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Shure SE425 Sound Isolating Earphones User Manual

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Shure SE425



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.



SAFETY PRECAUTIONS: Before using this product, please read and save the enclosed warnings and safety instructions.

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 two symbols – **WARNING** and **CAUTION** – depending upon 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.



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

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

 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.

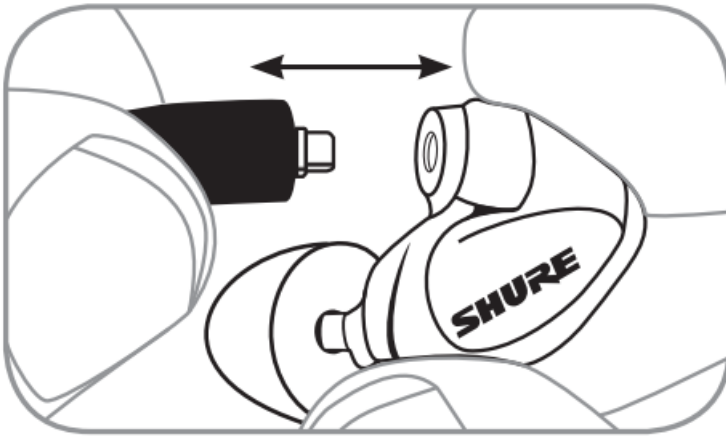
Detachable Cable

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.
- 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).

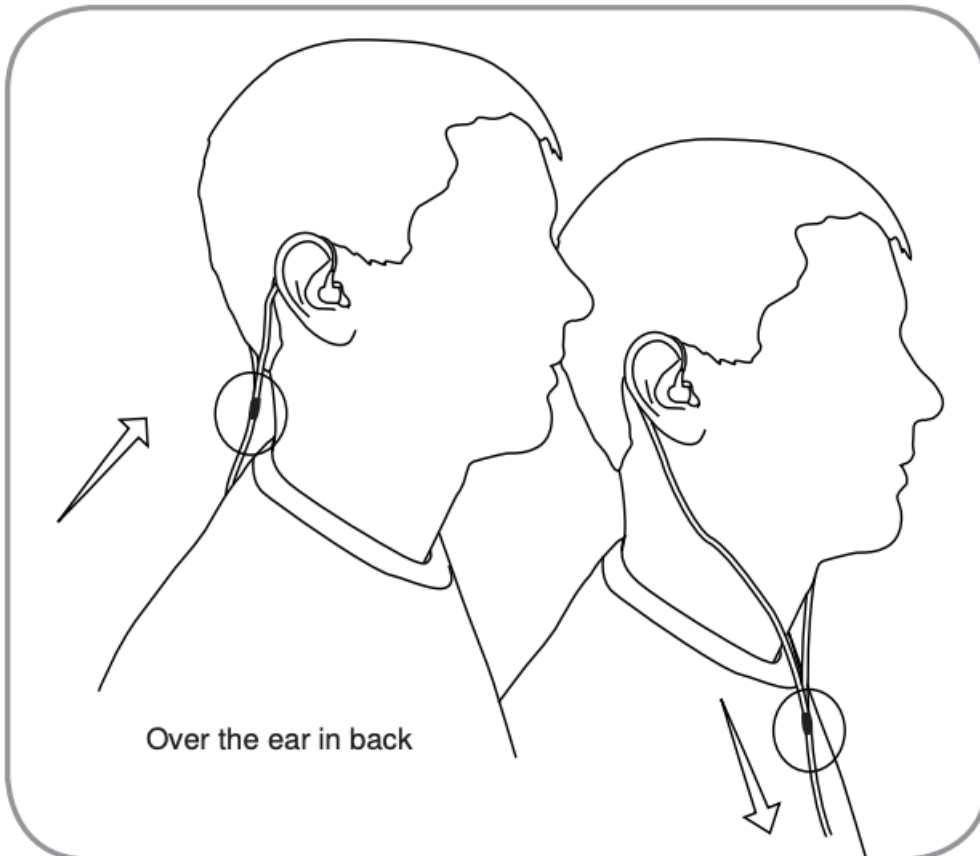
Note: If you pull at an angle, the connector will not detach.



Audible click when properly seated

Wearing the Earphones

The following are some suggested ways of wearing the earphones.



Over the ear in back

Wearing the cable over the ear and securing it behind the head can help keep the earphones in place during physical activity

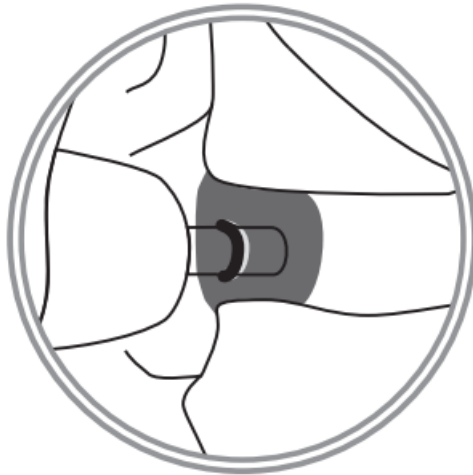
Tighten the cable and take up slack by raising the cable cinch.

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.

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).

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.



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.

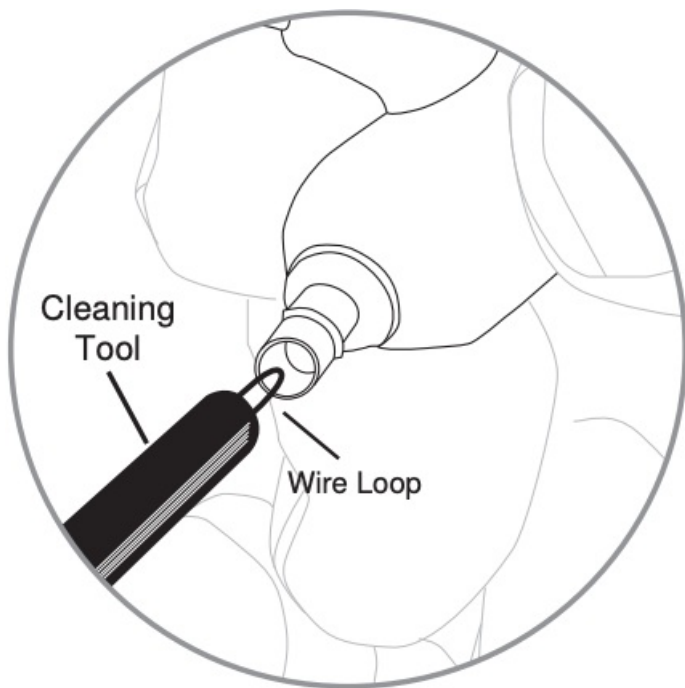


Triple-Flange Sleeves: If desired, use scissors to trim the stem on the sleeve.



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.



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, could result in injury.

Accessories

- Earphone Sleeves
- Replacement Cables
- Carrying Cases
- Music Phone Accessory Cables
- Volume Control
- Adapters

For more information visit www.shure.com

Maintenance

- 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 the 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.
- **Note:** 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.

WARNING: This product contains a chemical known to the State of California to cause cancer and

birth defects or other reproductive harm.

Technical Specifications

SE425	
Transducer type	Dual balanced-armature drivers
Sensitivity (at 1kHz)	109 dB SPL/mW
Impedance (at 1kHz)	22 Ω
Frequency Range	20 Hz - 19 kHz
Input connector	3.5mm (1/8 in.) gold-plated stereo plug
Net weight	29.5 g (1.04 oz)
Operational temperature	-18° C to 57° C (0° F to 135° F)
Storage temperature	-29° C to 74° C (-20° F to 165° F)

CERTIFICATION

Eligible to bear CE Marking. Conforms to EMC Directive 2004/108/EC. Meets applicable tests and performance criteria in European Standard EN55103 (1996) parts 1 and 2, for residential (E1) and light industrial (E2) environments. The Declaration of Conformity can be obtained from the address below.

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2. [Shure SCL4 Sound Isolating Earphones User Manual](#) Shure SCL4 Sound Isolating Earphones The SCL4 earphone features HighDefinition...
3. [Shure Aonic 3 Sound Isolating Earphones User Manual](#) Shure Aonic 3 Sound Isolating™ Earphones Sound Isolating™ Earphones Shure...
4. [Shure Aonic 5 Sound Isolating Earphones User Manual](#) Shure Aonic 5 Sound Isolating™ Earphones Sound Isolating™ Earphones Shure...
5. [Shure Bluetooth Earphones SE215-BT1 User Manual](#) SE215-BT1 Shure Bluetooth® Earphones Wearing the Earphones The following are...
6. [Shure Bluetooth Earphones RMCE-BT2 User Manual](#) RMCE-BT2 Shure Bluetooth® Earphones Bluetooth Pairing Turn off the earphones....