

SubZero COMPACT-2H-L Wireless Microphone System User Manual

SubZero COMPACT-2H-L Wireless Microphone System

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WARNING!

Do not open cover. No user-serviceable parts inside. Refer servicing to qualified service personnel
Do not place the product in a location near a heat source such as a radiator, or in an area subject to direct sunlight, excessive dust, mechanical vibration or shock.

The product must not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the product No naked flame sources, such as lighted candles, should be placed on the product Allow adequate air circulation and avoid obstructing vents (if present) to prevent internal heat build-up. The ventilation must not be impeded by covering the appliance with items such as newspapers, table-cloths, curtains etc.

If used improperly, batteries may explode or leak and cause damage or injury. In the interest of safety:

Make sure you observe the correct polarity when replacing batteries

Avoid using new batteries together with used ones

Avoid mixing different types of batteries

Remove batteries if the appliance is to remain unused for an extended period of time

Never keep batteries together with metallic objects such as ballpoint pens, necklaces, hairpins, etc.

Used batteries must be disposed of in compliance with whatever regulations for their safe disposal that may be observed in the region in which you live.

Batteries must not be exposed to excessive heat such as sunshine, fire or the like.

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

INTRODUCTION

Thank you for purchasing the Subzero SZ-VOXLINKCOMPACT-2H/L, SZ-VOXLINK-COMPACT-4H/L Wireless Microphone Systems. To get the most out of your product, please read this manual carefully.

FEATURES

- Plug and play system
- Ultra-low audio latency
- 40m line of sight range
- Carry case
- 48khz sampling rate

CONTENTS

SZ-VOXLINK-COMPACT-2H HANDHELD SYSTEM DOUBLE

- 1x 2Channel Receiver
- 2 x Handheld Transmitter
- 1 x USB charging cable (with interchangeable plug)
- 1 x 6.35mm (1/4") Jack adapter
- 1 x Manual

SZ-VOXLINK-COMPACT-2L LAVALIER/HEADSET SYSTEM DOUBLE

- 1x 2 Channel Receiver
- 2 x Lavalier Microphone
- 2 x Bodypack Transmitters
- 2 x Headset Microphone
- 1 x USB charging cable (with interchangeable plug)
- 1 x 6.35mm (1/4") Jack adapter
- 1 x Manual

SZ-VOXLINK-COMPACT-4H HANDHELD SYSTEM QUAD

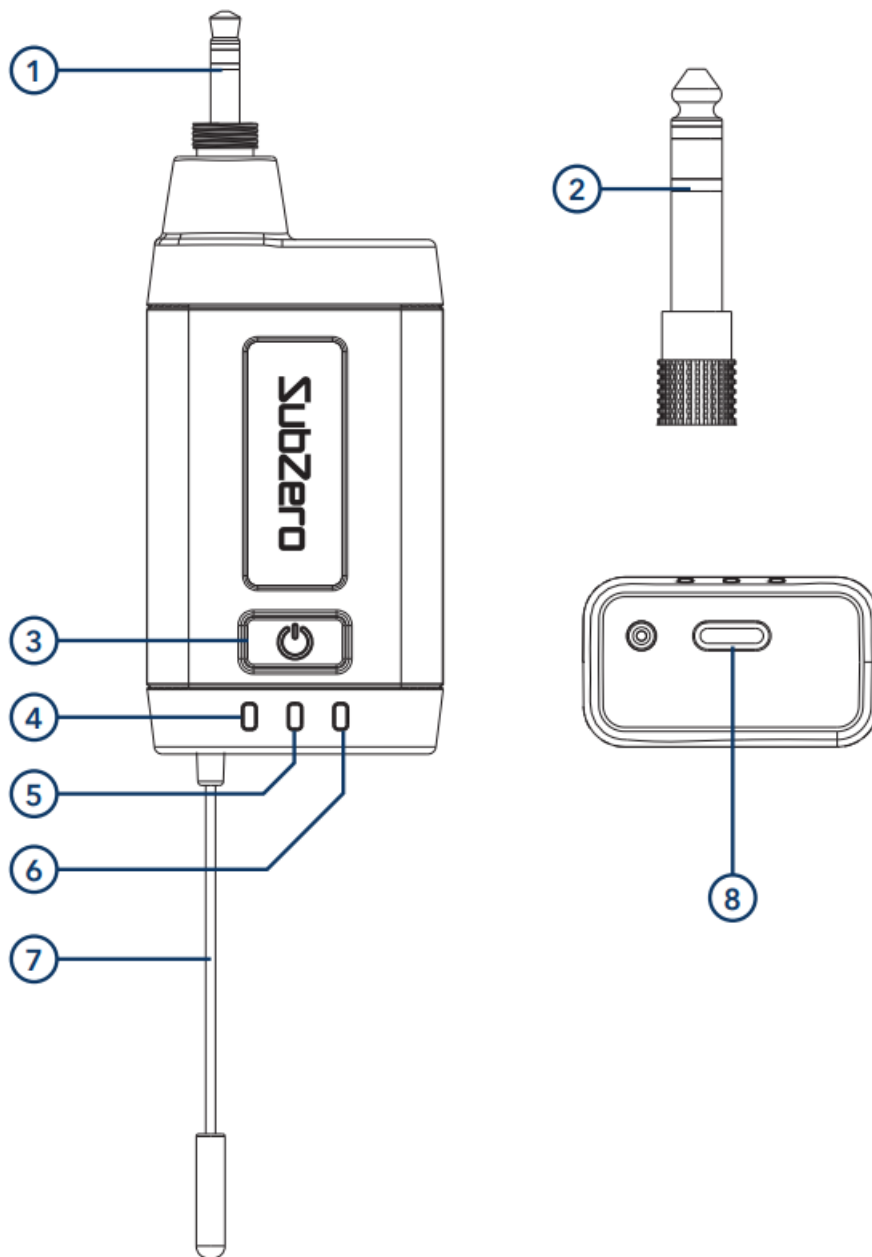
- 1x 4 Channel Receiver
- 4 x Handheld Transmitter
- 1 x USB charging cable (with interchangeable plug)
- 1 x 6.35mm (1/4") Jack adapter
- 1 x Manual

SZ-VOXLINK-COMPACT-4L LAVALIER/HEADSET SYSTEM QUAD

- 1x 4 Channel Receiver
- 4 x Lavalier Microphone
- 4 x Headset Microphone
- 4 x Bodypack Transmitters
- 1 x USB charging cable (with interchangeable plug)
- 1 x 6.35mm (1/4") Jack adapter

- 1 x Manual

FUNCTIONS 2H/L



RECEIVER

1. **3.5mm stereo output plug**

The 3.5mm stereo output plug is an output connector that allows you to send audio from the receiver to other audio equipment, such as speakers or an amplifier.

2. **3.5mm to 6.35mm stereo adapter**

This adapter allows you to connect the receiver to a wider range of audio equipment.

3. **Power button**

The power button is used to turn the receiver on or off. It's important to turn the receiver off when you're not using it to conserve battery life.

4. **Channel A signal indicator**

The channel A signal indicator shows the strength of the signal coming from the transmitter on channel A. This

is useful if you need to adjust the position of the transmitter to improve signal strength.

5. **Power/charging indicator**

The power/charging indicator shows the status of the receiver's battery. When the receiver is turned on, the indicator shows the battery level. When the receiver is charging, the indicator shows that it's charging.

6. **Channel B signal indicator**

The channel B signal indicator shows the strength of the signal coming from the transmitter on channel B. This is useful if you need to adjust the position of the transmitter to improve signal strength.

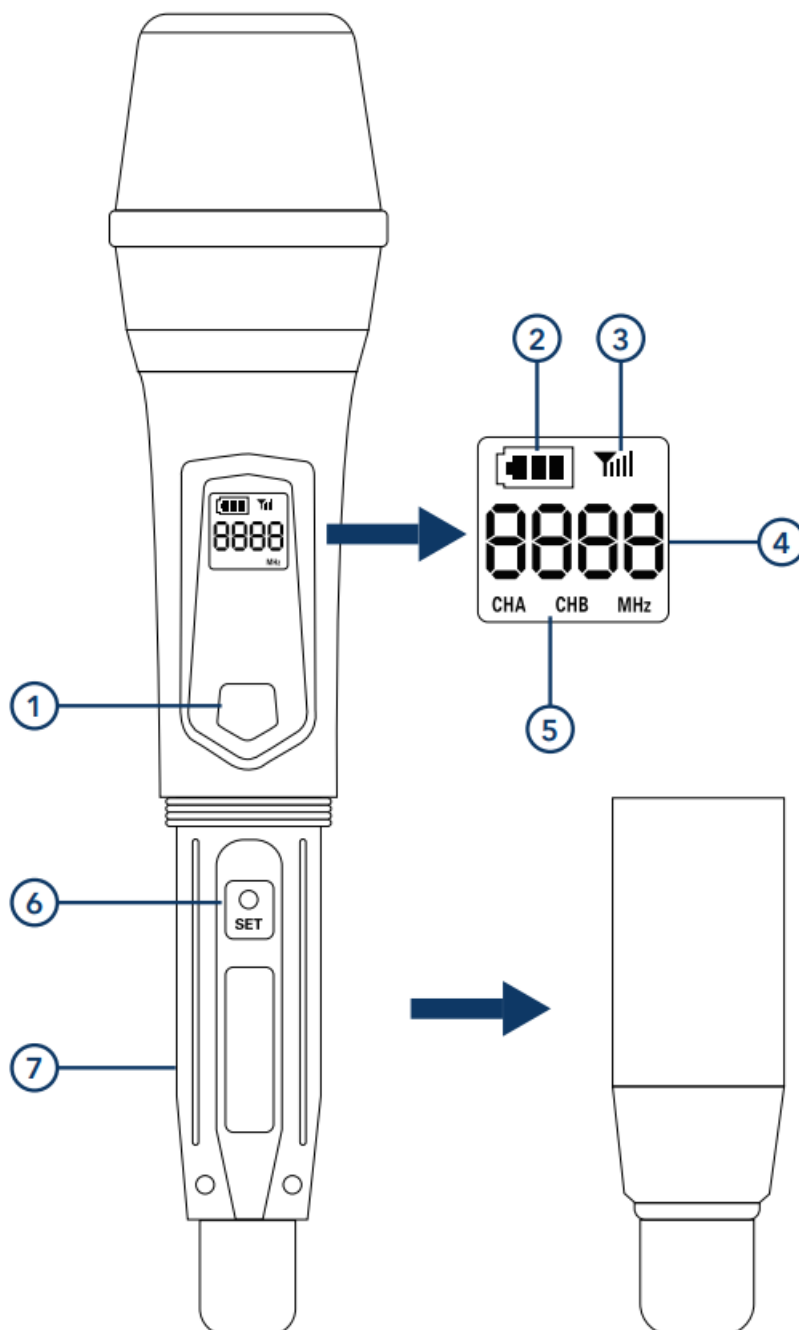
7. **Antenna**

The antenna receives the signal from the transmitter and helps ensure a strong and stable connection.

8. **Type-C charging port**

The Type-C charging port is used to charge the receiver's battery. This is useful if the battery is low, and you need to charge it before using the receiver again.

FUNCTIONS 2H



HANDHELD TRANSMITTER

1. Power button

This button turns the microphone on and off.

2. Battery Indicator

This function displays the current life of the microphone's battery.

3. Signal Indicator

The microphone will display a signal strength when it is properly connected to the receiver.

4. Frequency Display

This function displays the current frequency the microphone is transmitting on.

5. Channel A/B Signal Indicator

The microphone will display a signal indicating which channel (A or B) it is currently transmitting on.

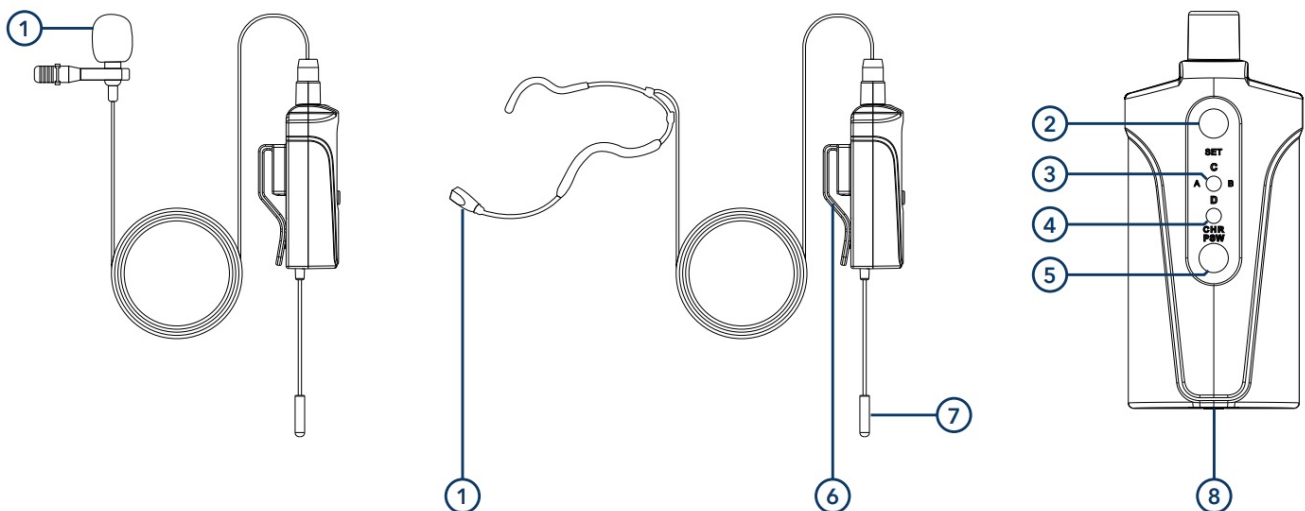
6. Set Button

This button has two functions: Switch frequency: Tap the set button to switch between the designated frequencies. Channel switch: Press and hold the set button for 1 second to switch between Channel A and Channel B.

7. Battery Compartment

Unscrew the base to expose the battery compartment. Insert 2 x 1.5V AA batteries for use.

FUNCTIONS 2L



BODYPACK/HEADSET/LAVALIER TRANSMITTERS

1. Condenser Microphone

This high-quality microphone uses a condenser element to capture clear and detailed audio.

2. Set Button

This button has two functions: Switch frequency:

Tap the set button to switch between the designated frequencies. Channel switch: Press and hold the set button for 1 second to switch between Channel A and Channel B.

3. Channel Indicator I Battery Low Voltage Indicator

The receiver has two channel indicators. The blue light indicates Channel A, while the red light indicates Channel B. The lights will remain on after the power is turned on and will flash at a frequency of 0.5 seconds when the battery voltage is low.

4. Charge Display

Illuminates when charging.

5. Power/Function Button

Switches the unit on/off.

6. Body Back Clip

The clip allows you to securely attach the receiver to clothing or a belt.

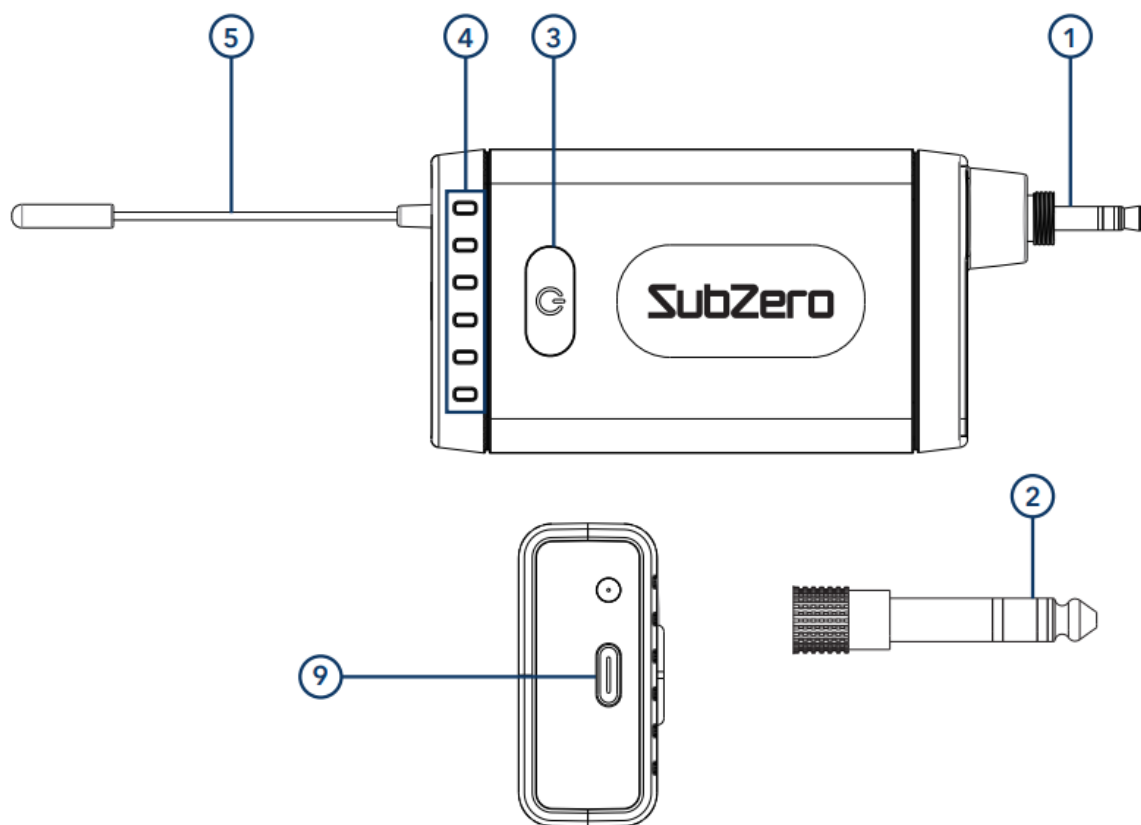
7. Antenna

The antenna transmits the signal to the receiver and helps ensure a strong and stable connection

8. Type-C charging Port

The Type-C charging port is used to charge the transmitter's battery. This is useful if the battery is low, and you need to charge it before using the receiver again.

FUNCTIONS 4H/L



RECEIVER

1. 3.5mm Stereo Output Plug

The 3.5mm stereo output plug is an output connector that allows you to send audio from the receiver to other audio equipment, such as speakers or an amplifier.

2. 3.5mm to 6.35mm Stereo Adapter

This adapter allows you to connect the receiver to a wider range of audio equipment.

3. Power button

The power button is used to turn the receiver on or off. It's important to turn the receiver off when you're not using it to conserve battery life.

4. The indicators From Left to Right Indicate:

Channel signal indicator A

The channel A signal indicator shows the strength of the signal coming from the transmitter on channel **A**. This is useful if you need to adjust the position of the transmitter to improve signal strength.

Channel Signal Indicator B

The channel B signal indicator shows the strength of the signal coming from the transmitter on channel **B**. This is useful if you need to adjust the position of the transmitter to improve signal strength.

Channel Signal Indicator C

The channel C signal indicator shows the strength of the signal coming from the transmitter on channel **C**. This is useful if you need to adjust the position of the transmitter to improve signal strength. Channel Signal Indicator D

The channel D signal indicator shows the strength of the signal coming from the transmitter on channel **D**. This is useful if you need to adjust the position of the transmitter to improve signal strength.

CHG Charging Indicator

When the receiver is charging, the indicator shows that it's charging.

PO Power Indicator

The indicator shows the status of the receiver's battery. When the receiver is turned on, the indicator shows the battery level.

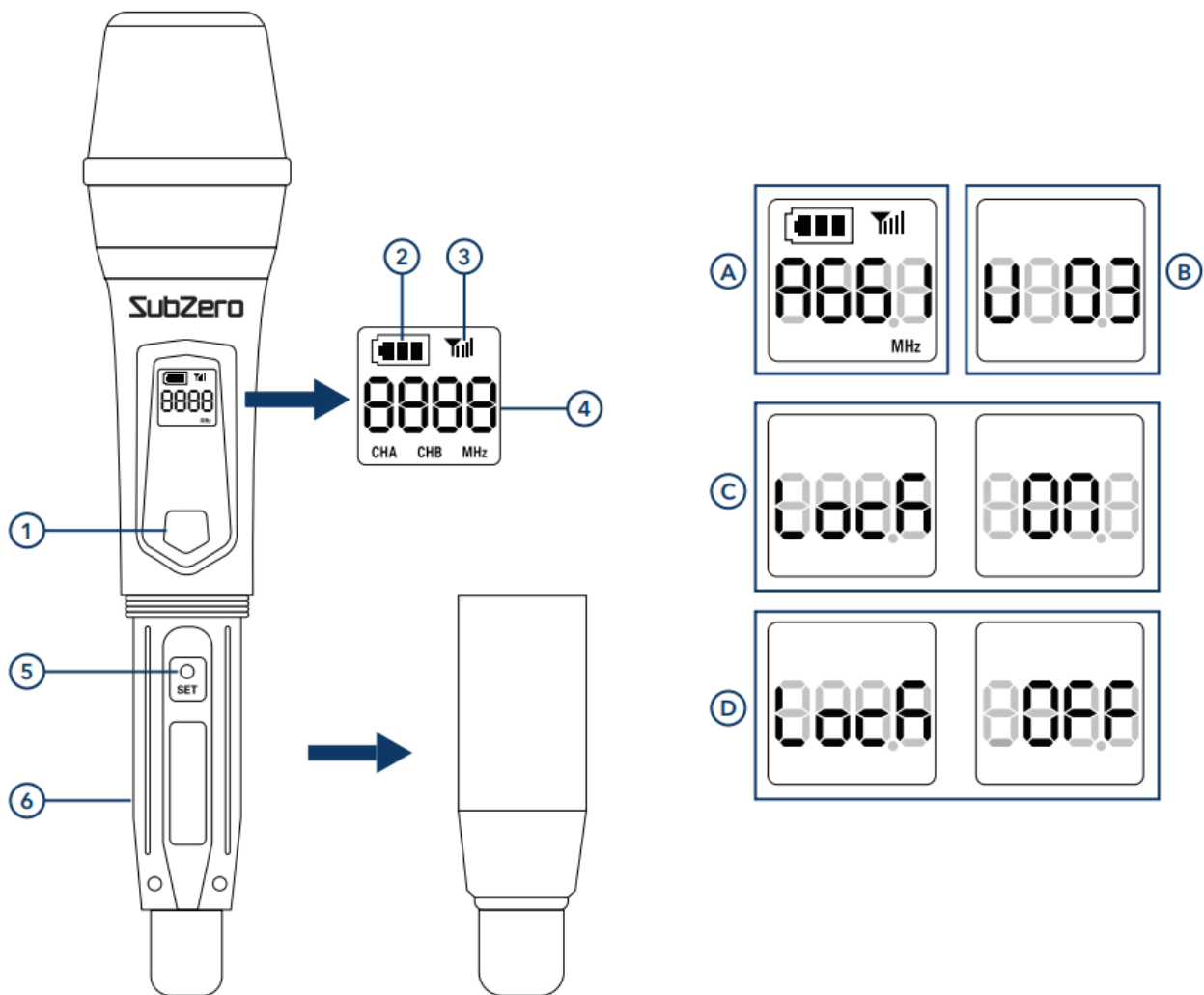
5. Antenna

The antenna receives the signal from the transmitter and helps ensure a strong and stable connection.

6. Type-C charging Port

The Type-C charging port is used to charge the receiver's battery. This is useful if the battery is low, and you need to charge it before using the receiver again.

FUNCTIONS 4H



HANDHELD TRANSMITTER

1. Power Button/Function Button

Power on/off the device by pressing and holding the power button for one second. The auxiliary functions can be accessed by pressing the set button.

2. Battery Indicator

This function displays the current life of the microphone's battery.

3. Signal Strength

The microphone will display a signal strength when it is properly connected to the receiver.

4. Channel and Frequency Display

The current channel and its corresponding frequency will be displayed on the screen. The letter "A" represents the first channel, while the frequency "number" represents frequency. (Fig A) When the device is turned on, the current volume level will be displayed on the screen. (Fig B) If the button lock mode is active or de-activated, it will also be indicated on the screen (Fig C/D)

5. Set Button

To switch channels, press and hold the "set button" until the display blanks (about four seconds). The device will cycle through the channels in the order of A, B, C and D.

To adjust the volume, press the "set button" once to enter the volume adjustment mode. The volume can then be adjusted by pressing the "set button" again. The device will exit the volume adjustment mode after five seconds of inactivity or by pressing the power button.

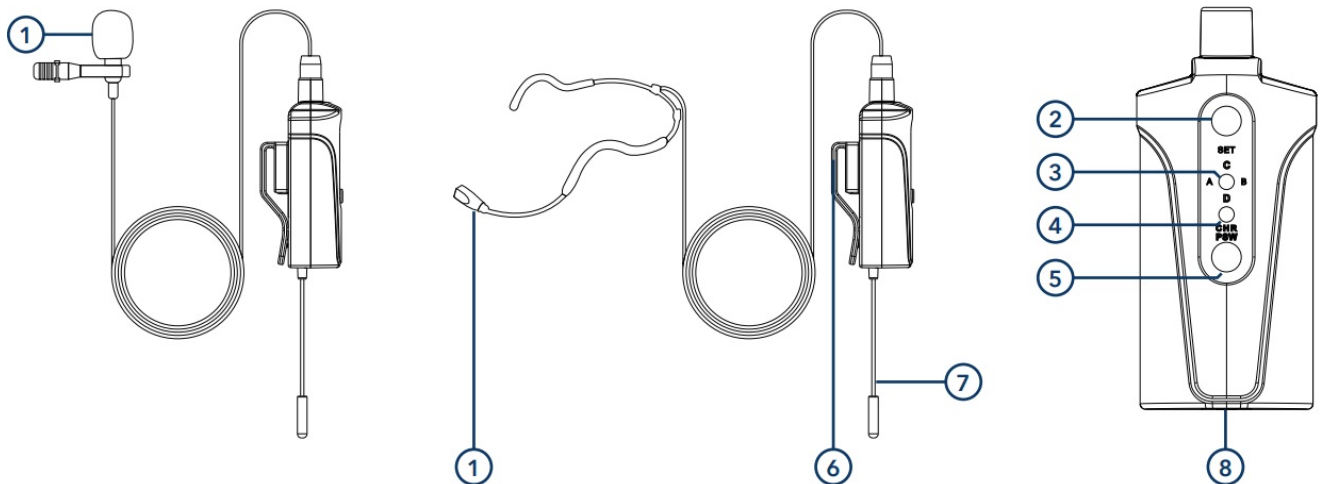
Note: To activate the button lock mode, press and hold the "set button" and power button simultaneously for

three seconds. The screen will display the lock symbol, and the channel switching, and volume adjustment functions will be disabled. To unlock the device and restore these functions, repeat the process until the unlock symbol appears on the screen.

6. Battery Compartment

Unscrew the base to expose the battery compartment. Insert 2 x 1.5V AA batteries for use.

FUNCTIONS 4L



BODYPACK/HEADSET/LAVALIER TRANSMITTERS

1. Condenser Capsule

This high-quality microphone uses a condenser element to capture clear and detailed audio.

2. Set Button

A/B/C/D channel switching: Press and hold the set button for 2 seconds to do a loop switch in order of A/B/C/D channels. Volume adjustment: The current volume level will display when the device is turned on. The number of flashes of the channel indicator when it is turned on corresponds to its volume level (6 levels adjustable). Each short press of the set button changes the volume level (incremental cycle). The number of flashes of the channel indicator during volume adjustment corresponds to the currently set volume level.

3. Channel/Battery & Volume Adjustment Indicator

The transmitter features a channel indicator and battery low voltage indicator that also doubles as a volume adjustment indicator. The channel indicator is illuminated with a blue light for CH A, red light for CH B, yellow light for CH C, and green light for CH D, allowing for easy identification of the active channel. During volume adjustment, the channel indicator functions as a volume adjustment indicator, providing a visual indication of the current volume level. When the battery is low, the corresponding channel indicator flashes at a frequency of 0.5 seconds to alert the user.

4. Charging indicator

Illuminates when charging.

5. Power/Function button Switches the unit on/off.

6. Body-pack Clip

The clip allows you to securely attach the receiver to clothing or a belt.

7. Antenna

The antenna receives the signal from the receivers and helps ensure a strong and stable connection.

8. Type-C charging Port

The Type-C charging port is used to charge the transmitter's battery. This is useful if the battery is low, and you need to charge it before using the receiver again.

OPERATION

SZ-VOXLINK-COMPACT – 2H/L

Power On/Off: To switch on the receiver or bodypack transmitter, press and hold the power button until you see the power indicator light (approx 2 seconds). To switch on the handheld mic, press and hold the power button until you see 'On' appear in the display (approx 2 seconds).

To switch off the receiver or bodypack transmitter, press and hold the power button until you see the power indicator go off (approximately 2 seconds). To switch off the handheld microphone, press and hold the power button until you see 'OFF' appear in the display (approximately 2 seconds).

Frequency Adjustment: The system has 3 pre-set frequencies for each channel, and you can switch between them by pressing the set button on the transmitter. The receiver will automatically pair with the transmitter without requiring further adjustments, provided that Intelligent Scanning mode is enabled (see below).

Intelligent Scanning & Fixed Frequency Mode:

When Intelligent Scanning Mode is enabled, the receiver will automatically detect the transmitter frequency and synchronise with it. When Fixed Frequency Mode is enabled, the receiver will not automatically synchronise with the transmitter if you switch transmitter frequencies.

To determine the current mode:

1. Switch on the receiver as described above, and watch the power indicator.
2. If the power indicator flashes 3 times just after the receiver has been switched on, this indicates that Fixed Frequency Mode is enabled. If it does not flash, Intelligent Scanning Mode is enabled.

To swap between Intelligent Scanning Mode and

Fixed Frequency Mode:

1. Switch on the receiver as described above.
2. Press the power button as if switching off the receiver, but keep the button pressed after the power indicator has gone off until you see the indicator flash 3 times. This will be about 8 seconds after the receiver has powered off.

Charging: The receiver and body-pack transmitter have built-in batteries. When the battery is low, the charging indicator will flash, indicating that it's time to recharge.

SZ-VOXLINK-COMPACT – 4H/L

Power On/Off: To turn on or off the device, press and hold the power button for one second.

Transmitter A / B/C/ D Channel Switching: To switch between channels A, B, C, and D press and hold the set button for two seconds to perform a channel search.

Frequency Adjustment: The transmitter frequencies are fixed, so the receiver will automatically pair with them without requiring any manual frequency adjustments.

Volume Adjustment: For information on how to adjust the volume for the handheld microphone and lavalier function, please refer to the “Set Button” description.

Button Lock Mode Settings: This feature is only available for the handheld microphone. Please refer to the “Handheld Microphone Function” description to learn how to enable the button lock settings.

Charging: The receiver is powered by a built-in 2000mAh lithium battery. When the battery is low, the power blue indicator will flash at a frequency of 0.5 seconds, indicating that it's time to charge. While charging, the red indicator will remain constantly on and turn off once charging is complete. Charging time typically takes around three to four hours.

SPECIFICATIONS

SZ-VOXLINK-COMPACT-2H/L

CHANNEL	INDEX	FREQUENCY
CHA	1	863.20
CHA	2	863.50
CHA	3	863.70
CHB	4	864.20
CHB	5	864.50
CHB	6	864.70

Frequency Range. 863.1-864.9MHz
Demodulation mode. Pi/4 DQPSK
Transmission delay. <6ms Sampling
Rate. 48KHz
Frequency response. 60Hz – 15KHz±2dB
Distortion. <0.8%(1KHz)
Signal/Noise Ratio. >92dB Receiver Sensitivity. -92dBm Output
interface. 3.5 mm
TRS ower supply. 3.7V lithium battery
Continuous use time. 5 hours.

Handheld Microphone

Frequency range. 863.1-864.9MHz
RF Power. 10mW
Demodulation mode. Pi/4 DQPSK
Frequency switching. Key switching.
Microphone type. Dynamic
Material. Metal tube body

Battery voltage. 3V (2*1.5VAA)
Continuous use time. 6 hours.
Size:. 257mm

Headset Microphone

Frequency range:. 863.1-864.9MHz
Microphone type. Condenser
Polar Pattern. Omni-directional
Frequency Response. 50Hz-20KHz
Sensitivity. -43 ±3dB
Impedance. 750Ω
Sound Pressure. 120dB

Lavalier Microphone

Frequency Range:. 863.1-864.9MHz
RF Power:. 10mW
Microphone type:. Condenser
Output Impedance:. ≤680Ω
Frequency response. 20-18KHZ
Signal/Noise Ratio. >58dB
Capsule size. Ø6.0 x 2.7mm
Sensitivity. -34dB±2dB
Directivity. Omni-directional
Line length. 1.2Meter

SZ-VOXLINK-COMPACT-4H/L

CHANNEL	INDEX	FREQUENCY
CHA	A863	863.2
CHA	B863	863.7
CHA	C864	864.3
CHB	D864	864.9

Frequency
Range. 863.1-864.9MHz
Channels. Pre-set 4 frequencies

Demodulation
mode. Pi/4 DOPSK
Transmission delay. . . . <6ms Sampling Rate. 48KHz
Frequency response. . . 60Hz – 15KHz±2dB
Distortion. <D.8%(1KHz)
Signal I Noise Ratio. . . >92dB.
Receive Sensitivity. . . . -92dBm.
Output interface. 3.5mm
TRS Power supply. 3.7V lithium battery
Continuous use time:. 5 hours.

Handheld Microphone

Frequency range. 863.1-864.9MHz
RF Power:. 10mW
Demodulation
mode. Pi/4 DQPSK
Channel switch:. Key switching
Microphone type. Dynamic
Material. Metal tube body
Battery voltage. 3V (2'1.5V AA)

Continuous
use time:. >6 hours.
Size:. 257mm

Headset Microphone

Frequency range. 863.1-864.9MHz
Microphone type. Condenser
Polar Pattern. Omni-directional
Frequency Response. . 50Hz-20KHz
Sensitivity. -43 ±3dB
Impedance. 750Ω
Sound Pressure. 120dB

Lavalier Microphone

Frequency Range. 863.1-864.9MHz
RF Power. 10mW
Microphone
Type. Condenser


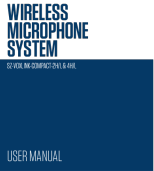
Output
Impedance. ≤680Ω
Frequency response. . 20-18KHZ
Signal Noise Ratio >58dB
Capsule size Ø6.0 x 2.7mm
Sensitivity. -34dB±2dB
Directivity. Omni-directional
Line length. 1.2 Meter

CUSTOMERS SUPPORT

KETTLESTRING LANE | YORK | YO30 4XF | UNITED KINGDOM
LAHNSTRAßE 27 | 45478 MÜLHEIM AN DER RUHR | DEUTSCHLAND
WWW.GEAR4MUSIC.COM

If you have any more questions about this product, please do not hesitate to contact the
Gear4music Customer Service Team on: **+44 (0) 330 365 4444** or info@gear4music.com

SubZero

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