DUOECHO

Stereo Portable Wireless speaker

Model: SSP3224-40

1. Product Description

A pair of wireless speaker that can be used either individually or both together in True Wireless Stereo (TWS) mode

2. In the box

Micro USB charging cable

Documentation

One pair of 2.2 channel portable wireless speaker

3. Product characteristic

【TWS mode】can be used as a pair for enhanced experience

【Lossless sound quality】aptX support for superior quality music

【Single speaker mode】speaker can be used individually for ease of portable

【Use of high quality electrolytic capacitance】finer high frequency and deeper low frequency

【Built-in microphone】 hands-free call

【Longer battery life】 built-in high capacity lithium battery for USB charging

【Easy control】 one key control; Power, wireless pairing, phone answering

【Portable】small and ease of portable

4. Product appearance

5. (Product user manual)

Multi-function button definition:

    Short press: press time 0.2s

    Long press: press time 1s

    Short press twice: press time 0.2s, press interval 0.4s

    Very long press: press time 3-4s

Power up:

    Very long press 3-4s, power up sound indication (increasing volume) and blinking of blue light

    To use TWS mode, both speakers need to be turned on

Wireless pairing (TWS mode):

    After powering up, L and R each short press twice. A continuous white light will be indicated.

    After both speakers are paired, long press on either of the speakers to pair it with device.

    After TWS pairing is completed, Twin mode pairing will be prioritized thereafter

Wireless pairing (single speaker mode):

    Long press when the speaker has turned on. A blue light indication appears, and pairing with device can be performed. A white light indication will appear after pairing with device is completed.

Shut down:

    Very long press 3-4s, power off sound indication (decreasing volume).

    In TWS mode, if one of the pairs is shutdown, the other pair will

automatically shut down as well.

Sound playback / pause, track change, volume adjustment:

Control via mobile phone app.

Hands-free function:

If there is an incoming call when the wirelessly connected to mobile phone; short press to accept the call, long press to reject the call. To end current call, simply short press.

(In the TWS mode, a pairing between mobile phone and speaker is required to use such function)

To mute/unmute an incoming call

During an incoming call, short press twice to mute, and short press twice again to unmute.

(In the TWS mode, a pairing between mobile phone and speaker is required to use such function)

To hold a call:

If there is an additional incoming call during a phone call, long press to hold current call and accept incoming call, long press again to return to the original phone call.

(In the TWS mode, a pairing between mobile phone and speaker is required to use such function)

Reset:

Continuous long press for 10-15s will reset wireless speaker

Function key definition	Press time	Basic function	Incoming call function
Short press	Press time 0.2s		Accept/End call
Short press twice	Press time 0.2s, press interval 0.4s	TWS pairing	Hold call
Long press	Press time 1s	Single speaker pairing	Reject call/Mute
Very long press	Press time 3-4s	Power on/off	
	Press time 10-15s	Reset speaker	

Light indication

Wireless speaker base light indication

Power on: blinking blue light

Single speaker pairing: blue light

Dual speaker (TWS mode) pairing: blue light

Pairing between speaker: white light

Incoming call: fast paced alternating blue and white light

Connected call: slow paced alternating blue and white light

Mute incoming call: blinking white light

Battery status display

Fully charged: three continuous white light

75% charged: two continuous white light

40% charged: one continuous white light

>10% charged: one blinking white light (there will be four continuous sound

indications at an interval of 30s)

Battery charging display

Orange light indication will appear during charging. When the battery is fully charged,

three white lights will be shown. If the battery is charged more than 3.5 hours after it

is fully charged, all three white light will be turn off, and the charging is terminated. It

is advised to disconnect USB charging cable to avoid potential hazardous.

Product Charging

Please use the provided micro USB charging cable, 5V/1A charger

Product specification

Product function: wireless speaker, built-in speaker, can be paired with mobile phone

for phone conference

Wireless reception distance: approx. 10 meter (with no interference)

Music format: SBC, aptX, aptX-LL, ACC decoder

Distortion rate: <3%

Signal to noise ratio: >70dB

Sound pressure level: 87dB (0.5m)

Frequency range: 120Hz – 20kHz

Charging voltage: 5V/1A

Charge time: approx. 2 hours

Play time: approx. 6-10 hours (depending on usage)

Rated power: built-in lithium battery 3.7V 1400mA/h

RF power: 9.683mW

Carrier frequency: 2402-2480MHz ISM Band Total 79 Channel

Modulation mode: GFSK,π/4-DQPSK, 8DPSK

Antenna type: FPC Antenna with -2.23 dBi

Product maintenance and warranty

The product should be avoided from: placing the product in an environment with temperature of too high or too low, liquid, flame, humid area, use solvent to wipe, dismantling, throw, heavy pressure, scratch, and wear. Quality problems attributed by these factors, as well as human error are not within the scope of warranty. When returning product, it is required to retain product integrity (including packaging, the product, and accessories).

Warranty duration: one year

Assembly origin: China

Development and design origin: Taiwan

Product material: Aluminum alloy, SPCC, ABS + PC, Lithium battery

Low power RF product warning

The product has been verified for low power RF usage, no parties are allowed to change the frequency, power or change the original design features and functions without permission.

The use of low-power RF product shall not affect the safety of air navigation and interference with lawful radio communications specified in the Telecommunications Act. When interference phenomena are found, the product should be immediately deactivated and improved to the point where they are no interference. Low-power radio-frequency products are subject to interference from lawful radio communication such as telecommunications, industrial, scientific and medical radio-frequency electrical equipment.

Federal Communication Commission Interference Statement

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.

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 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.