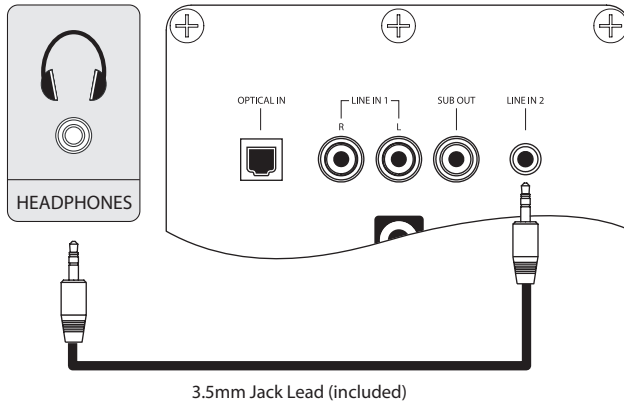
Line In 1

Connect the RCA L&R audio output from a TV or other source to the LINE IN 1 sockets using the 2m cable provided:



Line In 2

The 3.5mm input jack is ideal for connecting to the headphone output of an external audio source using the 2m cable provided:



Important note:

With a jack plugged into LINE IN 2, LINE IN 1 is switched-off and no audio will be heard from this source.

The ANALOGUE INPUTS are automatically selected when Bluetooth® device is connected and playing and no Optical Digital Input signal is present. The Status LED will be GREEN when an analogue input is in use.

Please note:

When connecting to a variable level source, such as a headphone output, better audio quality will be achieved by having the source set at a higher volume level and the Q-BT3 at a lower level than the other way around.

4. Subwoofer Out

Single RCA phono jack. Connect the 'Sub Out' to a Subwoofer Line Level Input if extended bass response is desired.

5. Bluetooth® Pair Button

The Q-BT3 has been designed to automatically search for, and PAIR with a device should no other devices currently be PAIRED and in range. This Bluetooth® Pair button is used to manually drop the current connection and pair with a new device.

6. Power Switch

Turns the power to the Q-BT3 ON/OFF. Always turn the power OFF when making connections to the Q-BT3 Rear Panel.

7. AC Input

Universal power connector. Automatically selects AC voltage for a given region. Connect to the included AV Power Cord for your country.

8. Output Speaker Terminals

Connect the supplied speaker cable from the active right speaker output terminals to the passive left speaker input terminals. Make sure to connect the WHITE STRIPE cable to the RED positive terminal of each speaker, and the SOLID BLACK cable to the BLACK negative terminal of each speaker.



Remote Control

1. Power

Press this button to turn the Q-BT3 Standby ON/OFF. (POWER SWITCH on the rear panel must be switched to ON)

2. Source Select

Press this button to manually select the audio input source. Status LED will change colour accordingly.

Important note:

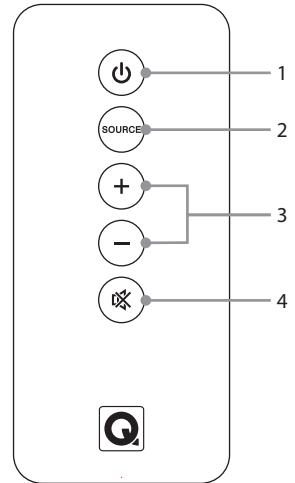
When the Source button is used Q-BT3 will stay on the selected source and stop auto-source selection. Auto-source selection will be resumed after the unit has been put in standby.

3. Volume Up / Down

Press VOL + to increase the volume. Press VOL – to reduce the volume.

4. Mute

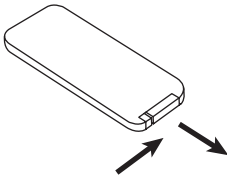
Press this button once to MUTE the Q-BT3 (no audio output from the speakers). Status LED will SLOW FLASH to indicate MUTE. Press this button again to un-mute the Q-BT3 (audio output from the speakers).



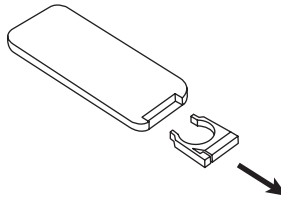
REMOTE CONTROL BATTERY REPLACEMENT

Caution:

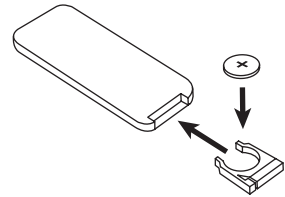
When replacing the lithium battery in the remote, make sure that the replacement battery is inserted in correct polarity. Place the battery so that it's positive (+) side faces up with the tray held so the surface with the dot and (+) is facing up.



1. Push small tab toward battery slot.



2. Pull battery drawer out.



3. Insert battery with "+" side up and slide drawer back into remote.

Caution:

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent battery type (CR2025)

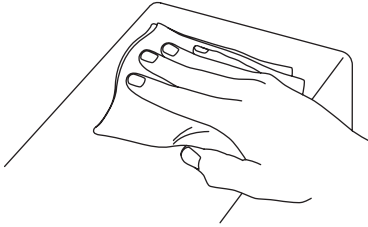
Warning:

Do not expose batteries to excessive heat such as direct sunlight, fire or the like.
Dispose of dead batteries in accordance with local regulations.

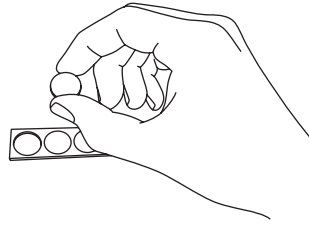


Rubber Bumpers

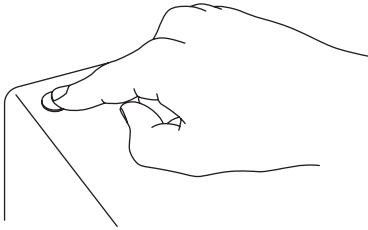
In order to prevent damage to the surface of other furniture, Q-BT3 is supplied with self adhesive feet which may be applied to the underside of the speakers. Once the desired orientation of the speakers has been selected, follow the steps below to attach the rubber bumpers to each speaker.



1. Clean the surfaces of the speakers where the feet will be applied, ensuring they are free from dirt and grease.



2. Remove the rubber bumpers from their backing paper. Take care to grip the sides rather than the adhesive surface.



3. Position the bumpers on the underside of the speakers and push firmly onto the surface. Once contact is made the feet can not be easily repositioned.



4. Allow 24 hours for the adhesive to cure before returning the speakers to their correct orientation.



Operating Q-BT3

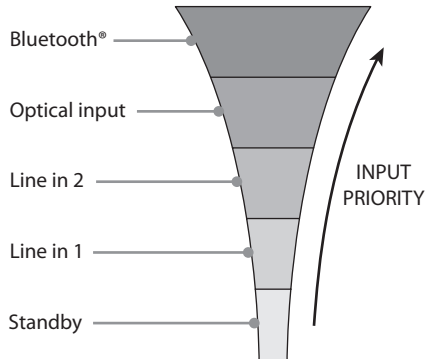
POWER AND STANDBY

Power on Q-BT3 at the AC SWITCH once all rear panel audio connections are made. The speakers will enter STANDBY, with a RED status LED.

Exit STANDBY by pressing the STANDBY button on either the top panel or the IR remote. The LED will initially turn Green but may then change according to the Auto-Source Selection rules.

AUDIO SOURCE SELECTION

In normal operation Q-BT3 will automatically select the audio source. A Connected Bluetooth® source that starts to play has the highest priority, followed by Digital and finally Analogue:



The AUDIO SOURCE auto-priority can be manually overridden at any time using SOURCE SELECT on the IR remote.

If NO input signals are detected, Q-BT3 will automatically enter STANDBY after 20 minutes.

Important note:

When the Source button is used on the Remote Control Q-BT3 will stay on the selected source and stop auto-source selection. Auto-source selection will be resumed after the unit has been put in standby.

SOURCE VOLUME CONTROL

Audio sources will initially be set at a DEFAULT volume level. This source can be adjusted for each source using the VOL + and VOL – buttons on the top panel or IR remote. Once adjusted, the Q-BT3 will remember the manually adjusted volume level for each source, and will return to the previously entered listening level each time that source is selected.

PAIRING A BLUETOOTH® DEVICE

Q-BT3 is designed to automatically go into pairing mode if there is no Bluetooth® device connected. To Pair your Bluetooth® source:

1. Turn Q-BT3 and the Bluetooth® device ON.
2. Make sure Bluetooth® is enabled on the device to be Paired. The Bluetooth® controls are typically found in the device's 'Settings' or 'Connections' menu.
3. On your device's list of Discoverable devices, you should now see 'Q-BT3-xxx' where xxx is a pre-defined three digit number.
4. Select 'Q-BT3-xxx' and your device will now be Paired via Bluetooth® and Connected
5. From within the music player on your device, select 'Q-BT3-xxx' as the audio output and press Play. Unless the remote has been used to manually select another source and override Auto-Source Selection the unit will switch to Bluetooth® input and the LED turn Blue.

Please Note:

Although starting to Play a track on the connected source will cause the Q-BT3 to switch to Bluetooth®, the unit will stay on Bluetooth® until the source is disconnected. It will not switch to another source whilst the player is paused.

Please Note:

When connected the device's volume and mute controls control the device itself, not Q-BT3. Better audio quality will be achieved by having the device set at a higher volume level and the Q-BT3 at a lower level.

GOING OUT OF RANGE

When a connected device goes out of range, Q-BT3 will remain on the Bluetooth channel. When the device returns in range it will automatically re-connect to Q-BT3. In many cases PLAY must be pressed on the device to resume audio playback. Whilst out of range, source can still be changed using the SOURCE SELECT button.

Please Note:

If the source does not come back into range for 20 minutes the unit will automatically go into standby.

PAIRING MORE THAN ONE BLUETOOTH® DEVICE

The Q-BT3 can have up to Eight Bluetooth® devices in its pairing list. When you pair with the 9th device the details of the first device will be lost.

Once Q-BT3 is Connected with a device, it will stop automatically searching for other devices to pair with or connect to. Under these conditions please either disconnect the currently connected source on the device itself or press the BT Pair button on the rear panel of Q-TV3.

COMING OUT OF STANDBY

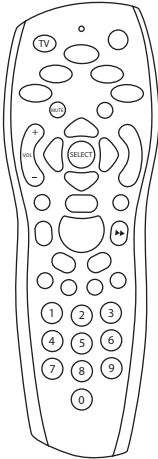
If there is a paired device in proximity to Q-BT3 when it comes of standby it will automatically initiate a connection to the device. It will not switch to BT input until Play is pressed on the device.

CABLE/SATELLITE REMOTE CONTROL

The Q-BT3 has been designed for easy integration into your home entertainment system and has the ability to respond to two of the leading brands of Cable Satellite Television remote controls. In order for this to function correctly, your Cable Satellite remote must be programmed accordingly.

Following the programming procedure for your remote (specified below for the two leading brands), please enter either code "1217" or "1141". This will set your remote up to output the standard RC-5 codes for AV Amplifiers as specified by Phillips.

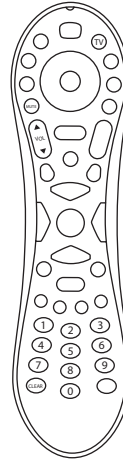
Brand 1



- Press the "TV" button (top left of remote).
- Point remote away from receiver, press and hold "Select + 0".
- The remote's LED will flash red twice.
- Enter "1217". The remote's LED will flash red twice to confirm correct code.
- Press and hold "Select + 1".
- The remote's LED will flash red twice.
- Your remote controls will now work as such:

Button	Function
Vol +	Volume up
Vol -	Volume down
Mute (press)	Mute
Mute (long press)	Standby
▶▶	Source select

Brand 2



- Press the "TV" button (top right of remote).
- Point remote away from receiver, press and hold "Clear + Vol ▲".
- The remote's LED will flash green twice.
- Enter "1141". The remote's LED will flash green twice to confirm correct code.
- Your remote controls will now work as such:

Button	Function
Vol ▲	Volume up
Vol ▼	Volume down
Mute (press)	Mute
Mute (long press)	Standby



Specification

Audio Performance

Power Output:	40W Continuous x 2 Channels into 4Ω for 80 Watts Total Amplification; 20Hz to 20kHz
THD (at rated power):	<1.00%
Damping Factor:	>15
Input Sensitivity (for rated power @ max VC, analogue L&R inputs):	335mV
Input Impedance (analogue L&R inputs):	20kΩ
Input Overload (analogue L&R inputs):	2.0Vrms
Frequency Response:	±0.5dB 20Hz to 20kHz
Channel Separation:	>50dB @ 10kHz
Cross Talk Between Sources:	> 60dB @ 10kHz
S/N Ration (A-Wtd, dB below 1 Watt):	-80dB

Speakers

Enclosure Type:	2-Way Reflex
Mid Range Driver:	100mm
Tweeter:	30mm

Power Consumption

Standby:	<0.5 Watts
No Signal (idle):	14 Watts
At 1/8 of Rated Power (5 Watts/Channel, 4Ω):	40 Watts
Rear Panel marked Line Ratings:	100~240V - 50~60Hz 100W

Dimensions

(H x W x D):	240mm x 148mm x 208mm
Depth including terminals:	226mm

Weight

Active Right Speaker:	3.8kg
Passive left Speaker:	3.4kg
Total Weight:	7.2kg



Q Acoustics Warranty

Q Acoustics products are warranted free of defects in materials and workmanship for a period of 2 years from the date of purchase. During the warranty period Q Acoustics will, at its option, repair or replace any product found to be faulty after inspection by the company or its appointed distributor or agent.

Misuse and fair wear and tear and not covered by warranty.

Goods for repair should in the first instance be returned to the supplying dealer. If this is not possible the item/s should be sent carriage paid preferably in the original packaging to Q Acoustics or their appointed distributor for your area and accompanied by proof of purchase. Damage sustained by goods in transit to the repair centre is not covered by the warranty. Return carriage will be paid by Q Acoustics or their distributor as appropriate.

The warranty does not in any way affect your legal rights.

Appointed Distributor Warranty Agent in the UK:

Armour Home Electronics Ltd.
Stortford Hall Industrial Park
Bishops Stortford, Herts, UK
CM23 5GZ



Bluetooth® The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Armour Home Electronics Ltd. is under license. Other trademarks and trade names are those of their respective owners.



FCC Warning

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.

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

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.



www.qacoustics.co.uk