




Bluetooth®  
Wireless Earphone  
MXH-BTW2000

User manual


Thank you for purchasing this MAXELL product. Before use, make sure to read this Instruction Manual and use the product correctly and safely.

Contents of the package


Main Unit (Lx1pc, Rx1pc)



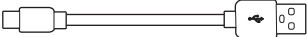
Earpieces (XS/S/M/L 2pcs each)  
\* M is attached to the main unit



Charging Case



Charging Cable  
(USB-A — USB Type C approx. 45cm) x 1pc



User Manual  
(This Document)

Quick Start Guide

1 Introduction

About the user manual

- This Instruction Manual may be subject to change without prior notice.
- In order to improve the product, external appearance or part of the specifications may be subject to change without prior notice.

Disclaimer (See the warranty certificate for details of the warranty.)

- Maxell shall not be responsible for any damage caused by fires, earthquakes, action of a third party, any accidents, intended or unintended misuse or other usage under abnormal conditions.
- The warranty stated in the warranty certificate is all we warrant, and we do not warrant anything except for this warranty including express warranty and implied warranty.
- Maxell shall not be responsible for failure due to any damage caused by usage other than described in the instruction manual.
- This product is not being designed to be any equipment or device which could be concerned with human life such as medical device, nuclear device, astronomical device, transportation device etc., nor equipment or devices which requires high reliability. In case this product is used for the above equipment and/ or systems, Maxell do not responsible for any injuries or fire accident cause by the failure of this product.
- This product is Japanese specification. We assume no responsibility if use outside Japan.

2 Safety Caution

Please strictly follow

	<b>Danger</b>	If it is handled incorrectly, the user may suffer death or severe injury <sup>*1</sup> and the urgency is high.
	<b>Warning</b>	If it is handled incorrectly, it is assumed that the user may suffer death or serious injury <sup>*1</sup> .
	<b>Caution</b>	If it is handled incorrectly, it is assumed that the user may suffer minor injury <sup>*2</sup> or there is a possibility that property damage <sup>*3</sup> may occur.*

- \*1: Severe injury is indicated by those that have after effects such as blindness, injury, burns (high temperature burns/low temperature burns, chemical burns), electric shock, fracture, poisoning, etc. and those requiring hospitalization or long-term regular hospital visits for treatment.
- \*2: Minor injury refers to hurt, burnt, electric shock, etc. which do not result in hospitalization or long-term follow-up consultation.
- \*3: Property damage refers broad damages to houses or properties and domestic animals/ pets.

Examples of Symbol		△ stands for caution to fire, explosion, high temperature when handling the product. Details will be illustrated inside the symbol.
		⊘ stands for prohibited actions when handling the product. Details will be illustrated inside or next to the symbol or with written description next to it.
		● stands for instruction which must be followed. Details will be illustrated inside or next to the symbol or with written description next to it.

Danger

<b>Take power only from the USB port</b>	
When charging, please use USB port of computer etc. or USB adapter. Using other power exceeding USB rating may result in heat generation, ignition, failure, electric shock or injury.	
<b>Do not touch leaked liquid</b>	
Please do not touch the leaked liquid. If liquid leaks from this device and gets into the eye, do not rub. Rinse with plenty of clean water immediately and consult a doctor. It may cause blindness.	

Warning

<b>Do not use while driving a car, motorcycle, a bike, etc.</b>	
May cause traffic accident as hard to hear surroundings.	
<b>Do not use at locations where it will be dangerous if surrounding sounds cannot be heard</b>	
Even while walking, using it in where it will be dangerous if surrounding sounds cannot be heard (such as railway crossings, crosswalks, station platforms, roadways, construction sites, etc.) can cause unexpected serious accidents.	
<b>Do not use in locations where the use of wireless devices is prohibited</b>	
Radio waves may affect cardiac pacemakers and medical equipment. Please do not use in areas where use of wireless equipment is prohibited such as in hospitals or priority seat of trains etc.	
<b>Store properly at places out of children's reach</b>	
Please make sure that small children will not swallow it by accident In case of accident, seek medical attention immediately.	
<b>Do not place in direct sunlight or where the temperature is too high</b>	
The surface of equipment and parts may deteriorate, result in causing fire. Please take extra care in closed automobile in summer, or it is under direct sunlight or near a stove.	
<b>Do not put into fire</b>	
This may result in heat generation, ignition, breakage, leakage.	
<b>Do not put into water</b>	
This may cause fire or electric shock.	

<b>Do not repair, alter or disassemble these parts</b>	
Fire, electric shock, injury may occur.	
<b>Turn off the power in case of abnormality</b>	
If smoke or strange smell or sounds comes out, or water or foreign object gets inside, or the product is dropped, please turn off the power immediately. Furthermore, if it is being charged via USB, unplug the USB connection. Continued usage may cause heat generation, ignition, malfunction, electric shock, etc.	

<b>If the charging is not completed even after exceeding the predetermined charging time, stop charging</b>	
It may cause leakage, overheating, fire or breakage.	

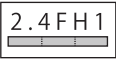
Caution

<b>Do not increase the volume too much</b>	
Continuously listening to loud volume can result in overstimulation of ears for an extended period of time. It may affect the hearing. Furthermore, if the volume is raised too much from the beginning, the sudden loud sounds may harm ears. Before using, please reduce the volume of the connected device.	
<b>Discontinue use when it does not fit your skin</b>	
Continued usage may cause irritation or rash. If you feel an abnormality, please discontinue use and seek medical attention.	
<b>Do not force the earphones into your ear</b>	
It may hurt your ear hole.	
<b>Charge and use within the temperature range of 5~40°C</b>	
Charging and using at temperatures outside this range may cause leakage, overheating, breakage, or malfunction.	
<b>Make sure the USB connector does not get dusty</b>	
Please remove dust and dirt regularly. Otherwise it may cause overheating or fire.	

Note on wireless use

This device uses 2.4 GHz frequency band. This frequency band is also used by internal radio stations (radio stations that requires a license), specific low-power radio stations (radio stations that do not require a license) and amateur radio stations (radio stations that requires a license) for moving object identification that are used in industrial, scientific, and medical equipment such as microwave ovens as well as factory manufacturing lines.

1. Before using this device, make sure that any internal radio station, any specific low power radio station or any amateur radio station for moving object identification are not operated nearby.
2. In the unlikely event of radio interference to an internal radio station for moving object identification from the device, immediately change the location of use or stop the emission of radio waves.
3. In addition, when any troubles arise such as radio interference to a specific low-power radio station or an amateur radio station for moving object identification from this unit happened, please contact our company's "Customer Service Center".
4. This unit is certified as a low-power data communication system based on the Radio Law. Therefore, you do not need a wireless station license to use this machine. However, it is prohibited to disassemble, remodel or erase the certification making on the product.
5. Please do not use in areas where use of mobile phone and wireless equipment is prohibited such as in hospitals or priority seat of trains etc.

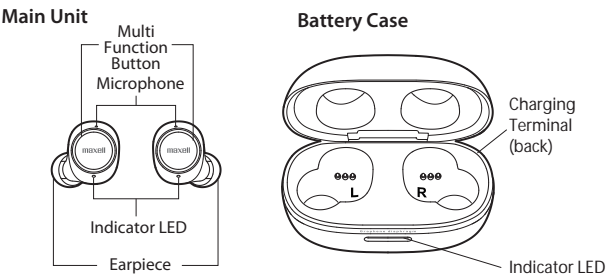


This radio equipment uses the 2.4 GHz band. The FHSS modulation method is adopted as the modulation method, and the interference distance is 10 m.



204-920438

3 Name of Each Part



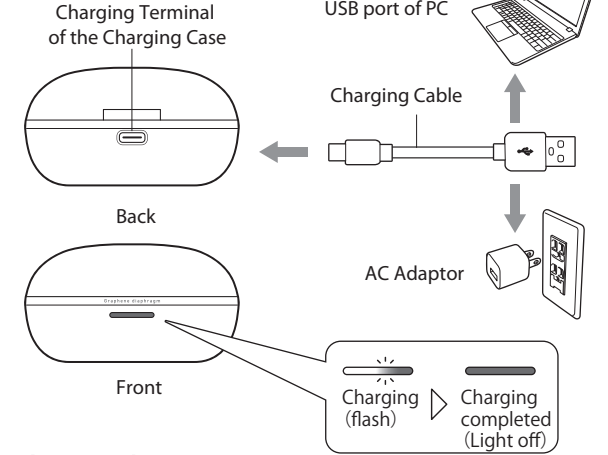
4 Preparation

This product has a built-in lithium ion battery. After purchase, please charge before use.

<Charging the charging case>

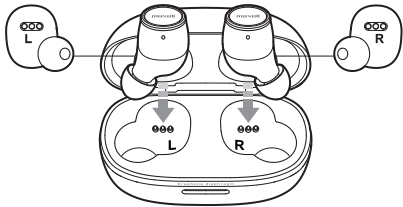
1. Connect the supplied USB charging cable to the charging case and the USB port of PC or USB adapter.
2. Charging of the charging case starts and indicator LED flashes.
3. Charging is completed when the indicator LED turns off. (Charging time: approx. 2hrs)
4. Remove the charging USB cable.

Connection diagram



<Charging the main units>

1. Place the main units into the charging case. Align the L and R display of the main units to the corresponding indication in the charging case for charging.
2. The indicator LED on the main units turn red and charging starts. The indicator LED on the charging case shows an indication of the battery level.
3. Charging is completed when the indicator lights on the main units go out. (Charging time: approx. 1hr)



- ※ Please do not use other cables except the supplied cable for charging.
- ※ Please use 5V DC power supply based on USB standard for a USB port.
- ※ If the battery is not used for a long period of time, charge it at least every 6 months.
- ※ Self-discharge may cause complete discharge and may become unable to charge.
- ※ Lithium ion battery is a consumable item. The usage time will reduce with use. If the usage time becomes extremely short, it indicates the end of battery life.
- ※ It cannot be operated while charging.

<Choosing an earpiece>



At the time of purchase, size M earpiece are attached to the main unit.  
If size M does not fit your ears, please replace with the size XS, S or size L earpiece in the contents.  
If the earpiece does not fit correctly, it will not be possible to seal the ear hole with the earpiece, which may cause sound leakage and no bass to be heard.  
Also, if you feel that the volume is low, there is a possibility of sound leakage.

5 How To Use

<Pairing and connecting>

In order to use this product, it is necessary to pair with your Bluetooth device. Once pairing is done, you can connect without pairing again.

- When the main units are removed from the charging case, the main units’ power turns on automatically, and the indicator LED starts flashing.
- After a while, the LED of the main unit (L) starts to flash red and blue alternately . The main unit (R) flashes in blue slowly.
- Enable Bluetooth function on your Bluetooth device.  
※For details on setting, please refer to the instruction manual of the device.
- Please select "MXH-BTW2000 L" from the list displayed on your Bluetooth device.
- “MXH-BTW2000 L Connected” is displayed on your device.
- The Bluetooth pairing request will be pop-up and displayed on your device. Select “Pairing”.
- Pairing is complete when “MXH-BTW2000 L connected” or “MXH-BTW2000 R not connected” \*1 is displayed on your device.

\*1 : Depending on the devices and OS version used, “Headset” may be displayed.

<Connection after the second time onward>

- When the main units are removed from the charging case, the main units’ power turns on automatically, and the indicator LED start flashing.
- Activate Bluetooth on your Bluetooth device.
- The earphone will connect automatically.\*2 After connect, the display lamp will flash blue slowly.

\*2: If it does not connect automatically, please select "MXH-BTW2000L" from the list displayed on your Bluetooth device. You can also connect by selecting “MXH-BTW2000 R”. In this case, “MXH-BTW2000 R connected” or “MXH-BTW2000 L not connected” is displayed.

**Caution**  
● Pairing mode lasts for approximately 3 minutes, and if it is not paired during that time, the power will OFF.  
● Password<sup>3</sup> input may be requested by your Bluetooth device. In that case, you can pair it by entering "0000".  
● This product can simultaneously store up to 8 paired Bluetooth devices. When more than 9 pairings are attempted, the information of the 1st stored Bluetooth device is erased and is replaced by the newly paired device. If you want to use a Bluetooth device whose information has been erased, please pair it again.

\*3: Password may be called passcode, passkey, PIN code, etc.

<How to operate>

■ Common function

Function	Operation	Display lamp	Guidance sound
Power On	Remove the main units from the charging case	Main Unit L: Blue light flashes	Power On Left Channel Right Channel
	Or, while the power is off, press and hold the multi function button on the main unit L and R for approximately 3 seconds	Main Unit R: Blue light flashes slowly	
Power OFF	Place the main units into the charging case	Main Unit LR: Red light ON	Power OFF
	Or, press and hold the multi function button on the main unit L or R for approximately 3 seconds	Main Unit LR: After red light ON, it off.	

Pairing Mode	Remove the main units from the charging case	Main unit L: Blue light flashes → Blue light and Red light flash alternately Main unit R: Blue light flashes slowly	Power ON Left Channel Right Channel Pairing Mode
	Or, while the power is off, press and hold the multi function buttons on the main unit L approximately 5 seconds. Also, press and hold the multi function button on the main unit R for about 3 seconds to turn on the power.		
Pairing complete	Pair this product from your Bluetooth device. Please refer to <Pairing and connecting>	Main unit LR: Blue light flashes slowly	Connected
Connect	After pairing is completed, automatically connects if Bluetooth of your Bluetooth device is enabled <sup>4</sup>	Main unit LR: Blue light flashes slowly	Connected
Disconnect	Disconnect the product from your device (or disable Bluetooth)	Main unit L: Blue light flashes main unit R: Blue light flashes slowly	Disconnected

\*4: If it does not connect automatically, please select "MXH-BTW2000L" from the list displayed on your Bluetooth device.

**Caution** After approx. 2 minutes without Bluetooth connection, the power will turns off automatically.

■ Music Playback

Function	Operation
PLAY / PAUSE	Press the multi function button on the main unit L or R to operate play and pause
Volume UP / DOWN	This operation cannot be done with this product. Operate with the connected device
Next song (skip to the next song)	Press the multi function button on main unit L or R twice in succession
Previous song (return to the beginning of the currently playing song <sup>5</sup> )	Press the multi function button on main unit L or R three times in succession

\*5: If the button is pressed at the beginning of the song, it will skip to the previous song.

**Caution** Depending on your Bluetooth device, the operation may different or may not be available.

■ Hands free call

Function	Operation
Receiving a call	Press the multi function button on the main unit L or R when receiving a call
Ending a call	Press the multi function button on the main unit L or R during a call
	The other party disconnects the call

**Caution** Depending on your Bluetooth device, the operation may different or may not be available.

■ Ambient sound Mode

Function	Operation
Function ON	Press and hold the multi function button for approx. 3 seconds during use *6
Function OFF	Press and hold the multi function button for approx. 3 seconds during use

\*6 : There will be a voice dial announcement approx. 2 seconds after the long press of the multi function button, but if you keep pressing the key and then stop pressing it after approx 3 seconds, the external sound capture function will turn on.

**Caution** Since the voice is given priority during a call, the external sound capture function does not work.

6 Troubleshooting

The power does not turn on	• Insert the main units into the charging case and remove them from the charging case. • Press and hold down the multi function button for about 3 seconds. • Please charge the product.
No sound	• Please pair and connect Bluetooth. • Power is not turned on. Press and hold the multi funtion button for approximately 3 seconds. • Check to see if the connected device supports Bluetooth profile A2DP. • Check if the Bluetooth device is playing. • Please increase the volume of the Bluetooth device slowly.

Sound is distorted or interrupted	• Please reduce the volume of the connection device and this unit. • Please turn off the functions such as bass boost of connection device. • Remove any obstacles between the connection device and this unit. • Keep the connection device close to this unit. • Please keep away from radio equipment or microwave ovens.
Cannot hear the voice on the phone	• Please press the multi function button to receive the call. • Make sure that the Bluetooth device supports HFP or HSP.
Unable to charge	• Insert the charging cable until the end of the charging terminal. • Remove the main units from the charging case and place the main units in again. • Remove dirt from the main units and charging case contacts. • Charge within the charge temperature range (5℃ to 40℃) .

If the problem does not improve, please reset the main units. When the main units are reset, all paired device information is erased and it will be in the state at the time of purchase. Please pair again.

- Press and hold the multi function button on the main unit L or R for approximately 5 seconds to turn the power off.
- Press and hold the multi function buttons of the main units L and R for approximately 15 seconds, and release when the purple indicator LED flashes and turn off
- Set the main units L and R in the charging case.
- Please carry out pairing according to the procedure in 5 How to Use <Pairing and connecting>.

7 Specification

Headphone specification	Model	Sealed dynamic type
	Driver unit	Diameter 6mm
	Audio frequency response	20~20,000Hz
	Power supply	Built-in rechargeable lithium ion battery
	Duration	Continuous playback: approx. 8 hours, Continuous standby: approx. 170 hours.
		Charging case charge main units for approx. 3 times <sup>1</sup>
	Charging time	Main Unit: Approx. 1 hours Charging Case: Approx. 2 hours
Wireless specification	Weight	Main Unit: Approx. 6.8g x 2 Charging Case: Approx. 72g
	Accessories	Earpieces (XS/S/M/L 2 units each) ※ M size are attached to the main units. Charging cable (USB-A-USB Type-C approx. 45cm) x1, instruction manual, Quick start guide
	Communication method	Bluetooth® Ver.5.0
	Communication distance	Max. 10m
	Supported profile	A2DP, AVRCP, HFP, HSP
	Supported codecs	SBC、AAC、aptX™
	Supported content protection	SCMS-T
	Multi-pairing	Max. up to 8 units

\*1: When the main units and the charging case are fully charged, the playback time is a maximum of 32 hours for a total of 4 times, where 1 time for the main units and 3 times for charging from the charging case.

※Specifications and appearances are subject to change without prior notice for improvement.  
※This device has a lithium ion battery built in. Usage time and battery charging time are based on our test results. It depends on the usage environment.

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8 Discard this product

**Caution Disposal of rechargeable batteries in Japan**  
The built-in rechargeable battery can be recycled.  
Do not remove the rechargeable battery yourself, please contact our Customer Service Center.  
Please refer to the JBRC website for information on rechargeable battery collection / recycling and recycling partners.



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