SHURE®

Earphone Resource Center -- Sound Isolating™ Earphones

Safety Information

WARNING FOR ALL EARPHONES!

For safe and correct use of earphones, read this manual before use. Keep the manual and safety information in a convenient place for future reference.

SAFETY PRECAUTIONS

The possible results of incorrect use are marked by one of the two symbols—"WARNING" and "CAUTION"—depending on the imminence of the danger and the severity of the damage.

⚠	WARNING: Ignoring these warnings may cause severe injury or death as a result of incorrect operation.
⚠	CAUTION: Ignoring these cautions may cause moderate injury or property damage as a result of incorrect operation.

IMPORTANT SAFETY INSTRUCTIONS

1. READ these instructions.
2. KEEP these instructions.
3. HEED all warnings.
4. FOLLOW all instructions.
5. DO NOT use this apparatus near water.
6. CLEAN ONLY with dry cloth.
7. DO NOT block any ventilation openings. Allow sufficient distances for adequate ventilation and install in accordance with the manufacturer's instructions.
8. DO NOT install near any heat sources such as open flames, radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. Do not place any open flame sources on the product.
9. DO NOT defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wider

blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10. PROTECT the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11. ONLY USE attachments/accessories specified by the manufacturer.

12. USE only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. UNPLUG this apparatus during lightning storms or when unused for long periods of time.

14. REFER all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

15. DO NOT expose the apparatus to dripping and splashing. DO NOT put objects filled with liquids, such as vases, on the apparatus.

16. The MAINS plug or an appliance coupler shall remain readily operable.

17. The airborne noise of the Apparatus does not exceed 70dB (A).

18. Apparatus with CLASS I construction shall be connected to a MAINS socket outlet with a protective earthing connection.

19. To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

20. Do not attempt to modify this product. Doing so could result in personal injury and/or product failure.

21. Operate this product within its specified operating temperature range.

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.

⚠	**WARNING** • If water or other foreign objects enter the inside of the device, fire or electric shock may result. • Do not attempt to modify this product. Doing so could result in personal injury and/or product failure.

⚠	**CAUTION** • Never disassemble or modify the device, as failures may result. • Do not subject to extreme force and do not pull on the cable or failures may result. • Keep the microphone dry and avoid exposure to extreme temperatures and humidity.

WARNING

LISTENING TO AUDIO AT EXCESSIVE VOLUMES CAN CAUSE PERMANENT HEARING DAMAGE. USE AS LOW A VOLUME AS POSSIBLE. Over exposure to excessive sound levels can damage your ears resulting in permanent noise-induced hearing loss (NIHL). Please use the following guidelines established by the Occupational Safety Health Administration (OSHA) on maximum time exposure to sound pressure levels before hearing damage occurs.

90 dB SPL at 8 hours	**95 dB SPL** at 4 hours	**100 dB SPL** at 2 hours	**105 dB SPL** at 1 hour
110 dB SPL at ½ hour	**115 dB SPL** at 15 minutes	**120 dB SPL** Avoid or damage may occur	

WARNING

- Do not use when a failure to hear your surroundings could be dangerous, such as while driving, or when biking, walking, or jogging where traffic is present and accidents could occur.
- Keep this product and its accessories out of reach of children. Handling or use by children may pose a risk of death or serious injury. Contains small parts and cords that may pose risk of choking or strangulation.
- Set the volume level of the audio device to a minimum, and then after connecting the earphones, adjust the volume gradually. Sudden exposure to loud noises could cause hearing damage.
- Turn up the volume control only far enough to hear properly.
- Ringing in the ears may indicate that the volume level is too high. Try lowering the volume.
- If you connect these earphones to an airplane's sound system, listen at low levels so that loud messages from the pilot do not cause discomfort.
- Have your hearing checked by an audiologist on a regular basis. If you experience wax buildup, discontinue use until a medical professional has examined your ears.
- Failure to use, clean, or maintain earphone sleeves and nozzles according to manufacturer's instructions may increase the risk of sleeves detaching from the nozzle and becoming lodged in your ear.
- Prior to inserting the earphone, always recheck the sleeve to make sure it is firmly attached to the nozzle.
- If a sleeve becomes lodged in your ear, seek skilled medical assistance to remove the sleeve. Damage to the ear may be caused by non-professionals attempting to remove the sleeve.

- Do not attempt to modify this product. Doing so could result in personal injury and/or product failure.

CAUTION

- Do not immerse in water, such as while taking a bath or washing your face, otherwise sound deterioration or failures may result.
- Do not use while sleeping as accidents may result.
- Use a slow twisting motion to remove the earphones. Never pull on the earphone cord.
- Stop using the earphones immediately if they are causing great discomfort, irritation, rash, discharge, or any other uncomfortable reaction.
- If you are currently receiving ear treatment, consult your physician before using this device.

Important Product Information

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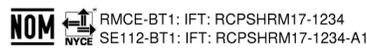
This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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.

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

NOM RMCE-BT1: IFT: RCPSHRM17-1234
NYCE SE112-BT1: IFT: RCPSHRM17-1234-A1

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

根據NCC低功率電波輻射性電機管理辦法 規定:

1. 第十二條 經型式認證合格之低功率射頻電機，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. 第十四條 低功率射頻電機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。 前項合法通信，指依電信法規定作業之無線電通信。 低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

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 (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

2.4FH1

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、想定与干渉距離は 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 não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.

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 (http://www.anatel.gov.br)

MSIP-CRM-SHU-RMCE-BT1
상호명: Shure Incorporated
기자재의 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

TRA REGISTERED No: ER56780/17

DEALER No: 67442/17

The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Shure Incorporated is under license. Other trademarks and trade names are those of their respective owners.

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.

Paraguay Distributor: Microsystems S.R.L., Senador Long 664 c/Dr. Lilio, Asunción, Paraguay

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.
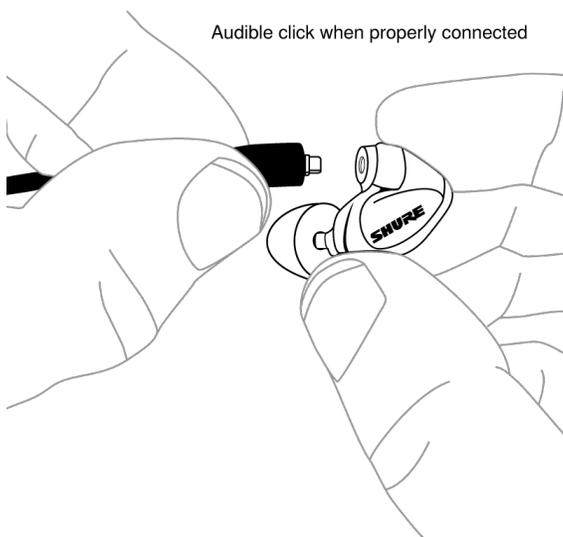
Detachable Cable

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).

Audible click when properly connected

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.
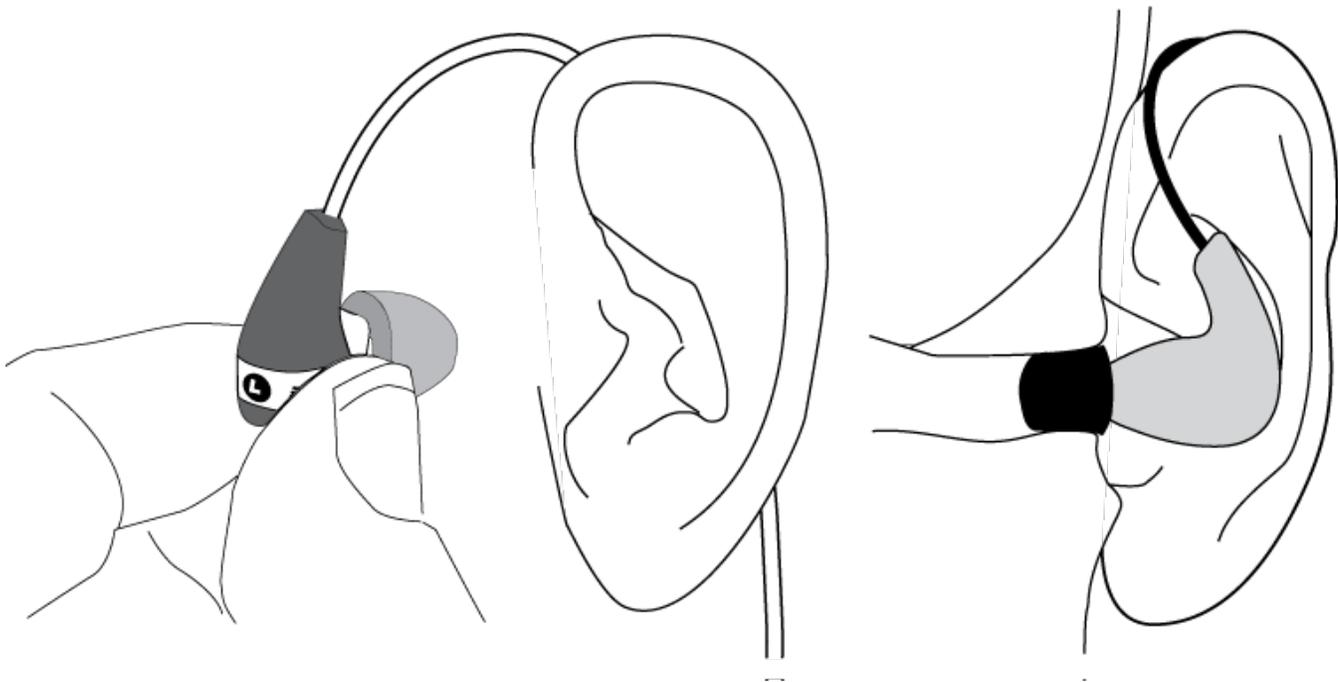
	Soft Flex Sleeves: In small, medium, and large sizes. Made from pliable rubber.
	Soft Foam Sleeves: Compress the foam sleeve between your fingers and insert into the ear canal. Hold in place for about ten seconds while the foam expands.
	Triple-Flange Sleeves: If desired, use scissors to trim the stem 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 a different sleeve.
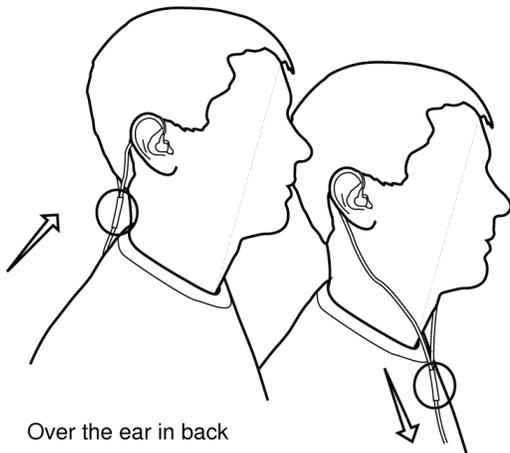
Warning: Do not push the earphone sleeve beyond the ear canal opening.

The fit of the earphone can greatly affect sound quality.

Wearing the Earphones

The following are some suggested ways of wearing the earphones.
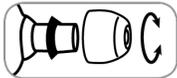
Over the ear in back

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 (https://www.youtube.com/watch?v=Df9H5SHPZ2E) 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 (https://www.youtube.com/watch?v=5bgR_H3RFpE) video tutorial.
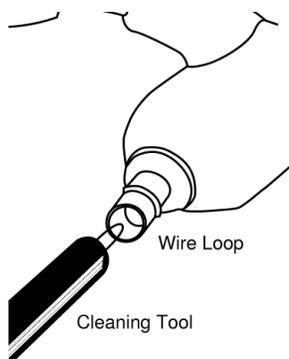
Maintenance and Cleaning

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.
- 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.

Wire Loop

Cleaning Tool

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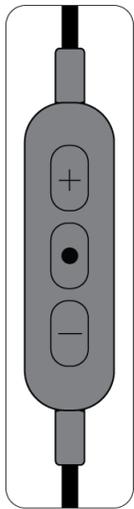
The cable connectors to the earphones may collect debris or other deposits that can affect audio quality. If this happens, disconnect the cables and clean them using a dry cotton swab.

For more information on how to wear Shure Earphones, view the How to Clean Shure Earphones (https://www.youtube.com/watch?v=NHX1Gepj8lE) video tutorial.

Shure 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 (https://www.intel.com/content/www/us/en/support/network-and-i-o/wireless-networking/000005489.html).
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 (https://www.intel.com/content/www/us/en/support/detect.html?wapkw=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 Bluetooth 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 (https://www.shure.com/americas/support/find-an-answer).

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 BT1 product 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 BT1, 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 press 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 BT1 as an output device, manually disconnect and re-select the BT1 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® or Google®?

A.) Yes, hold the center button on the remote for 3 seconds to activate Siri, Google, or any other voice assistant service. (Source device dependent.)

Q.) How do I use voice commands?

A.) Hold down the multi-function center button (power/answer/end call) for 3 seconds to prompt voice command software. (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 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.) The BT1 is 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. Also, when 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 Bluetooth 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 the battery on my wireless Sound Isolating earphones last between charges?

A.) When new, the BT1 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 when charging. When fully charged, the LED will turn off.

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

A.) The battery charges fully in about 2 hours, 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 Bluetooth Sound Isolating earphones over wired Sound Isolating 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, spin classes) where movement of the body may cause entanglement and result in an uncomfortable pull on the ears. Wireless Sound Isolating earphones are also ideal for travel and commuting, where hands-free media control and telephony are key features.

Note:

Some airlines permit Bluetooth use in-flight. Check with your airline provider before travelling with the SE112-BT1, SE215-BT1 or RMCE-BT1.

The wireless Sound Isolating 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 are the RMCE-BT1 for?

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

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

A.) BT1 products do not support aptX codecs.

BT2 FAQ

For more information, or to view other Frequently Asked Questions, visit the Shure FAQ (https://www.shure.com/americas/support/find-an-answer).

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 BT2 should appear in available devices. Select SHURE BT2, 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 is set up automatically—pair a second device (power cycle by holding the power button down until the earphones turn off, and press 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, manually disconnect and re-select in device settings.

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

A.) The Bluetooth 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 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. Hold the center button on the remote for 3 seconds to activate Siri or other voice service. (Source device dependent.)

Q.) How do I use voice commands?

A.) Hold down the multi-function center button (power/answer/end call) for 3 seconds to prompt voice command software. (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 phone 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. Hold the power button down for three seconds to power 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 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. Also, when used in conjunction with the clothing clip, the snug, comfortable fit of the Sound Isolating design and eartips, and wireform cable (SE215 and RMCE-BT2 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-BT2) 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.) How long will the battery on my wireless Sound Isolating earphones last between charges?

A.) When new, the BT2 battery will play back music for up to 10 hours, depending on volume and audio 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 when charging. When fully charged, the LED will turn off.

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

A.) The battery charges fully in about 2 hours, 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, spin classes) where movement of the body may cause entanglement and result in an uncomfortable pull on the ears. Wireless earphones are also ideal for travel and commuting, where hands-free media control and telephony are key features.

Note: Some airlines permit Bluetooth use in-flight. Check with your airline provider before travelling with the SE112-BT1, SE215-BT1 or RMCE-BT1 or RMCE-BT2.)

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 are the RMCE-BT2 for?

A.) All models of SE earphones with MMCX connectors, including SE215, SE315, SE425, SE535 and SE846 Sound Isolating earphones are compatible with the RMCE-BT2.

Q.) Do the BT2 cable and earphones support Bluetooth aptX™ codec?

A.) Yes. BT2 products support Qualcomm®aptX audio, aptX HD, aptX Low Latency, AAC, SBC aptX codecs.

Why am I experiencing dropouts with my wireless Sound Isolating earphones?

While the Bluetooth 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.

How can I get the most reliable wireless performance with BT2?

Your Shure RMCE-BT2 supports multiple Bluetooth codecs: SBC, AAC, QualcommaptX audio, aptX HD, aptX Low Latency codecs. Bluetooth codecs/transmissions have varying wireless performance based on:

- Interference from other wireless devices
- Distance from source
- Physical barriers between source and receiver, such walls or people
- The density/size of the wireless transmission. (codec related)

iOS devices automatically set the codec, and an end user cannot make any changes, or choose a different codec. (iOS supports SBC and AAC only).

Android devices with the latest firmware updates can select which codec is used in the Bluetooth settings menu of your Android source.

Note: Android users: To maximize performance, and minimize signal dropouts, choose the codec that works best in your environment.

www.shure.com/bt/codec (www.shure.com/bt/codec)

Accessories

- Cables (http://www.shure.com/americas/products/accessories/earphones/earphone-headphone-cables)
- Cases and Adapters (http://www.shure.com/americas/products/accessories/earphones/earphone-headphone-cases-adapters)
- Headphone Pads (http://www.shure.com/americas/products/accessories/earphones/headphone-pads)
- Sleeves (http://www.shure.com/americas/products/accessories/earphones/earphone-headphone-sleeves)

Accessory Cables for Mobile Devices Quick Start Guides

RMCE cables are compatible with all Shure earphones.

- Remote and Mic Lightning Cable for iOS (RMCE-LTG) (http://pubs.shure.com/guide/RMCE-LTG/en-US)
- Remote and Mic Universal Cable for iOS and Android (RMCE-UNI) (http://pubs.shure.com/guide/RMCE-UNI/en-US)
- Remote and Mic USB Cable for Android (RMCE-USB) (http://pubs.shure.com/guide/RMCE-USB/en-US)

Bluetooth Accessory Quick Start Guides

- BT1 quick start (http://pubs.shure.com/quickstart/BT1/en-US)
- BT2 quick start (http://pubs.shure.com/quickstart/BT2/en-US)

Specifications

Transducer Type

SE535/535LTD Red	Triple balanced-armature drivers
SE425	Dual balanced-armature drivers
SE315	Single High-Definition MicroDriver
SE215	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.)

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)

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)

Integrated Microphone

BT1	MEMS
BT2	MEMS

Polar Pattern

BT1	Omnidirectional
BT2	Omnidirectional

Sensitivity

BT1	-11 dBV at 1 kHz (Pa=94 dB SPL)
BT2	-38 dBV at 1 kHz (Pa=94 dB SPL)

Compatible Earphones

BT1	All Shure detachable earphones with MMCX connectivity
BT2	All Shure detachable earphones with MMCX connectivity

Compatible Sources

BT1	Any A2DP Bluetooth stereo source
BT2	Any A2DP Bluetooth stereo source

Antenna Type

BT1	Chip
BT2	Chip

Antenna Gain

BT1	+2.13 dBi
BT2	+1.6 dBi

Bluetooth Version

BT1	4.1
BT2	5

Operating Frequency

BT1	2402 to 2480 MHz
BT2	2402 to 2480 MHz

Modulation Type

BT1	FHSS
BT2	FHSS

RF Output Power

BT1	+5.38 dBm (E.I.R.P)
BT2	+7.45 dBm (E.I.R.P)

Supported Codecs

BT1	SBC
BT2	aptX™, aptX HD, aptX low latency, SBC, AAC

Range

BT1	10 m (32.8 ft)
BT2	10 m (32.8 ft)

Dimensions

Cable Length

SE112-BT1	760.0 mm (29.9in.)
RMCE-BT1	790.0 mm (31.1in.)
BT2	736.6 mm (29.0in.)

Net Weight

SE112-BT1	17.5 g(0.62 oz.)
RMCE-BT1	13.8 g(0.47 oz.)
BT2	18.0 g(0.63 oz.)

Operating Temperature

SE215-BT1	0°C to 45°C (32°F to 113°F)
SE112-BT1	0°C to 45°C (32°F to 113°F)
BT2	0°C to 45°C (32°F to 113°F)

Storage Temperature

SE215-BT1	-10°C to 50°C (14°F to 122°F)
SE112-BT1	-10°C to 50°C (14°F to 122°F)
BT2	-10°C to 50°C (14°F to 122°F)

Battery Type

BT1	Rechargeable Li-Ion
BT2	Rechargeable Li-Ion

Nominal Voltage

BT1	3.7 V DC
BT2	3.7 V DC

Battery Life

BT1	up to 8 hours
BT2	up to 10 hours

Total Battery Life

BT1	120 mAh
BT2	200 mAh

Charging Requirements

USB Source

BT1	5 V DC , 100 mA , mini-mum
BT2	5 V DC , 100 mA , mini-mum

Charging Time

BT1	2 hours
BT2	2 hours

Quick Charge

BT1	Up to 1.5 hours of play time with 15 minutes of charge time
BT2	Up to 1.5 hours of play time with 15 minutes of charge time

Battery Charging Temperature Range

BT1	0 to 45 °C (32 to 113 °F)
BT2	0 to 45 °C (32 to 113 °F)

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/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: EMEAsupport@shure.de

Warranty, Service and Repair Information

LIMITED WARRANTY

Shure Incorporated ("Shure") hereby warrants to the original consumer purchaser only that, except as otherwise specified below, this product will be free in normal use of any defects in materials and workmanship for a period of two (2) years from the consumer's original date of purchase directly from Shure or from a Shure-authorized reseller.

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 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 (http://www.shure.com/americas/support/service-repair#step-1)

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

IndonesiaService Center Resmi:

Jakarta Hotline (021) 612 6388

Medan (061) 6612550

Surabaya (031) 5032219

Jogjakarta (0274) 371710

Denpasar (0361) 766788

Makasar (0411) 324652