

NOTE: 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 receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

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

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information:

FCC RF Exposure requirements: The highest SAR value reported under this standard during product certification for use next to the head with the minimum separation distance of 0mm. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter.

This product is compliance to FCC RF Exposure requirements and refers to FCC website <https://apps.fcc.gov/oetcf/eas/reports/GenericSearch.cfm> search for FCC ID: 2AX2R-ZE8000MK2

FI-ZE8DPLTW

TWS Bluetooth Earphone

Video guide:



<https://final-inc.com/pages/lang-videoguide-FI-ZE8DPLTW>

Online manual:



<https://final-inc.com/pages/lang-download-FI-ZE8DPLTW>



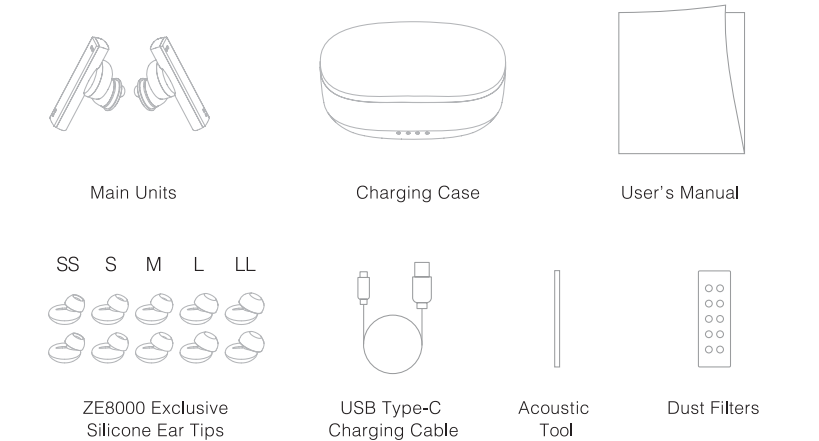
Product: TWS Bluetooth Earphone
FCC ID: 2AX2R-ZE8000MK2



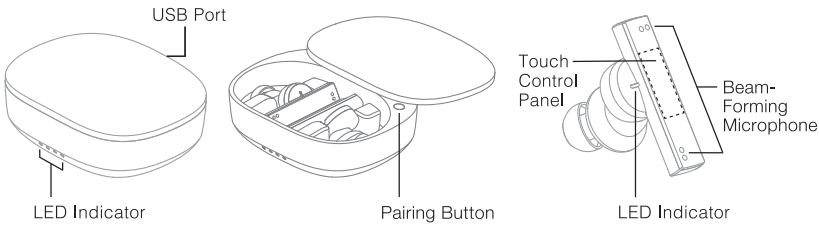
210-212639



f i n a l



Part Name



Power / Charging

Charging the charging case:

Connect the accessory USB charging cable(C) connector to the USB port on the charging case and connect the USB(A) connector to an electrical appliance or adapter with the same shape of connector and the internal battery within the charging case will begin to charge. While charging, the LED Indicator of the charging case will light up in different patterns depending on the battery power level of the charging case as shown in the table below.

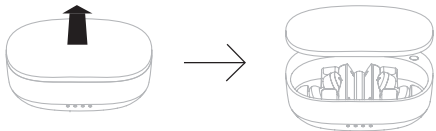
Charging Case Battery Level	LED Indicator of the Charging Case	● ON ● Blinking ○ OFF
0 ~ 25%	● ○ ○ ○	
26 ~ 50%	● ● ○ ○	
51 ~ 75%	● ● ● ○	
76 ~ 99%	● ● ● ●	
100%	● ● ● ●	

Charging the earphones:

Returning the earphone units back to the adequately charged charging case, the power of the earphones will be turned OFF automatically and start charging with the LED Indicator of earphone units light up Red. By closing the charging case, the LED Indicator of the charging case will light up in different patterns for 3 seconds depending on the battery level of the charging case as shown in the table below.

Charging Case Battery Level	LED Indicator of the Charging Case	● ON ○ OFF
0 ~ 25%	● ○ ○ ○	
26 ~ 50%	● ● ○ ○	
51 ~ 75%	● ● ● ○	
76 ~ 100%	● ● ● ●	

Turning ON the Earphones



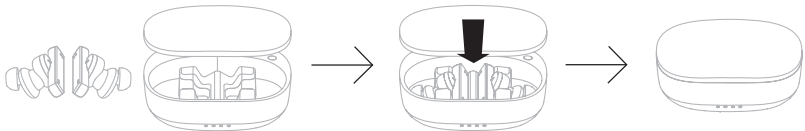
After opening the charging case by sliding up the lid, the LED Indicator of the earphones will light up Blue for 1 second and the power of the earphone units will automatically turn ON. Meanwhile the LED Indicator of the charging case will light up in different patterns for 3 seconds depending on the battery level of the charging case as shown in the table below.

* If the LED Indicator of the charging case does not light up after opening the charging case, the battery of the charging case might have been completely depleted. In such case, the earphone units will not turn ON when the case is opened. In order to turn ON the earphone, please charge the charging case by plugging in the charging cable and take out the earphone units from the charging case.

Charging Case Battery Level	LED Indicator of the Charging Case	● ON ○ OFF
0 ~ 25%	● ○ ○ ○	
26 ~ 50%	● ● ○ ○	
51 ~ 75%	● ● ● ○	
76 ~ 100%	● ● ● ●	

* While the earphones are paired to a device with the dedicated "final CONNECT" application installed, the battery level of the earphones can be checked with the mobile app. Please refer to P.9 for details regarding "final CONNECT" .

Turning OFF the Earphones



Returning the earphone units back to the adequately charged charging case, the power of the earphones will be turned OFF automatically and start charging with the LED Indicator of earphone units light up Red. By closing the charging case, the LED Indicator of the charging case will light up in different patterns for 3 seconds depending on the battery level of the charging case as shown in the table below.

* If the LED Indicator of the charging case does not light up after closing the charging case, the battery of the charging case might have been completely depleted. In such case, earphone units will not turn OFF automatically. In order to turn OFF the earphone, first remove the earphone units from the charging case, then please charge the charging case by plugging in the charging cable and return the earphone units to the charging case.

Charging Case Battery Level	LED Indicator of the Charging Case	● ON ○ OFF
0 ~ 25%	● ○ ○ ○	
26 ~ 50%	● ● ○ ○	
51 ~ 75%	● ● ● ○	
76 ~ 100%	● ● ● ●	

Performing Device Pairing

To connect the earphones to your smartphone or other devices initially, it is necessary to perform device pairing. For devices which have been performed with the device pairing, the Bluetooth connection will automatically be established the next time the power is switched ON if they are in close distance.



Performing initial device pairing:

1. When the case is opened by sliding up the lid, the power of the earphone units will automatically switch ON with the LED Indicator of the earphones lights up Blue for 1 second. Then, they will automatically switch to the pairing mode with the LED Indicator on one of the earphones flashes between Blue and Red.
2. Switch ON the Bluetooth connection of the smartphone or other devices and select [ZE8000] which is shown under the pairable device list. When [ZE8000 Connected*1] appears on the display, device pairing is completed.

Unpairing current device and performing new device pairing with another device:

1. Open the charging case by sliding up the lid. With the earphone units properly returned to the adequately charged charging case, press the Pairing Button of the charging case twice and the earphone will switch to the pairing mode with the LED Indicator on one of the earphones flashes between Blue and Red.
2. Switch ON the Bluetooth connection of the smartphone or other devices and select [ZE8000] which is shown under the pairable device list. When [ZE8000 Connected*1] appears on the display, the new device pairing is completed.

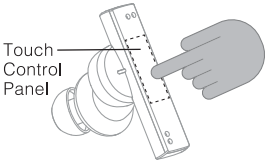
*1: The message display might differ depending on the connected device.

Operation of Touch Control Panel

		L	R
Music	Play / Pause	—	Single Tap
	Raise Volume	—	Double Tap
	Lower Volume	Double Tap	—
	Next Track	—	Triple Tap
	Beginning of the current track / previous track*1	Triple Tap	—
	Switching Noise Canceling / Ambient Sound	Single Tap	—
	Wind-Cut Mode	Touch and Hold for 2s	—
	Voice Through Mode	—	Touch and Hold for 2s
Incoming Calls	Receive / End Call	Double Tap	
	Refuse Call	Touch and Hold for 2s, then Release on Beep	
	Switching Noise Canceling / Ambient Sound	Single Tap	—
	Wind-Cut Mode	Touch and Hold for 2s	—
Siri / GoogleAssistant	Initiate*2	Tap 5 Times	

*1: If you perform the touch control right after the start of a track, you will return to the previous track. If you perform the touch control in the middle of a track, you will return to the beginning of the current track. In order to return to the previous track while you are currently in the middle of a track, please perform the touch control twice in succession.

*2: Depending on the device to which connected, this function may not be available.



About Single Bud Use Mode

This earphone supports single bud use. Once the earphones are being paired to a device, Single Bud Use Mode is automatically activated when only 1 side of the earphones is on use with another side being kept inside the charging case. When used in Single Bud Use Mode, touch sensor operation differs from normal operation, as shown in the table below.

		L / R
Music	Play	Single tap
	Pause	Single tap
Incoming Calls	Receive Call	Double tap
	End Call	Double tap
	Refuse Call	Touch and hold for 2s, then release on beep
Siri / Google Assistant	Initialize	Tap 5 times

Performing Factory Reset

When there is trouble to achieve a successful pairing or unexpected error has occurred, please perform the factory reset by the following procedures stated below. Once the factory reset is completed, please attempt another pairing operation.

1. Return the left and right earphone units back to an adequately charged charging case then push and hold the Pairing Button of the charging case for 7 seconds until the LED Indicator of both earphone units light up in Purple.
2. After a certain amount of time, the earphones will automatically switch to the device pairing mode with the LED Indicator on one of the earphones flashes between Blue and Red. The factory reset has been completed.
3. The earphones are now in the factory default state with all previous pairing information with the smartphone or other devices deleted. Please remove the previous pairing record on the smartphone or other devices then perform device pairing again.

About Noise Canceling / Ambient Sound Mode

By interacting with the touch control panel (P.7) or by using the “final CONNECT” application, users can easily switch between the 4 modes below for the best experiences.

- Noise Canceling Mode - Offers a virtual stress-free quiet environment for your best music listening experience by reducing ambient noise.
- Wind-Cut Mode - Reduces environmental wind noise picked up by the microphones of the earphones.
- Ambient Sound Mode - Allows users to hear both music and the ambient sounds seamlessly at the same time.
- Voice Through Mode - Allows users to focus on the ambient sounds or conversation by minimizing the volume of the music.

What Is the “final CONNECT” Application?

“final CONNECT” application is a dedicated mobile app designed for ZE8000. Please download it onto the smartphone paired to the ZE8000 to unlock the following features.

- Switch between Noise Canceling Mode / Wind-Cut Mode / Ambient Sound Mode / Voice Through Mode
- PRO Equalizer with its design inspired by professional recording equipments allows user to perform finer sound quality adjustment effectively like a pro
- Volume Step Optimizer upgrades the smartphone standard volume control, allowing for enjoyment of music at a pinpoint volume in accordance with the listening environment and user's preferences
- 8K SOUND+ upgrades the digital signal processing algorithm to a higher level and utilizes the computing power of the ZE8000 at its maximum limit allowing you to enjoy the highest sound quality of the “8K SOUND”
- Firmware updates
- Access to the latest news
- Checking the battery level
- Switching voice guidance language (Japanese / English)

Download



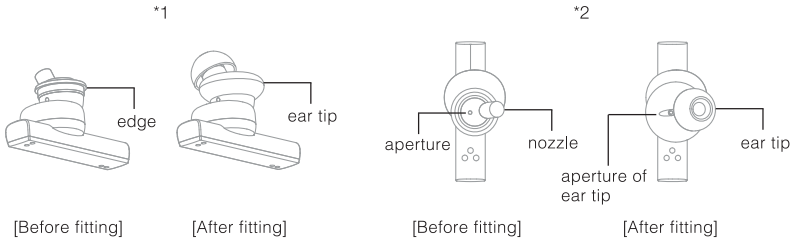
About Ear Tips

If you find that the bass is lacking or the treble is grating, the ear tips may not be properly fitted. In order to make enough of earphone's potential, make sure the ear tips are positioned properly and keep the ear canals sealed. Please try the following instructions for proper fitting.

- Not only the standard M size, but also try different sizes.
- Trying larger size (M, L, LL) might be effective for small ears.
- The size of ear canals might be different from left to right, so try different size ear tips for left and right ear canals.

Please note the following notes when replacing ear tips.

- * The size is marked on the inside of the ear tips, so be sure to check the size when replacing the ear tips.
- * Check that the ear tip is correctly hanging on the edge of the earphone body.*1
- * Check that the aperture of the ear tip is properly aligned with the aperture at the base of the nozzle in the main body of the earphone.*2
- * If ear tips other than the dedicated ones are used, they may come off and remain in the ear canal during use. Please be sure to use the dedicated ear tips.



Safety Precautions

The following descriptions are provided to explain matters that must be observed in order to prevent harm to the user as well as other people, along with damages to property. Please be sure to observe this before using the product.

	Failure to observe the precautions indicated by this label will result in death or serious injury to the user.
	Failure to observe the precautions indicated by this label may result in death or serious injury to the user.
	Failure to observe the precautions indicated by this label may result in personal injury or property damage.

	Fire, electric shock, overheat, ignition, leakage, rupture, or accidental ingestion may cause death, blindness, or serious injury.
	Do not use, store, or leave the product in a humid or dusty place, or in a car where it will be exposed to high temperatures, or places exposed to direct sunlight. Doing so may cause overheat, leakage, or rupture of the product.
	Do not connect to a fast charging power adapter with a maximum power output exceeding 20W per port. Doing so may cause rupture, battery leakage, or overheat and consequently result in fire, burn mark, or injury.
	Do not use other than the supplied USB cable. Doing so may cause rupture, battery leakage, or overheat and consequently result in fire, burn mark, or injury.
	Do not charge the battery when the charging case or USB cable is wet. Doing so may cause abnormal heating or malfunction due to short circuit.

Safety Precautions

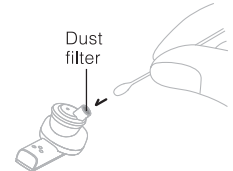
⚠ DANGER	
FLAMMABLE ELECTRIC SHOCK Fire, electric shock, overheat, ignition, leakage, rupture, or accidental ingestion may cause death, blindness, or serious injury.	
PROHIBITED Do not put it in a fire. Doing so may cause leakage or rupture and consequently result in injury or burn mark.	PROHIBITED If you find that liquid is leaking from the earphones or charging case, or if there is an unusual odor or overheat, do not touch the liquid and stop using the earphones immediately. Besides that, move all combustible materials nearby away from the earphones or charging case.
DO NOT DISASSEMBLE Do not disassemble the product. Doing so may cause product malfunctions.	
⚠ WARNING	
FLAMMABLE ELECTRIC SHOCK Fire, electric shock, overheat, ignition may cause burn or serious injury.	
PROHIBITED Do not use the product while driving a car, motorcycle, bicycle, etc. Doing so may cause a traffic accident.	PROHIBITED Do not allow water or foreign matter to get inside the charging case. The charging case is not waterproof. Water or foreign matter may cause fire or electric shock. If water or foreign matter should enter the charging case, stop using it immediately. Regularly check and ensure that no foreign matter adheres to the terminals of the charging case as it may cause overheat or fire.
PROHIBITED Do not use the product in places where it would be dangerous if the surrounding sound is not audible such as railroad crossings, pedestrian crossings, station platforms, etc. Listening at high volume makes it difficult to hear surrounding sounds. The product is equipped with noise cancellation, it is difficult to hear warning tones and other sounds, which may cause accidents or injuries.	PROHIBITED Do not charge the charging case while it is covered by bedding or other covering. The heat buildup may cause abnormal overheat, which may result in a fire.

Safety Precautions

⚠ CAUTION	
May cause injury or damage to surrounding property.	
PROHIBITED Keep out of reach of children or persons requiring supervision. The product uses magnets and batteries. Swallowing small parts may cause serious symptoms such as choking hazard or internal organ damage.	CAUTION Ear tips must be securely attached. If the ear tips are not securely attached, they may come off and remain in the ear canal during use.
PROHIBITED Do not use in medical institutions or around people using medical equipment. It may cause malfunction to medical devices such as pacemakers.	PROHIBITED Do not listen at high volume for long periods of time. Prolonged use at excessive volume may result in permanent hearing loss. Do not exceed 40 hours/week at 80 dB (A) and 5 hours/week at 89 dB (A).
MANDATORY When using the earphones on board an aircraft, follow the instructions of the flight crew. Radio wave effects may cause an accident.	

Maintenance

Please take safety precautions and gently remove any build-up from the dust filter by using a cotton swab. If the build-up cannot be removed, kindly replace the filters on both sides with new dust filters. For details on how to replace the dust filters, please refer to the "How to Replace Dust Filter" extra sheet which can be found together with the supplied dust filter in the accessories.



Troubleshooting: When You Think, "Is It Broken?"

Problem	Cause	Remedy
Earphones will not turn ON	(Immediately after purchasing) Battery level is low	For safety of transportation from overseas, laws and regulations do not allow the internal battery to be fully charged at the time of shipping. For that reason, voltage may fall below the level required for operation at the time the customer opens the package. Fully charging the battery before use may relieve this inconvenience. Please refer to "Power / Charging" on P.3 regarding the method for charging.
	Earphone batteries are depleted	Please return the earphones into the charging case to charge them. (In case the charge in the charging case has run out, please charge the charging case first.) Please refer to "Power / Charging" on P.3 regarding the method for charging.
	Charging case battery is depleted	If the LED Indicator on the charging case does not light up while opening or closing the case, this indicates that the charging case battery might have depleted. Please charge the charging case. Please refer to "Power / Charging" on P.3 regarding the method for charging.
Earphones will not turn OFF	An error has occurred due to improper operation	In some cases, performing a reset operation may fix the problem. Please refer to "Performing Factory Reset" on P.8 regarding the reset method.
	Charging case battery level is low (LED Indicator does not light up while opening or closing the case)	Normally, if the earphones are returned to an adequately charged case, the earphones will automatically turn OFF. If the earphones do not turn OFF, the battery power level of the charging case might be too low. Please try again after charging the charging case. Please refer to "Power / Charging" on P.3 regarding the method for charging.
	Using ear tips other than those included as accessories preventing the case from fully closed	Normally, if the earphones are returned to an adequately charged case, the earphones will automatically turn OFF. However, if ear tips other than provided are used, there are cases in which they may interfere with the charging case and cause the earphones could not be turned OFF. Please check to see whether the earphones turn OFF by using original ear tips.

Troubleshooting: When You Think, "Is It Broken?"

Problem	Cause	Remedy
Earphones cannot be charged	Metal contacts on earphone is not touching the pins on the charging case	Please ensure that the metal contacts are touching the pins on the charging case. In addition, if the golden terminal on the earphone or the charging case is dirty with sebum, etc., it may not be able to be charged. Dirt is hardly visible to the naked eye, so please wipe it off gently with a dry cotton swab.
	Charging case battery level is low (LED indicator does not light up while opening or closing the case)	Normally, if the earphones are returned to an adequately charged case, the earphones will automatically turn OFF and start being charged. If the charging does not start, the battery power level of the charging case might be too low. Please try again after charging the charging case. Please refer to "Power / Charging" on P.3 regarding the method for charging.
	The lid of the charging case is not properly closed	Normally, if the earphones are returned to an adequately charged case, the earphones will automatically turn OFF and start charging. If the lid of the charging case is closed and re-opened, the earphone units will turn ON and keep consuming power and lead to longer charging time. Please make sure the lid is properly closed while charging.
	Using ear tips other than an accessory	Normally, if the earphones are returned to an adequately charged case, the earphones will automatically turn OFF and start being charged. However, if ear tips other than provided are used, there are cases in which they may interfere with the charging case and cause the earphones could not be charged. Please check to see whether the earphones start charging (LED lights up in Red) by using original ear tips.
Touch sensor is not functioning	The touch control panel section has become soiled or wet	In case the touch control panel section has become soiled or wet, the touch control panel may not function properly, and it may not be possible to operate the earphones. Please wipe the touch control panel section with a soft, dry cloth to remove stains or moisture.

Troubleshooting: When You Think, "Is It Broken?"

Problem	Cause	Remedy
Volume is too low / Cannot turn up the volume	Voice Through Mode is ON.	If the "Voice Through Mode" of the Ambient Sound Mode is turned on, the volume is automatically lowered and fixed. Please use the "BGM Mode" when you adjust with the Ambient Sound Mode. Switching the setting of Ambient Sound Mode can be done in the application. For more details, please check "What is The "final CONNECT" Application?" on P.9.
Noise cancelling is not effective enough	Inappropriate ear tips size	If the size of ear tips are not proper, noise cancellation will not adequately work. Please try various sizes other than the standard M size and use the most appropriate size. For more information, please check "About Ear Tips" on P.10.
Earphones cannot be detected / paired	Earphones are not in the pairing mode	In some cases, performing a reset operation may fix the problem. Please refer to "Performing Factory Reset" on P.8.
	Connected to a previously connected device	Please try performing the pairing operation again after having deleted the pairing information from the previously paired device.
In case it takes time to charge	The output of the USB adapter being used for charging is low	In case you are using the USB port on a PC, etc., there are cases in which the output is low and it may take more time to charge than the publicly listed value. As such, please use a 5V/1A USB adapter when charging this product.
While playing music, sound (connection) is interrupted	Unstable connection caused by interference from external factor	Bluetooth communicates using the 2.4GHz band. This band is used by other wireless standards such as Wi-Fi, etc., and so there is a possibility of receiving interference. Moreover, this 2.4GHz band does not penetrate liquids. There is impact from humidity and rain, and the human body also contains liquid, so there are individual differences in connectivity. Furthermore, it depends on the specifications of smartphones and other devices. For that reason, switching OFF unused Wi-Fi / Bluetooth settings on surrounding devices, etc. is a countermeasure. While outside, there is a possibility that moving a smartphone from inside a bag to a breast pocket, etc. or otherwise reducing the distance between devices may improve the connection status.

Troubleshooting: When You Think, "Is It Broken?"

Problem	Cause	Remedy
Sound only comes out from one side	The left / right earphone pairing has been released	In some cases, performing a reset operation may fix the problem. Please refer to "Performing Factory Reset" on P.8.
	The battery of one side of the earphones has depleted	Please return the earphone into the adequately charged charging case to charge it. Please refer to "Power / Charging" on P.3 regarding the method for charging.
Battery consumption is fast for one side of the earphones only	Based on the design specification, one side is the parent and the other side is the child, so the burden between left and right is different	Under the specification for Bluetooth earphones, communication generally takes place with one side as the parent and the other as the child. As such, the child only communicates with the parent, but the parent communicates with the smartphone or other devices and communicates with the child as well, and so there is a difference in the level of burden borne by the left and right earphone. As a result, a difference in the battery consumption between the left and right may occur.
The ear tips come off easily	Non dedicated ear tips are used	Use of ear tips other than the dedicated ones may cause them to come off or remain in the ear canal during use. Be sure to use the dedicated ear tips.
Lower volume on both sides or on a single side	Dust filter at the nozzle opening is clogged with build-up	Please try replacing the dust filters by referring to the "How to Replace Dust Filter" extra sheet which can be found together with the supplied dust filter in the accessories. During dust filter replacement, please always perform the replacement on both earphones.
Buzzer noise from the earphones	Microphone howling effect occurs when microphones are half-covered	Howling effect is a common issue and it is not malfunction. Try to avoid using the earphones by having the microphones half-covered. If howling effect is occurring inside the charging case, please remove the earphones from the case or close the lid completely.