

FreeStage6 / FreeStage8

Battery-Powered Multi-Use Speakers

100 W Class D amplification | Bluetooth, USB and flexible wired inputs



MODELS
FreeStage6 / FreeStage8

SYSTEM
Portable powered loudspeakers

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

Important Safety Information



Hearing safety

Set all channel levels low before switching on. Increase volume gradually and avoid prolonged exposure to high sound levels.

General use

Keep the loudspeaker dry and away from rain, splashes and excessive humidity.
Do not block ventilation openings or place the unit next to heat sources.
Place the speaker on a stable surface and route cables to prevent trips.
Do not suspend or fly the speaker unless approved hardware and qualified personnel are used.

Battery safety

Use the internal battery only as intended and do not expose it to excessive heat.
Stop using the product if the battery becomes swollen, leaks, overheats or is damaged.
Battery servicing must be completed by qualified personnel.
Recharge periodically during long-term storage.

Mains and electrical safety

Confirm that the mains supply matches the 100-240 V AC, 50/60 Hz rating.
Disconnect the mains lead before connecting equipment, cleaning or servicing.
Do not use a damaged cable, plug or mains inlet.
Replace a fuse only with the same type and rating.

Care and handling

Switch the unit off before moving it or making connections.
Do not stack cabinets where they could fall or cause injury.
Clean only with a soft, dry cloth; never use solvents or petrochemical cleaners.
Keep liquids and objects away from all connectors and controls.

Product Overview

The Q-Audio FreeStage6 and FreeStage8 are compact battery-powered loudspeakers for speech, music playback, presentations, small events and portable entertainment. Both models combine two microphone/instrument channels with wired line inputs, USB playback, Bluetooth audio and a rechargeable internal battery.

Key Features

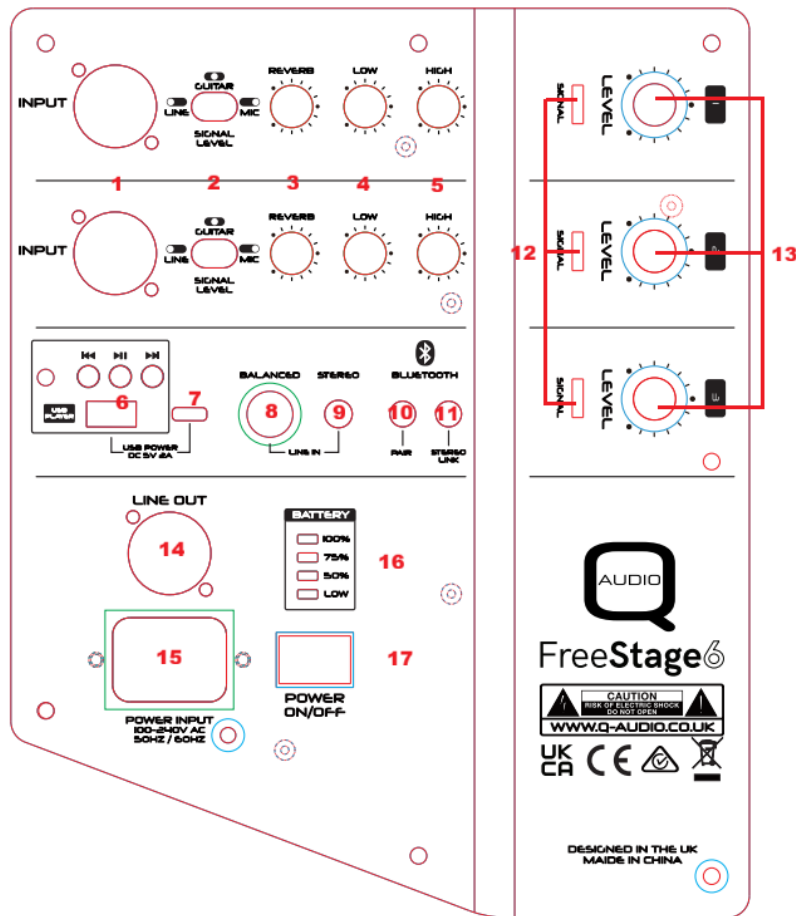
100 W RMS Class D amplifier with DSP processing.
Coaxial loudspeaker system in a compact portable enclosure.
Two XLR/6.35 mm combo inputs with selectable microphone, line or guitar sensitivity.
Independent reverb, low and high EQ controls for input channels 1 and 2.
Bluetooth, USB media playback, 6.35 mm balanced line input and 3.5 mm stereo input.
TWS function for wireless stereo operation with a second compatible FreeStage loudspeaker.
Rechargeable internal battery and 100-240 V AC mains operation.

Package Contents

Item	Quantity / details
FreeStage6 or FreeStage8 loudspeaker	1
IEC mains lead	1
Infrared remote control	Where supplied
User manual	1

Controls and Connections

The rear control panel and operating functions are shared by both models. The control layout is numbered below; product appearance may vary slightly between models and production batches.



Rear panel control layout (FreeStage6 shown)

No.	Control	Function
1	Combo input 1 / 2	Balanced XLR/6.35 mm input for microphone, line-level or instrument signals.
2	GUITAR / LINE / MIC switch	Selects the correct input sensitivity for the connected source.
3	REVERB	Adjusts the amount of reverb applied to channel 1 or 2.
4	LOW	Adjusts low-frequency tone for channel 1 or 2 from approximately -12 dB to +12 dB.
5	HIGH	Adjusts high-frequency tone for channel 1 or 2 from approximately -12 dB to +12 dB.
6	USB player	USB-A media socket with previous, play/pause and next controls.
7	USB-C 5 V / 2 A output	Provides power for charging a compatible mobile device. It does not charge the loudspeaker.

Controls and Connections (continued)

No.	Control	Function
8	6.35 mm balanced line input	Accepts a balanced mono line-level signal for channel 3.
9	3.5 mm stereo line input	Accepts stereo audio from a phone, tablet, computer or other playback device.
10	IR receiver	Receives commands from the compatible infrared remote control, where supplied.
11	Bluetooth / TWS LINK	Used for Bluetooth audio operation and to link two compatible speakers for TWS stereo.
12	Signal indicators	Show signal activity for channels 1, 2 and 3.
13	Channel level controls	Set the output level of channels 1, 2 and 3.
14	XLR LINE OUT	Line-level mixed output for connection to another suitable powered speaker, mixer or recorder.
15	IEC mains inlet	Connect the supplied mains lead for 100-240 V AC, 50/60 Hz operation and battery charging.
16	Battery level indicator	Displays the approximate remaining battery level: 100%, 75%, 50% or LOW.
17	POWER ON/OFF	Switches the loudspeaker on or off.

Channel Assignment

Channel	Sources and controls
Channel 1	Combo input 1, source selector, reverb, low EQ, high EQ and level.
Channel 2	Combo input 2, source selector, reverb, low EQ, high EQ and level.
Channel 3	USB, Bluetooth, 6.35 mm line input and 3.5 mm stereo input, controlled by the third level knob.



Input level

Select MIC, LINE or GUITAR before raising the channel level. Using the wrong sensitivity can cause low output, excessive noise or distortion.

Setup

- 1 **Position the loudspeaker**
Place the loudspeaker on a stable, level surface. Keep the ventilation areas clear and protect the unit from rain, heat and direct sunlight.
- 2 **Turn levels down**
Set all three LEVEL controls and the REVERB controls to minimum before connecting sources or switching on.
- 3 **Connect audio sources**
Connect microphones, instruments, mixers or playback devices to the appropriate inputs. Use balanced cables where possible.
- 4 **Connect mains power if required**
Connect the supplied IEC lead to the 100-240 V AC mains inlet. The loudspeaker can operate from mains power while charging the internal battery.
- 5 **Switch on and set levels**
Move POWER to ON, start the source, then raise the relevant channel level gradually. If sound becomes distorted, reduce the source or channel level.

Mains and Battery Operation

The loudspeaker can operate from its internal rechargeable battery or from a suitable 100-240 V AC, 50/60 Hz supply. Connecting mains power supplies the loudspeaker and charges the internal battery.

Indicator	Meaning
100%	Battery is at or near full charge.
75%	Battery has a high remaining charge.
50%	Battery has approximately half of its usable charge remaining.
LOW	Recharge the loudspeaker as soon as practical.



Battery care

Do not store the loudspeaker with a fully depleted battery. Switch the unit off after use and recharge it periodically during storage.

Connection Guidance

Use the MIC setting for dynamic microphones and other microphone-level sources.

Use the LINE setting for mixers, keyboards, wireless microphone receivers and other line-level equipment.

Use the GUITAR setting for high-impedance instrument sources such as an electric guitar.

Keep source output levels moderate and use the relevant channel control to set the final listening level.

Operation

Microphone, Line and Instrument Inputs

- 1 Connect the source**
Connect the microphone, line-level device or instrument to combo input 1 or 2.
- 2 Select the input type**
Set the adjacent switch to MIC, LINE or GUITAR to match the source.
- 3 Set tone and effects**
Start with REVERB, LOW and HIGH at their centre or minimum positions, then adjust to suit the programme.
- 4 Raise the level**
Increase the channel LEVEL gradually while the source is active. Reduce the level if the signal sounds harsh or distorted.

Using the Additional Line Inputs

Channel 3 accepts either a balanced mono signal through the 6.35 mm LINE IN socket or a stereo signal through the 3.5 mm input. Connect the source with channel 3 turned down, start playback, then raise the third LEVEL control gradually.

USB Media Playback

- 1 Insert a USB drive**
Use a compatible USB storage device containing supported audio files.
- 2 Control playback**
Use the previous, play/pause and next buttons above the USB socket.
- 3 Set the listening level**
Use the channel 3 LEVEL control. File compatibility can vary with the storage device and audio encoding.

Infrared Remote Control

Where a compatible remote control is supplied, point it towards the IR receiver on the rear panel. Keep the receiver unobstructed and operate the remote within a clear line of sight.

Bluetooth and TWS

Bluetooth Audio

- 1 Select Bluetooth mode**
Use the media controls to select Bluetooth audio mode.
- 2 Open the source device settings**
Enable Bluetooth on the phone, tablet or computer and search for available audio devices.
- 3 Pair the loudspeaker**
Select the model name shown on the device. Keep the source close to the loudspeaker during first pairing.
- 4 Play and adjust**
Start playback and set the source volume to a sensible level, then use channel 3 LEVEL for the required output.

TWS Wireless Stereo Link

TWS allows two compatible FreeStage loudspeakers to reproduce Bluetooth audio as a stereo pair. Place both units close together, switch both to Bluetooth mode and make sure neither is connected to another source. Use the TWS LINK button on the speakers to establish the pair, then connect the Bluetooth source to the primary loudspeaker.

Use two matching models for the most reliable stereo operation.

If linking fails, clear existing Bluetooth connections, restart both loudspeakers and try again at close range.

XLR Line Output

Use a balanced XLR cable from LINE OUT to a suitable line-level input on another powered loudspeaker, mixer or recording device. Turn down the receiving equipment before connecting the cable, then raise its input level gradually.

USB-C Device Charging Output

The USB-C socket supplies 5 V / 2 A for charging compatible portable devices. It is an output only and must not be used as the loudspeaker mains or battery charging input.



Connection safety

Do not connect speaker outputs, amplified signals or unsuitable power supplies to any audio input or output.

Troubleshooting

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

Problem	Checks and corrective action
The speaker does not switch on	Confirm the POWER switch is on. Connect the IEC mains lead and verify the wall outlet works. If using battery power, recharge the internal battery.
No sound from channel 1 or 2	Check the cable and source. Confirm the MIC/LINE/GUITAR switch matches the connected equipment. Raise the source output and the correct channel LEVEL.
No sound from channel 3	Confirm the correct media or line source is active. Check Bluetooth pairing, USB playback or the 6.35 mm / 3.5 mm cable, then raise channel 3 LEVEL.
Sound is distorted	Reduce the connected source level and the channel LEVEL. Confirm the input selector is correct. Reduce LOW, HIGH or REVERB if excessive.
Microphone feedback occurs	Move the microphone behind the loudspeaker, lower the microphone channel level and avoid pointing the microphone towards the cabinet.
Bluetooth will not connect	Move the source closer, disconnect it from other Bluetooth equipment and clear previous pairings. Restart both devices and try again.
TWS will not link	Confirm both units are compatible FreeStage loudspeakers in Bluetooth mode and are not connected to another source. Restart both units and retry at close range.
USB files do not play	Try a different compatible USB device and standard audio files. Remove unsupported files or unusual folder structures.
Battery operating time is reduced	Fully recharge the battery. High volume and USB-C device charging reduce operating time. Battery capacity naturally declines with age and use.
The line output is noisy	Use a balanced XLR cable, keep audio cables away from mains leads and confirm the receiving input is set for line level.



Service

There are no user-serviceable parts inside. If the problem remains after completing these checks, switch the unit off and contact an authorised Q-Audio dealer or service representative.

Maintenance

Switch the loudspeaker off and disconnect the mains lead before cleaning.

Wipe the enclosure and control panel with a soft, dry or slightly damp cloth.

Do not use solvents, abrasive cleaners or aerosol sprays.

Inspect the mains lead, connectors, controls and cabinet regularly for wear or damage.

Store the loudspeaker in a cool, dry location and 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.

Technical Datasheet

Specification	FreeStage6	FreeStage8
Product type	Battery-powered multi-use loudspeaker	Battery-powered multi-use loudspeaker
Frequency response	60 Hz - 19 kHz	50 Hz - 19 kHz
Maximum SPL	112 dB	115 dB
Amplifier output	100 W RMS Class D with DSP processing	100 W RMS Class D with DSP processing
DSP	Yes	Yes
Loudspeaker system	6.5-inch coaxial transducer, 30 oz magnet, 1.5-inch voice coil and 1.35-inch HF driver	8-inch coaxial transducer, 40 oz magnet, 1.5-inch voice coil and 1.35-inch HF driver
Input channels 1 and 2	2 x XLR / 6.35 mm combo inputs with MIC / LINE / GUITAR selection	2 x XLR / 6.35 mm combo inputs with MIC / LINE / GUITAR selection
Additional audio inputs	1 x balanced 6.35 mm line input; 1 x 3.5 mm stereo line input; USB media playback; Bluetooth	1 x balanced 6.35 mm line input; 1 x 3.5 mm stereo line input; USB media playback; Bluetooth
Audio output	1 x balanced XLR line output	1 x balanced XLR line output
Device charging output	USB-C, 5 V / 2 A	USB-C, 5 V / 2 A
Mains supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
Internal battery	12 V / 6 Ah rechargeable battery	12 V / 8 Ah rechargeable battery
Product dimensions (L x W x H)	290 x 240 x 335 mm	305 x 260 x 405 mm
Net weight	6.6 kg	8 kg
Packaged dimensions (L x W x H)	330 x 283 x 390 mm	357 x 312 x 464 mm
Packaged weight	7.6 kg	9.2 kg



Specification notice

Specifications and appearance may be updated without notice. Operating time varies with volume, programme material, connected devices, battery condition and environmental factors.