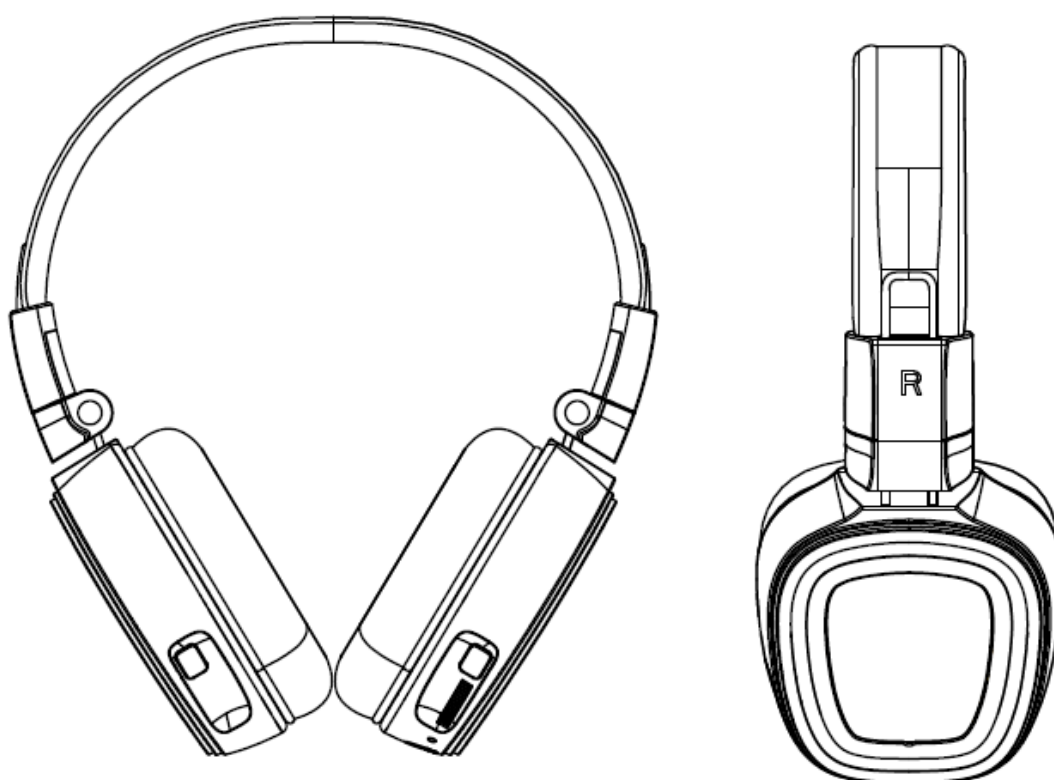


QSD-3PRO

Silent Disco Headphones

3 selectable channels | 863-865 MHz



MODEL	SYSTEM
QSD-3PRO	Q-Silent Disco

Read this manual before operating or charging the headphones.
Retain it for future reference.

Important Safety Information



Hearing safety

Set the volume to a low level before putting on the headphones. Prolonged exposure to high sound levels can cause permanent hearing damage.

General use

- Keep the headphones dry and away from rain, splashes and excessive humidity.
- Do not use the product if the casing, cable, connector or battery appears damaged.
- Do not dismantle or modify the headphones. There are no user-serviceable parts inside.
- Keep the product away from excessive heat, naked flames and direct sunlight.

Charging and battery

- Charge only through the USB-C port using suitable 5 V USB charging equipment.
- Do not charge the headphones when wet or in an excessively hot environment.
- Stop using the product immediately if the battery swells, leaks, overheats or produces an unusual smell.
- Do not crush, puncture, short-circuit or incinerate the built-in rechargeable battery.

Product Overview

The Q-Audio QSD-3PRO is a rechargeable three-channel stereo RF headphone receiver for silent disco, conference, exhibition and event applications. Each user can select one of three audio channels and adjust their own listening level independently.

The headphones operate in the UK licence-free CH70 band and are designed for use with the QSD-3PROTX or QSD-3PROBTX transmitter. Multiple QSD-3PRO headphones can receive the same transmitted programme.

Key Features

Three selectable stereo channels between 863 and 865 MHz.

Blue, red and green illumination identifies the selected channel.

Individual volume control on every headset.

Comfortable padded ear cushions for extended use.

Built-in rechargeable lithium battery with USB-C charging.

Battery level display and automatic power saving when no signal is received.

40 mm drivers with noise-reducing over-ear design.

Optional wired listening through the 3.5 mm auxiliary input.

Package Contents

Headphones

1 × QSD-3PRO silent disco headphone receiver

Charging equipment

Sold separately or supplied as part of a Q-Silent Disco bundle

Controls and Connections

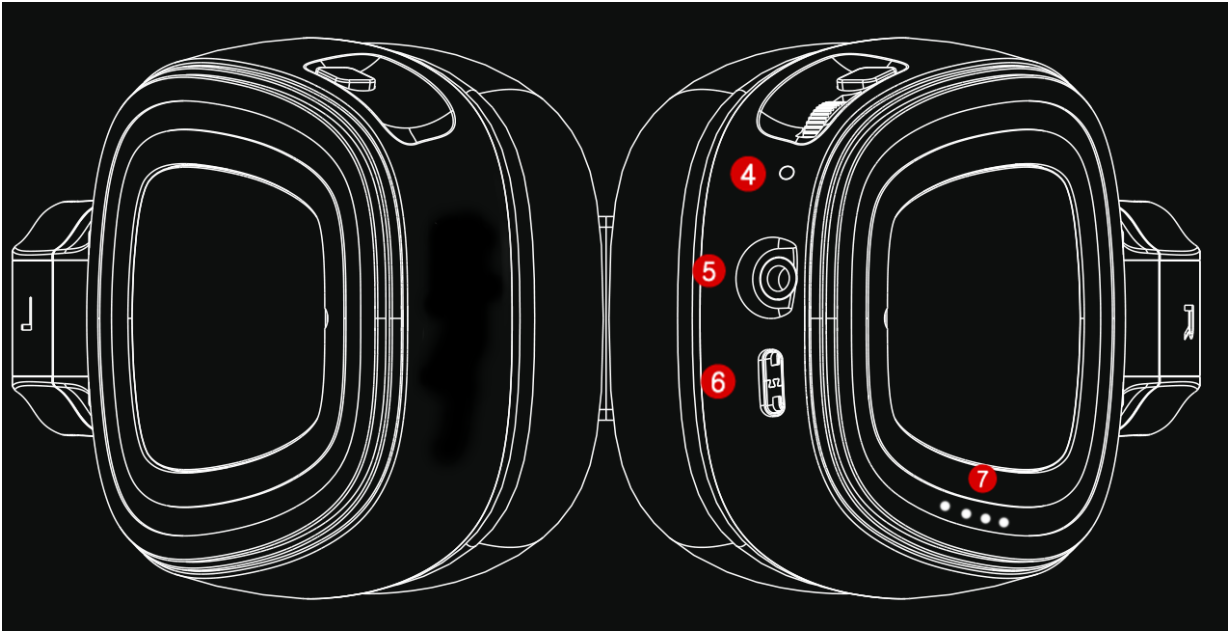
The control labels are printed directly on the earcups. The exact appearance may vary slightly between production batches, but the functions remain the same.



Top controls: LED button, PWR/TUNE button and volume control

Control	Function
PWR/TUNE	Press and hold for approximately three seconds to switch the headphones on or off. While switched on, press briefly to select the next channel. When the headphones are off, press briefly to display the remaining battery level.
V+ / V-	Move the control towards V+ to increase the listening level or towards V- to reduce it.
LED	Changes the headset illumination mode. The lighting can be enabled, disabled or set to react to the programme audio. This button does not change the selected audio channel.

Connections and Indicators



Item	Description
4 Status indicator	Shows power and charging status. Red indicates charging; green indicates that charging is complete.
5 AUX input	3.5 mm input for use as conventional wired headphones. Switch the headphones off before connecting a wired audio source.
6 USB-C port	Charging input only.
7 Battery LEDs	Four LEDs indicate the approximate remaining battery level. One LED represents 0-25%; four LEDs represent 75-100%.

Setup

Charging the Headphones

1	Connect the charger Connect a suitable USB-C charging cable or place the headphones on a compatible Q-Audio multi-charging system.
2	Check the charging indicator The status indicator illuminates red while charging. The indicator changes to green when charging is complete.
3	Allow a full charge A complete charge from empty takes approximately three hours. Disconnect the charging cable before normal use.
!	Compatible charging systems The QSD-3PRO is compatible with the Q-Audio SD-CH20 and SD-CH48 USB-C multi-charging systems.

Operation

1	Start the transmitter Connect the required audio source to the QSD-3PROTX or QSD-3PROBTX transmitter and select the channel to be used.
2	Switch on the headphones Press and hold PWR/TUNE for approximately three seconds. Set the volume low before placing the headphones over your ears.
3	Select a channel Press PWR/TUNE briefly until the required programme is heard. The headset illumination identifies the selected channel.

Channel	Frequency	Indicator colour
CH1	863.1 MHz	Blue
CH2	863.8 MHz	Red
CH3	864.9 MHz	Green

4	Set the listening level Use V+ / V- to set a comfortable level. Reduce the volume immediately if the sound becomes uncomfortable or distorted.
5	Choose the LED mode Use the LED button to enable, disable or select the audio-reactive lighting mode.
6	Switch off after use Press and hold PWR/TUNE for approximately three seconds, then return the headphones to the charging system if required.

Automatic Power Saving

If no RF signal is detected, the headphones mute automatically and switch off after approximately ten minutes to conserve battery power.

Wired Listening

Switch the headphones off, then connect a 3.5 mm audio cable to the AUX input. In wired mode, channel selection and RF reception are not used.

Troubleshooting

Before requesting service, work through the checks below. Always test with a known working transmitter, audio source and charging cable where possible.

Checks and corrective action	
Headphones do not switch on	Charge the battery fully. Press and hold PWR/TUNE for approximately three seconds. Check that the charging cable has been disconnected before use.
No sound is heard	Confirm that the transmitter is powered and receiving audio. Select the matching channel. Increase the headset volume gradually. Check that no cable is connected to the AUX input.
Wrong programme is heard	Press PWR/TUNE briefly to move through CH1, CH2 and CH3 until the required programme is selected.
Intermittent or noisy	Move closer to the transmitter and reduce obstructions between the transmitter and headphones. Check the transmitter antenna and input level. Keep the system away from strong RF interference.
Audio is distorted	Reduce the headphone volume and the audio level feeding the transmitter. Confirm that the source signal is not clipping.
Headset LEDs do not illuminate	Press the LED button to change lighting mode. Check the battery level and confirm that the headphones are switched on.
Headphones do not charge	Try another USB-C cable and suitable USB power source. Inspect the charging port for debris or damage. Confirm that the headset is seated correctly when using a multi-charger.
Operating time is reduced	Fully recharge the headphones. Battery capacity gradually decreases with age and repeated charge cycles. Contact your supplier if operating time becomes unusually short.
!	Service Do not open the headphones. If the problem remains after completing these checks, stop using the headphones and contact an authorised Q-Audio dealer or service representative.

Specifications

Specification	Details
Product type	Three-channel stereo RF headphone receiver
RF system	UHF / RF, UK licence-free CH70 band
Selectable channels	3
Channel frequencies	863.1 MHz / 863.8 MHz / 864.9 MHz
Driver	40 mm (1.5 inch) Mylar
Impedance	32 ohms
Frequency response	50 Hz - 15 kHz
Signal-to-noise ratio	≥ 80 dB
Channel separation	> 40 dB
Total harmonic distortion	< 1%
Battery	Built-in 1000 mAh rechargeable lithium battery
Operating time	Approximately 8-10 hours, depending on volume and LED use
Charging time	Approximately 3 hours from empty
Charging connection	USB-C
Compatible transmitters	QSD-3PROTX and QSD-3PROBTX
Compatible multi-chargers	SD-CH20 and SD-CH48
SKU	902.000UK
EAN	5060536759310

Maintenance

Switch the headphones off and disconnect all cables before cleaning.

Wipe the exterior and ear cushions with a soft, dry or slightly damp cloth.

Do not use solvents, abrasive cleaners or aerosol sprays.

Inspect the ear cushions, controls and charging port regularly for wear, contamination or damage.

Store the headphones in a cool, dry location. Recharge the battery periodically during long-term storage.

Disposal

This product contains electronic components and a built-in rechargeable battery. Do not dispose of it with general household waste. Use an appropriate electrical and electronic equipment recycling facility in accordance with local regulations.



Specifications

Product specifications and appearance may be updated without notice. Operating time varies with listening level, LED mode, battery condition and environmental factors.