

### **User Manual of Product 1:**

Shure SE215 PRO Wired Earbuds - Professional Sound Isolating Earphones, Clear Sound & Deep Bass, Single Dynamic MicroDriver, Secure Fit in Ear Monitor, Plus Carrying Case & Fit Kit - Blue (SE215SPE)

### **User Manual of Product 2:**

Shure Earphone Replacement Cable for SE Sound Isolating Earphones with MMCX Connection Detachable Cables (SE215, SE315, SE425, SE535, SE846) - 64-inches Long, Black (EAC46BK)

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## General Description

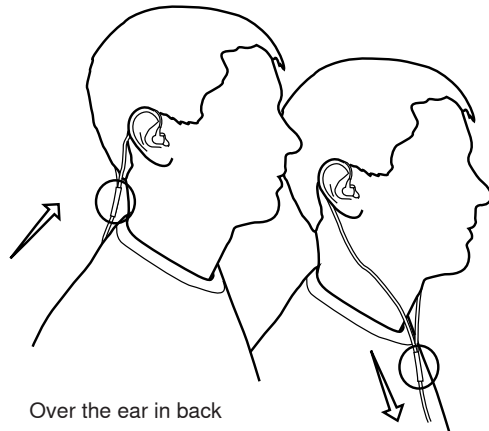
Shure Sound Isolating™ Earphones, deliver a detailed soundstage free from outside noise. The powerful and stylish Shure SE earphones come with a

detachable cable, adapters, a durable carrying case, and interchangeable Sound Isolating sleeves for a comfortable and personalized fit.

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## Wearing the Earphones

The following are some suggested ways of wearing the earphones.



Wear the cable over the ear and secure it behind the head to help keep the earphones in place during physical activity.

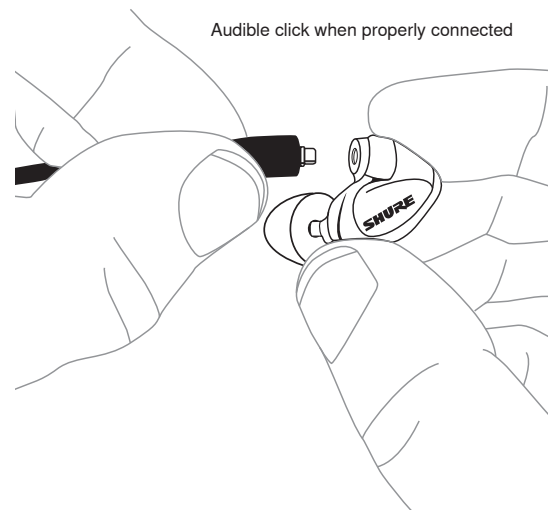
Tighten the cable and take up slack by raising the cable cinch.

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## Detachable Cable

You may need to detach the cable from the earphones to attach optional components or to replace the cable if it becomes damaged. To prevent accidental separation, the connector has a snug fit. Take special care to prevent damage to the earphone and connector.

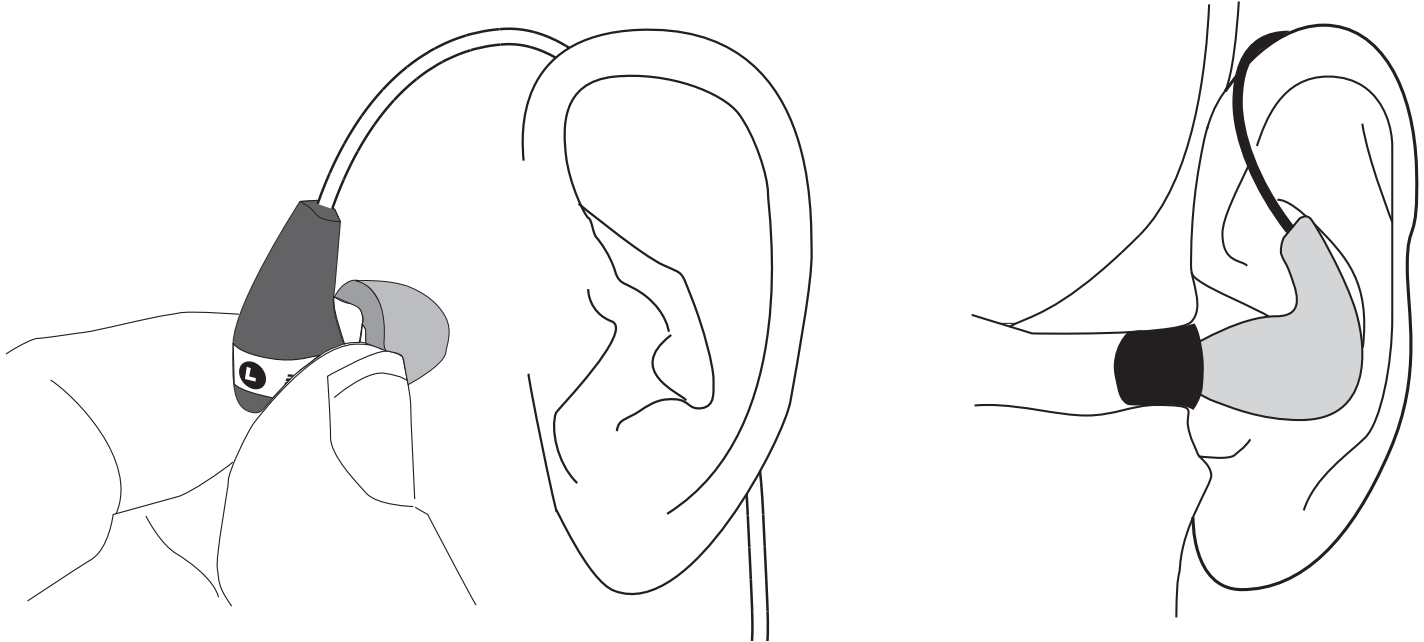
- Do not use pliers or other tools.
- Grasp the connector and the earphone as close as possible to where they join.
- Pull straight apart—do not twist. Cable is a snap fit, not threaded.  
**Note:** If you pull at an angle, the connector will not detach.
- Do not pull on the cable or put any pressure on the earphone nozzle.
- Listen for a click when connecting.
- When reattaching the cable, match the "L" and "R" markings. For clear cables and earphones, match the color dots (Red=Right, Blue=Left).



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## Inserting the Earphones

Insert the earphones so they form a tight seal. The fit of the earphone can greatly affect sound quality.



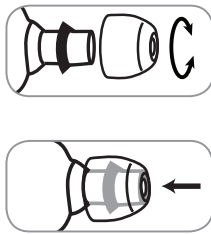
**Important:** If there seems to be a lack of low frequency response (bass), this means that the earphone sleeve is not forming a tight seal. Gently push the earphone deeper into the ear canal or try a different sleeve.

**Warning:** Do not push the earphone sleeve beyond the ear canal opening.

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## Changing Sleeves

- Twist and pull to remove the sleeve from the nozzle.
- Slide on a new sleeve so that it completely covers the barb and the nozzle.



**Caution:** If the barb or any of the nozzle is exposed, the sleeve is not properly installed. Replace sleeves if they do not tightly grip the nozzle. To ensure proper fit and performance, use only sleeves supplied by Shure (unless using custom molded sleeves).

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## Removing the Earphones

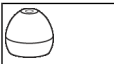
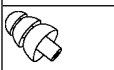
Grasp the body of earphone and gently twist to remove.

**Note:** Do not pull on cable to remove earphone.



## Choosing a Sleeve

Select an earphone sleeve that provides the best fit and sound isolation. It should be easy to insert, fit comfortably, and easy to remove.

|                                                                                   |                                                                                                                                                                    |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Soft Flex Sleeves:</b> In small, medium, and large sizes. Made from pliable rubber.                                                                             |
|  | <b>Soft Foam Sleeves:</b> Compress the foam sleeve between your fingers and insert into the ear canal. Hold in place for about ten seconds while the foam expands. |
|  | <b>Triple-Flange Sleeves:</b> If desired, use scissors to trim the stem on the sleeve.                                                                             |

## Using the Remote

Use the remote to control compatible media phone players.

- **Answer/End Call:** Click the center button once.
- When answering calls speak in a normal manner.
- Answer/end calls on most phones by pressing the center button once.

Please read your mobile device's user guide for more information on how to use the answer/end button, check for additional features, or to troubleshoot usage problems.

**NOTE:** On some phones it might be necessary to adjust the volume when switching from phone call to music.

For more information about compatible models go to: [www.shure.com](http://www.shure.com)

## Maintenance and Cleaning

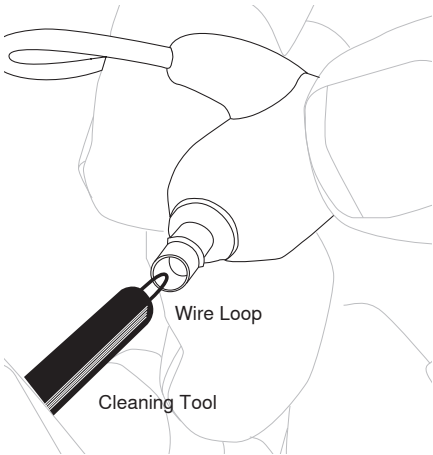
Careful maintenance ensures a tight seal between the sleeve and nozzle, improving sound quality and product safety.

- Keep the earphones and sleeves as clean and dry as possible.
- To clean sleeves, remove them from earphones, gently rinse in warm water and air dry. Foam sleeves require a longer drying time. Inspect for damage and replace if necessary. Ear sleeves must be completely dry before reusing.
- Wipe the earphones and sleeves with mild antiseptic to avoid infections. Do not use alcohol-based disinfectants.
- Do not expose earphones to extreme temperatures.
- Replace sleeves if they do not fit properly.
- Do not attempt to modify this product. Doing so will void the warranty and could result in personal injury and/or product failure.

### Cleaning the Earphone Nozzle

If you notice a change in sound quality, remove the sleeve and check the nozzle of your earphone. If nozzle is blocked, clear obstruction by using wire loop end of cleaning tool.

If no obstruction is found or if sound quality does not improve, replace the sleeve with a new sleeve.



**Caution:** When cleaning, do not force any object through the earphone nozzle! This will damage the earphone sound filter.

**Warning:** The cleaning tool is only to be used to clean the earphones. Any other use, such as using the tool to clean ears or foam sleeve, could result in injury.

The cable connectors to the earphones may collect debris or other deposits that can affect audio quality. If this happens, disconnect the cables and clean them using a dry cotton swab.

## Specifications

### Transducer Type

Single High-Definition MicroDriver

### Sensitivity

at 1 kHz

107 dB SPL/mW

Impedance

at 1 kHz  
17 Ω

Frequency Range

|                       |                |
|-----------------------|----------------|
| SE215 Special Edition | 21 Hz–17.5 kHz |
| SE215                 | 22 Hz–17.5 kHz |

Net Weight

30 g (1 oz.)

Accessories

For information about earphone accessories and other Shure products visit:  
[www.shure.com](http://www.shure.com)

Furnished accessories subject to change.

Certifications

This product meets the Essential Requirements of all relevant European directives and is eligible for CE marking.

The CE Declaration of Conformity can be obtained from:  
[www.shure.com/europe/compliance](http://www.shure.com/europe/compliance)

Authorized European representative:  
Shure Europe GmbH  
Headquarters Europe, Middle East & Africa  
Department: EMEA Approval  
Jakob-Dieffenbacher-Str. 12  
75031 Eppingen, Germany  
Phone: +49-7262-92 49 0  
Fax: +49-7262-92 49 11 4  
Email: [info@shure.de](mailto:info@shure.de)

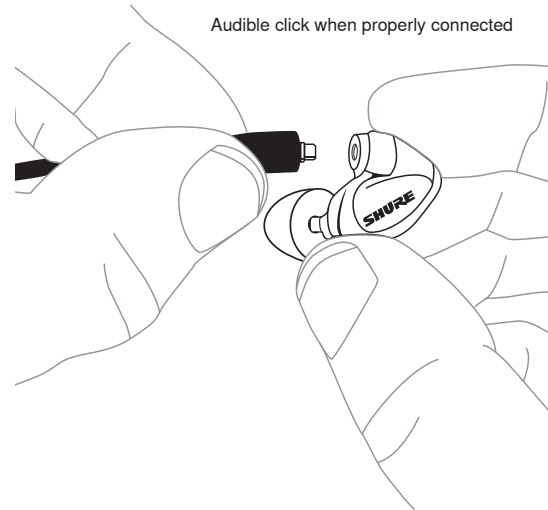
## Sound Isolating™ Earphones

Shure Sound Isolating™ Earphones, built with balanced armature speakers, deliver a detailed soundstage free from outside noise. The powerful and stylish Shure SE earphones come with a detachable cable, adapters, a durable carrying case, and interchangeable Sound Isolating sleeves for a comfortable and personalized fit.

### Detachable Cable

You may need to detach the cable from the earphones to attach optional components or to replace the cable if it becomes damaged. To prevent accidental separation, the connector has a snug fit. Take special care to prevent damage to the earphone and connector.

- Do not use pliers or other tools.
  - Grasp the connector and the earphone as close as possible to where they join.
  - Pull straight apart—do not twist. Cable is a snap fit, not threaded.
- Note:** If you pull at an angle, the connector will not detach.
- Do not pull on the cable or put any pressure on the earphone nozzle.
  - Listen for a click when connecting.
  - When reattaching the cable, match the "L" and "R" markings. For clear cables and earphones, match the color dots (Red=Right, Blue=Left).



## Using Earphones

### Choosing a Sleeve

Select an earphone sleeve that provides the best fit and sound isolation. It should be easy to insert, fit comfortably, and easy to remove.

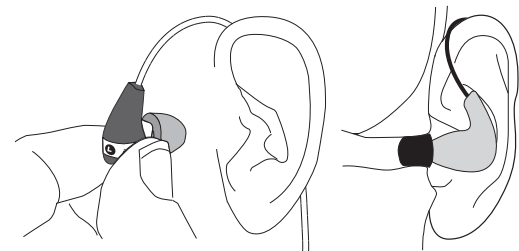
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|  | <b>Triple-Flange Sleeves:</b> If desired, use scissors to trim the stem on the sleeve.                                                                             |

### Inserting the Earphones

Carefully insert the earphone into the ear like an earplug, so that a tight seal is formed.

**Important:** If there is a lack of low frequency response (bass), the earphone sleeve may not be forming a proper seal. Gently push the earphone deeper into the ear canal or try using a different sleeve.

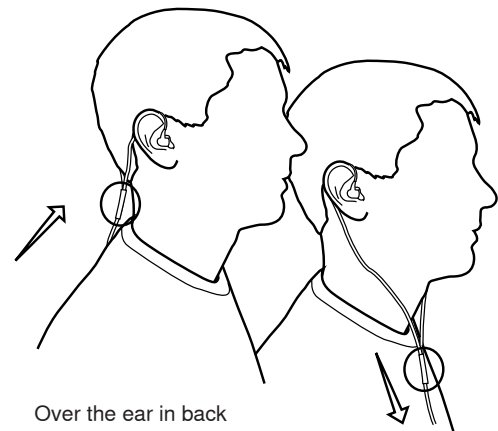
**Warning:** Do not push the earphone sleeve beyond the ear canal opening.



The fit of the earphone can greatly affect sound quality.

### Wearing the Earphones

The following are some suggested ways of wearing the earphones.

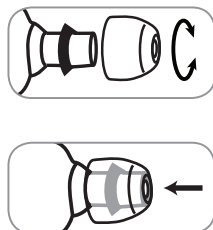


Wear the cable over the ear and secure it behind the head to help keep the earphones in place during physical activity.

Tighten the cable and take up slack by raising the cable cinch.

## Changing Sleeves

- Twist and pull to remove the sleeve from the nozzle.
- Slide on a new sleeve so that it completely covers the barb and the nozzle.



**Caution:** If the barb or any of the nozzle is exposed, the sleeve is not properly installed. Replace sleeves if they do not tightly grip the nozzle. To ensure proper fit and performance, use only sleeves supplied by Shure (unless using custom molded sleeves).

For more information on how to wear Shure Earphones, view the [How to Change Shure Earphone Sleeves](#) video tutorial.

## Removing the Earphones

Grasp the body of earphone and gently twist to remove.



**Note:** Do not pull on cable to remove earphone.

For more information on how to wear Shure Earphones, view the [How to Properly Fit and Wear Shure Earphones](#) video tutorial.

## Maintenance and Cleaning

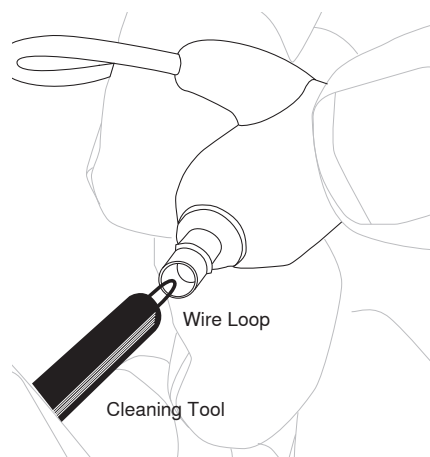
Careful maintenance ensures a tight seal between the sleeve and nozzle, improving sound quality and product safety.

- Keep the earphones and sleeves as clean and dry as possible.
- To clean sleeves, remove them from earphones, gently rinse in warm water and air dry. Foam sleeves require a longer drying time. Inspect for damage and replace if necessary. Ear sleeves must be completely dry before reusing.
- Wipe the earphones and sleeves with mild antiseptic to avoid infections. Do not use alcohol-based disinfectants.
- Do not expose earphones to extreme temperatures.
- Replace sleeves if they do not fit properly.
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## Cleaning the Earphone Nozzle

If you notice a change in sound quality, remove the sleeve and check the nozzle of your earphone. If nozzle is blocked, clear obstruction by using wire loop end of cleaning tool.

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**Warning:** The cleaning tool is only to be used to clean the earphones. Any other use, such as using the tool to clean ears or foam sleeve, could result in injury.

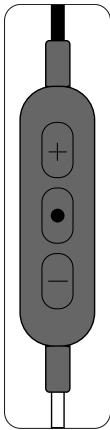
The cable connectors to the earphones may collect debris or other deposits that can affect audio quality. If this happens, disconnect the cables and clean them using a dry cotton swab.

For more information on how to wear Shure Earphones, view the [How to Clean Shure Earphones](#) video tutorial.

## Bluetooth® Earphones

Shure Bluetooth® earphones are designed for continued functionality with Bluetooth capable devices. They feature a three button controls with in-line microphone for phone calls and voice applications.

## Bluetooth® Pairing



1. Turn off the earphones. Press and hold center button on earphone remote until the LED flashes blue and red.
2. From your audio source, select "Shure BT1."
3. LED turns blue when successfully paired.

### Pairing Multiple Bluetooth® Devices

1. Turn off the earphones. Press and hold center button on earphone remote until the LED flashes blue and red.
2. From your audio source, select "Shure BT1."
3. LED turns blue when successfully paired.

#### To pair second device:

1. Press and hold the center button on the second device until the LED flashes blue and red.
2. Select the second device on your audio source.
3. LED turns blue on second device when successfully paired.

### Pairing Bluetooth® Device to a PC

If you are having difficulty pairing your BT1 earphones to your PC, you may need to update your drivers. Here are two ways to update your computer driver via the Intel® website.

1. **Manually:** This requires that you locate your wireless adapter and then download the specific driver update for that wireless adapter. Information and drivers are located here: [Manual Update](#).
2. **Intel Update Utility:** This requires you to download the update app, run the app and allow it to scan your computer for required driver updates. Download the app here: [Intel Update Utility](#).

**Note:** The Intel Update Utility is recommended because it requires fewer steps. Refer to your PC user manual for more information.

## Using the BT1 Remote

### The Center Button

|                   |                            |
|-------------------|----------------------------|
|                   |                            |
| Power on          | Press and hold             |
| Power off         | Press and hold, 5 seconds  |
| Bluetooth pair    | Press and hold, 10 seconds |
| Play/Pause        | Click once                 |
| Answer/End a call | Click once                 |
| Decline a call    | Press and hold, 3 seconds  |

|                                                    |                                                                                                         |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Activate voice assistant                           | Phone on, press and hold, 3 seconds                                                                     |
| Erase all paired devices. Factory default settings | Phone off, press and hold past "power on, Bluetooth pairing mode, battery life" messages to power down. |

### Up and Down Buttons

|                      |                                  |
|----------------------|----------------------------------|
|                      |                                  |
| Volume Up/Down       | Click + or -                     |
| Next track           | Press and hold +, 3 seconds      |
| Previous track       | Press and hold -, 3 seconds      |
| Check Battery Status | Press and hold + and -, together |

**Note:** Your phone may not be compatible with some functions.

## Charging the Earphones

Red LED indicates low battery.

1. Connect earphones to charging device using supplied cable.
2. LED is red while charging.
3. When earphones are charged, LED turns off.

**Warning:** Before charging, make sure the product is at room temperature, between 0 to 45°C (32 to 113°F).

**Note:** Use this product only with an agency approved power supply which meets local regulatory requirements (e.g., UL, CSA, VDE, CCC, INMETRO).

## BT1 FAQ

For more information, or to view other Frequently Asked Questions, visit the Shure FAQ.

### Remote + Mic, Telephony, Voice Command and In-App use

#### Q.) How do I pair my wireless Sound Isolating™ earphones with my device?

A.) With the wireless earphones OFF, activate pairing mode by holding center button for 7 seconds on the remote. Navigate to Bluetooth® settings in the source device settings, and the device SHURE BT1 should appear in available devices. Select, and your device should be paired.

#### Q.) How do I set up multi-point pairing? How do I change active devices?

A.) Multi-point pairing, a feature of Bluetooth 4, is set up automatically—pair a second device (power cycle by holding the power button down until the earphones turn off, and again for 7 seconds to enter pairing mode). The playback between devices should be triggered by new activity (incoming call, new playback). If devices do not automatically recognize the wireless earphones as an output device, try manually disconnecting and connecting in device settings.

#### Q.) Are my wireless Sound Isolating™ earphones designed for calls?

A.) The Bluetooth 4 protocol has both headset and stereo audio playback features built-in. The two-way audio and remote functions are included in that protocol, and the inline microphone located on the right side cable is provided for calls and voice commands.

#### Q.) Does the cable work with my iPhone/iPod/iPad/Android device?

A.) Any device supporting Bluetooth 4 stereo audio playback and telephony protocols is compatible, including Apple and many Android devices. We recommend downloading and installing the latest compatible operating system, to ensure all drivers are up-to-date.

#### Q.) Do my wireless Sound Isolating™ earphones work with Siri®?

A.) Yes, holding the center button on the remote for 3 seconds will activate Siri® or other voice service. (Source device dependent)

#### Q.) How do I use voice commands?

A.) Holding down the multi-function center button (power/answer/end call) for 3 seconds will prompt voice command software to enact. (Source device dependent)

#### Q.) What device controls do the cable and earphones support? How do I use them?

A.) The center button may be used for play, pause of media, and answering and ending of calls. Volume up button can also be depressed for 3 seconds to skip forward to the next song. The volume down button can similarly be depressed for 3 seconds to skip to the beginning of the song (or to a previous song within approximately 5 seconds of the beginning of a track).

The center button will power down the earphones when held for 5 seconds. Holding down the power button for three seconds also powers the device back on.

#### Q.) Will my wireless Sound Isolating™ earphones work with fitness apps?

A.) Yes, most apps that have audio prompts will work, just like wired earphones.

**Note:** These earphones will not provide heart rate or other biometrics.

### Battery, Durability, Range and Charging

#### Q.) Are my wireless Sound Isolating™ earphones IPX-rated for water resistance? Are they suited to exercise?

A.) These wireless earphones are not IPX-rated for water resistance. However, the SE112 and SE215 comprise two of the most durable earphones—available on the market today. The cable, transmitter/receiver, and remote + mic pod are subject to the same stringent battery of tests for moisture resistance that all of our earphones undergo. Note also, that used in conjunction with the clothing clip, the snug, comfortable fit of the Sound Isolating™ design and eartips, and wireform cable (SE215 and RMCE-BT1 only) provides long-wearing comfort, providing a secure seal with the ear canal during even the most intense workouts. As such, these (and any earphones paired with the RMCE-BT1) are completely suitable for exercise. However, we cannot recommend use during any activities where awareness of surroundings are necessary (such as cycling or driving), and where prohibited by law.

#### Q.) Why am I experiencing dropouts with my wireless Sound Isolating™ earphones?

A.) While the Bluetooth 4 protocol defines standard range as up to 10 m (30 ft), the ideal distance between devices is significantly smaller, especially when outdoors where reflections are minimal. Similarly, the range can be much further in enclosed spaces, where a lot of reflections of the signal are permitted. Absorption of signal by skin or garments may impact connectivity (especially keeping the music device in a pocket with keys, credit cards, which may act as an unwanted antenna for the phone), and a line-of-sight signal should be established to troubleshoot any connectivity or dropout issues.

#### Q.) How long will my battery on my wireless Sound Isolating™ earphones last between charges?

A.) When new, the battery will play back music for up to 8 hours, depending on volume and type of music listened to.

#### Q.) How do I charge my earphones? How do I know when the battery is charged?

A.) The supplied USB cable can be plugged into any standard 5V USB connection, including those supplied with devices, and on computers or laptops. For safety, do not connect to charger producing higher than 1 A of current.

The LED light will be solid red color when charging. When fully charged, the LED will be off.

#### Q.) How long does it take to charge the battery?

A.) The battery charges fully in about 2Hrs, depending on power source used. A “quick charge” will get up to two hours of playback on just fifteen minutes of charging time.

#### Q.) Can I listen while my earphones are charging?

A.) Yes – you can use the product while it is charging.

### Use with SE Earphones

#### Q.) Why would I pick wireless Sound Isolating™ earphones over wired earphones?

A.) Wireless Sound Isolating™ earphones provide the great sound of wired SE earphones with the freedom of motion that separating your playback device from your earphones offers. This is ideal for high-impact exercise (running, Crossfit, spin classes) where movement of the body may cause entanglement and result in uncomfortable pull on the ears. Wireless earphones are also ideal for travel (where some airlines permit Bluetooth use in-flight, check with your airline provider before travelling with the SE112-BT1, SE215-BT1 or RMCE-BT1), and commuting (where hands-free media control and telephony are key features).

The wireless earphones may be ideal for iPhone 7 and other devices that do not have a standard headphone output as an alternative to the RMCE-LTG (for Lighting-equipped iOS devices, only).

The MMCX connectors standard on most SE earphones, like the SE215 and SE846, mean you don't have to choose between wired and wireless—simply add an RMCE Remote + Mic accessory cable, RMCE-LTG (for iPhone 7 and iPhone 7 Plus), or the EAC64 replacement detachable cable (if the telephony features of the Remote + Mic cable isn't required).

Q.) What models of SE earphones is the RMCE-BT1 for?

A.) All models of SE earphones with MMCX connectors, including SE215, SE315, SE425, SE535 and SE846 Sound Isolating™ earphones will accept the RMCE-BT1.

Q.) Do the BT1 cable and earphones support Bluetooth aptX codec?

A.) BT1 products do not support aptX codecs.

Accessories

- Cables
- Cases and Adapters
- Headphone Pads
- Sleeves

RMCE Cables

- RMCE for iOS
- RMCE-LTG/RMCH-LTG for iOS

Specifications

SE Specifications

Transducer Type

|                  |                                    |
|------------------|------------------------------------|
| SE535/535LTD Red | Triple balanced-armature drivers   |
| SE425            | Dual balanced-armature drivers     |
| SE315            | Single High-Definition MicroDriver |
| SE215            | Single Dynamic MicroDriver         |
| SE112-BT1        | Single Dynamic MicroDriver         |

Sensitivity

at 1 kHz

|                  |               |
|------------------|---------------|
| SE535/535LTD Red | 119 dB SPL/MW |
| SE425            | 109 dB SPL/MW |
| SE315            | 116 dB SPL/MW |
| SE215            | 107 dB SPL/MW |
| SE112            | 105 dB SPL/MW |

Impedance

at 1 kHz

|                  |      |
|------------------|------|
| SE535/535LTD Red | 36 Ω |
| SE425            | 22 Ω |
| SE315            | 27 Ω |
| SE215            | 17 Ω |
| SE112            | 16 Ω |

Frequency Range

|              |                |
|--------------|----------------|
| SE535        | 18 Hz–19 kHz   |
| SE535LTD Red | 18 Hz–19.5 kHz |
| SE425        | 20 Hz–19 kHz   |
| SE315        | 22 Hz–18.5 kHz |
| SE215        | 22 Hz–17.5 kHz |
| SE112        | 25 Hz–17 kHz   |

Input Connector

Gold-plated 3.5 mm (1/8") stereo mini jack plug with 6.35 mm (1/4") threaded adapter

Net Weight

|           |                   |
|-----------|-------------------|
| SE535     | 30 g (1 oz.)      |
| SE425     | 30 g (1 oz.)      |
| SE315     | 30 g (1 oz.)      |
| SE112-BT1 | 17.5 g (0.62 oz.) |
| RMCE-BT1  | 13.8 g (0.47 oz.) |

Operating Temperature

|           |                              |
|-----------|------------------------------|
| SE535     | -18°C to 57°C (0°F to 135°F) |
| SE425     | -18°C to 57°C (0°F to 135°F) |
| SE315     | -18°C to 57°C (0°F to 135°F) |
| SE215-BT1 | 0°C to 45°C (32°F to 113°F)  |
| SE112-BT1 | 0°C to 45°C (32°F to 113°F)  |

## Storage Temperature

|           |                                |
|-----------|--------------------------------|
| SE535     | -29°C to 74°C (-20°F to 165°F) |
| SE425     | -29°C to 74°C (-20°F to 165°F) |
| SE315     | -29°C to 74°C (-20°F to 165°F) |
| SE215-BT1 | -10°C to 50°C (14°F to 122°F)  |
| SE112-BT1 | -10°C to 50°C (14°F to 122°F)  |

## Bluetooth Specifications

### Antenna Information

- Type = Chip
- Gain = +2.13 dBi

### Bluetooth 4.1

- Operating frequency = 2402MHz-2480MHz
- Modulation scheme = FHSS
- RF power = +5.38dBm (E.I.R.P.)

## BT1 Battery Specifications

### Battery Type

Rechargeable Li-Ion

### Nominal Voltage

3.7 V DC

### Battery Life

up to 8 hours

### Charging Requirements

USB Source

5 V DC, 100 mA, minimum

### Battery Charging Temperature Range

0 to 45 °C (32 to 113 °F)

## Safety Information

### WARNING

- Follow instructions from manufacturer.
- Product battery may explode or release toxic materials. Risk of fire or burns. Do not open, crush, modify, disassemble, heat above 140°F (60°C), or incinerate.
- Attention should be drawn to the environmental aspects of battery disposal.
- Product shall not be exposed to excessive heat such as sunshine, fire, or the like.

- Do NOT make unauthorized alterations to this product.

**WARNING:** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**Note:** Battery replacement to be performed only by Shure authorized service personnel.

**CAUTION:** Follow applicable laws regarding mobile phone and headphone use while driving.

This product contains magnetic material. Consult your physician on whether this might affect your implantable medical device.

## Information to the user

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 the receiver.
- Connect the equipment to 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.

This device complies with FCC Part 15.

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

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation of this device is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

**Note:** Testing is based on the use of supplied and recommended cable types. The use of other than shielded (screened) cable types may degrade EMC performance.

Este equipo ha sido diseñado para operar con las antenas que enseguida se enlistan y para una ganancia máxima de antena de [+2.13] dBi. El uso con este equipo de antenas no incluidas en esta lista o que tengan una ganancia mayor que [+2.13] dBi quedan prohibidas. La impedancia requerida de la antena es de [50] ohms.

1. 經審驗合格之射頻電信終端設備，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。
2. 射頻電信終端設備之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。所謂合法通信，係指依電信法規定作業之無線電信。
3. 輸入、製造射頻電信終端設備之公司、商號或其使用者違反本辦法規定，擅自使用或變更無線電頻率、電功率者，除依電信法規定處罰外，國家通訊傳播委員會並得撤銷其審驗合格證明。
4. 減少電磁波影響，請妥適使用

#### 運用に際しての注意

この機器の使用周波数帯では、電子レンジ等の産業・科学・医療用機器のほか工場の製造ライン等で使用されている移動体識別用の構内無線局（免許を要する無線局）及び特定小電力無線局（免許を要しない無線局）並びにアマチュア無線局（免許を要する無線局）が運用されています。

1. この機器を使用する前に、近くで移動体識別用の構内無線局及び特定小電力無線局並びにアマチュア無線局が運用されていないことを確認して下さい。
2. 万一、この機器から移動体識別用の構内無線局に対して有害な電波干渉の事例が発生した場合には、速やかに使用周波数を変更するか又は電波の発射を停止した上、下記連絡先にご連絡頂き、混信回避のための処置等（例えば、パーティションの設置など）についてご相談して下さい。
3. その他、この機器から移動体識別用の特定小電力無線局あるいはアマチュア無線局に対して有害な電波干渉の事例が発生した場合など何かお困りのことが起きたときは、保証書に記載の販売代理店または購入店へお問い合わせください。代理店および販売店情報は Shure 日本語ウェブサイト <http://www.shure.co.jp> でもご覧いただけます。

#### 現品表示記号について

2.4 FH1



現品表示記号は、以下のことを表しています。この無線機器は 2.4GHz 帯の電波を使用し、変調方式は「FH-SS」方式、想定干渉距離は 10m です。2,400MHz ~ 2,483.5MHz の全帯域を使用し、移動体識別装置の帯域を回避することはできません。

Japanese Radio Law and Japanese Telecommunications Business Law Compliance. This device is granted pursuant to the Japanese Radio Law (電波法) and the Japanese Telecommunications Business Law (電気通信事業法). This device should not be modified (otherwise the granted designation number will become invalid).



Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário. Este produto está homologado pela ANATEL, de acordo com os procedimentos regulamentados pela Resolução 242/2000, e atende aos requisitos técnicos aplicados. Para maiores informações, consulte o site da ANATEL - <http://www.anatel.gov.br>



MSIP-CRM-SHU-RMCE-BT1

상호명: Shure Incorporated  
 기자의 명칭: 무선데이터통신 시스템용 무선기기  
 모델명: SE112-BT1, RMCE-BT1  
 제조업체명/제조국명 : Shure Incorporated / China  
 정격: 5Vdc, 0.5mA  
 서비스센터: 삼아프로사운드 Tel: 02-734-0653  
 "해당 무선기기는 전파혼신 가능성이 있으므로 인명 안전과 관련된 서비스는 할 수 없습니다."  
 안전확인 신고번호  
 Battery safety certificate number: XU100702-16005A  
 제품명 Product name (model name): 전지 (401230)  
 정격 Rating: 3.7 Vdc, 110 mA  
 제조업체명/제조국명  
 Battery Manufacturer/Country of Origin:  
 Dongguan Golden CEL Battery Co., Ltd / China  
 A/S 연락처  
 Service Center contact information:  
 삼아프로사운드 Tel: 02-734-0653



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#### Environmentally friendly disposal



Old electrical appliances must not be disposed of together with the residual waste, but have to be disposed of separately. The disposal at the communal collecting point via private persons is for free. The owner of old appliances is responsible to bring the appliances to these collecting points or to similar collection points. With this little personal effort, you contribute to recycle valuable raw materials and the treatment of toxic substances.

## Certifications

This product meets the Essential Requirements of all relevant European directives and is eligible for CE marking.

Hereby, Shure Incorporated declares that the radio equipment is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <http://www.shure.com/eu-rope/compliance>

Authorized European representative:

Shure Europe GmbH  
Headquarters Europe, Middle East & Africa  
Department: EMEA Approval  
Jakob-Dieffenbacher-Str. 12  
75031 Eppingen, Germany  
Phone: +49-7262-92 49 0  
Fax: +49-7262-92 49 11 4  
Email: [EMEAsupport@shure.de](mailto:EMEAsupport@shure.de)

## Warranty, Service and Repair Information

### LIMITED WARRANTY

Shure Incorporated ("Shure") hereby warrants to the original consumer purchaser only that this product will be free in normal use of any defects in materials and workmanship for a period of one (1) year from the consumer's original date of purchase directly from Shure or from a Shure-authorized reseller, or two (2) years from that date of purchase if the purchase was in the European Union.

Any rechargeable batteries contained in or packaged with this product are so warranted for a period of one (1) year from the consumer's original date of purchase. However, rechargeable batteries are consumable and their capacity will be reduced over time based on temperature, amount of time in storage, charging cycles, and other factors; hence reduction in battery capacity does not constitute a defect in material or workmanship.

At its sole option, Shure will repair or replace the defective product and promptly return it to you. In order for this warranty to be valid, the consumer must, at the time the product is returned, provide proof of purchase in the form of the original purchase receipt directly from Shure or from a Shure-authorized reseller. If Shure elects to replace the defective product, then Shure reserves the right to replace the defective product with another product of the same model or a model of at least comparable quality and features in Shure's sole determination.

If you believe this product is defective within the warranty period, carefully repack the unit, insure it and return it with proof of purchase, postage prepaid, to Shure Incorporated, Attention: Service Department, at the address below.

Outside of the United States, return the product to your dealer or Authorized Service Center. Addresses are listed on [www.Shure.com](http://www.Shure.com) or can be obtained by contacting Shure at the address listed below.

This warranty is not transferable. This warranty does not apply in cases of abuse or misuse of the product, use contrary to Shure's instruction, ordinary wear and tear, an act of God, negligent use, purchase from a party other than Shure or a Shure-authorized reseller, unauthorized repair, or modification of the product.

ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED TO THE EXTENT PERMITTED UNDER APPLICABLE LAWS AND, TO THE EXTENT NOT PERMITTED, ARE HEREBY LIMITED TO THE DURATION AND TERMS OF THIS WARRANTY. SHURE ALSO HEREBY DISCLAIMS ALL LIABILITY FOR INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

This warranty does not restrict the rights of the consumer mandated under applicable laws.

THIS WARRANTY SUPERSEDES ALL OTHER WARRANTIES THAT ARE ASSOCIATED OR INCLUDED WITH THIS PRODUCT, EXCEPT THAT ANY SOFTWARE CONTAINED IN OR PACKAGED WITH THIS PRODUCT IS EXCLUDED FROM THIS WARRANTY AND INSTEAD SHALL BE COVERED

BY THE WARRANTY, IF ANY, PROVIDED IN SHURE'S END USER LICENSE AGREEMENT ACCOMPANYING SUCH SOFTWARE.

### Service and Repair Information

Service and repair for Shure products is handled by Shure Incorporated and our Authorized Distribution Centers. Click "Get Started" to follow a sequence of steps that will help you to determine whether your product needs to be sent off for service or repair and direct you to the necessary actions.

**Note:** To receive service or repairs for your Shure product, you will be required to mail us your product.

Start the Service and Repair Process

### Service Centers

#### United States, Canada, Latin America, Caribbean

Shure Incorporated  
Attn: Service Department  
945 Chaddick Dr.  
Wheeling, IL 60090-6449 U.S.A.

#### Europe, Middle East, and Africa

Shure Europe GmbH  
Attn: Service  
Jakob-Dieffenbacher-Str. 12,  
75031 Eppingen, Germany

#### Indonesia Service Center Resmi:

Jakarta Hotline (021) 612 6388  
Medan (061) 6612550  
Surabaya (031) 5032219  
Jogjakarta (0274) 371710  
Denpasar (0361) 766788  
Makasar (0411) 324652