

Preface

MOTOROLA's Bluetooth Headset CHYN4590A is a cordless mobile solution built on Bluetooth wireless technology.

Please proceed the instructions before using your Headset

What is Bluetooth Technology?

The Bluetooth wireless Technology eliminates constraint of cables by making connection to any portable and stationary device realized. This is built on the technology that is based on a radio link that provides voice and data transmission.

The Bluetooth wireless technology uses a worldwide available range of frequency to ensure communication compatibility throughout the globe.

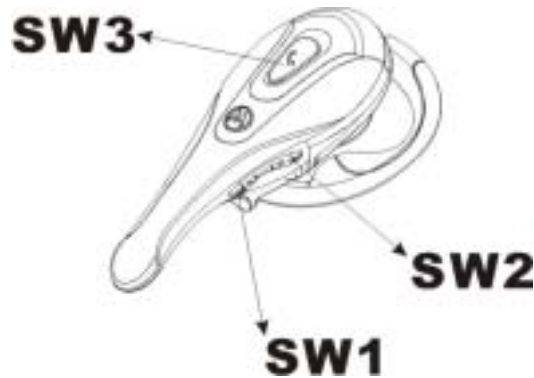
How the Headset is Used?

For Headset to work, it must be used with mobile phone, PC or any device with Bluetooth technology that conforms to the Headset Profile. This User's Guide concentrates on how to use the Headset with your mobile phone. When the Headset is connected to your mobile phone, calls can be made by using voice control (provided that this function is supported by your phone). Because the Headset is designed to keep your hands free, the phone can be tucked away in your pocket or in a bag. By using a two-side push button on the Headset, you can easily handle incoming and outgoing calls, and adjust the volume.

Operating Your Headset

Overview

To be able to use the Headset together with a mobile phone, or any device that you want to use with the Bluetooth Headset, it has to be compatible with Bluetooth wireless technology and supports the Headset Profile. In order to use the Headset with a mobile phone, you need to have a phone with Bluetooth capability built-in.



SW1 : Decrease Volume

SW2 : Increase Volume

SW3 : On/Off and Answer/End calls

Getting Started

You should do the following prior to using the Headset with a phone or other device for the first time,

- Decide on which ear you want to wear the headset (factory setup is for right-ear use).
- Pair the Headset with a device (mobile phone).
- Use appropriate MOTOROLA charger to charge the Headset

The above stages are described in detail below.

Right or Left Ear

The direction of the ear clip has to be changed should you decide to wear the Headset on your left ear.

To adjust the ear clip for left-ear use:



Putting On the Headset

- Put on the Headset with the ear clip behind your ear.



- Ensure the microphone is pointing toward your mouth.



Turning the Headset On or Off

To turn the Headset on

- Press and hold the Headset SW3 and (SW2orSW1) button, followed by the indicator light. The Headset indicator light will flash blue, but alarming sound when low battery is detected.

To turn the Headset off

- The indicator light flashes one time when you press and hold the Headset SW3 and (SW2orSW1) button. The Headset is now turned off.

Pairing the Headset

Pairing the Headset with the device you want to use with is required before starting to operate the Headset for the first time.

Using a Mobile Phone with Built-in Bluetooth Capability.

You can simply pair the Headset with your phone by adding it to a list of paired device in the phone. They will connect each other based on the recognition between the phone and the Headset.

Putting Headset in Pairing Mode

While the Headset is powered down, press and hold SW2 for 10 seconds. LED flashing alternately will indicate the Headset is in Pairing Mode. The default Passkey required for pairing is 0000. If the Headset is not successfully paired within the Pairing Timeout period, it will automatically shutoff.

<Reference>

How to pair Headset and cell phone?

1. In the cell phone, scroll the “Extras”, press **YES**, “Bluetooth”, press **YES**, “Paired devices”, press **YES**, ”Add device?”, press **YES**, “Phone initiates”, press **YES**.
2. The cell phone shows a list of device types that can be paired with it is displayed. Scroll the “Headset” and press **YES**.
3. Putting Headset in pairing mode, press ”SW3” on Headset for more than 10 seconds until LED keeps lighting. Be sure that the Headset is not far away from the cell phone.
4. The phone commences searching for the Headset as soon as the Headset passkey “0000” is entered, and press **YES**.
5. When the search is complete, the display shows a list of available devices, ex. “CHYN4590A”, then press **YES**.
6. The preset Headset name may be modified to your own personal name tag now. Press **YES**. When pairing has been completed, the indicator light on the Headset flashes green.

If you still have any questions about how to pair different brand of cell phones, you could refer to your cell phone vendor.

Charging

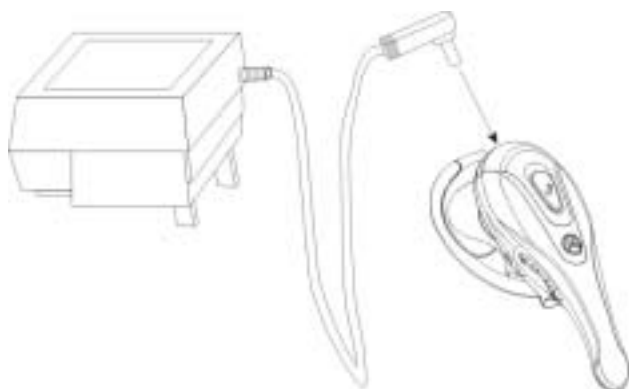
The Headset comes with a rechargeable battery included. The battery is not fully charged when it is new. For first time use, insert the adaptor into the Headset to charge until the indicator light turns green.

- It takes 1-1.5hours to fully charge the battery.
- To indicate that the Headset runs on low power, the Headset indicator light flashes red when the Headset is on.
- When the Headset is turned off during the process of charging, the indicator light shows a steady red light, and flashes red when the Headset is on.
- When the headset is turned off once the battery is fully charged, the indicator shows a steady green light, or shows green light if the Headset is on.
- After battery fully charged, do not recommend charging again while indicator light flashes green.

Which Charger Can I Use

Please use MOTOROLA travel charger to the Headset.

How to Charge the Battery



- Connect the adaptor into the Headset as shown in the picture. Gently press the adaptor until it clicks into place.

Volume Adjustment

Listening volume adjustment

Headset listening volume can be adjusted during a call.

To adjust the listening volume

- To turn down the volume, slide and return the Headset button SW1.
- To turn up the volume, slide and return the Headset button SW2.

Note: The orientation of the volume button must be changed when you change the ear on which the Headset

is worn.

Making and Receiving Calls

Once the Headset is successfully paired with your phone, you can use the Headset to make and receive calls, provided that the Headset is on and operated within up to 10m/ 30ft. with no solid obstructions of the phone.

The Headset can be used with voice dialing if your phone supports this feature. For detailed operation on voice control, please refer to your phone's user's manual.

The Headset light indicator will flash slower during an ongoing call.

The Headset button has following functions:

- make a call (by using voice control and redial)
- receive a call
- terminate a call
- transfer the sound from the phone to the Headset

The following is for user's reference should you be using the Headset with a built-in Bluetooth phone.

Making Calls

Using voice dialing to make a call

1. Be sure the phone and the Headset are power on and are within close proximity to each other. Single click "SW3" on the Headset.
2. Once a beep is heard, voice dial as you normally would.
3. Press "SW3" button on the Headset to end the call, or press the NO key on the phone.

How to redial last phone call

Be sure the phone and the Headset are power on and are within close proximity to each other. Press "SW3" on the Headset for a few seconds to automatically redial last phone call.

Should the phone not supporting voice dialing, you can also make a call using the phone's keypad or phone book

Using the phone keys to make a call

1. Ensure the Headset and the phone is turned on and within 10m/ 30ft of each other.
2. Enter the number as you normally would.
3. With a built-in Bluetooth mobile:
 4. Once the call has been connected, press the Headset button "SW3" to transfer the sound to the Headset.

Press the Headset button “SW3” or the NO key to end the call.

Answering Calls

- When the Headset rings, press the button “SW3” on the Headset to answer a call.
- Single click “SW3” on the Headset or the NO key to end the call.
- Press ”SW3” on the Headset for a few seconds or the NO key to refuse all the phone calls.

To answer a second call

During a conversation, you can answer a second incoming call by pressing the “SW3” for a few seconds, and you can still use the Headset for talking and listening.

Transferring the sound from phone to Headset

You can still transfer the sound to the Headset if you make a call without using it. Make sure the Headset is on and within close range to the phone.

Transferring calls

Calls can be transferred from the cell phone to the Headset and from the Headset to the cell phone.

Transferring the sound from phone to Headset

1. With a Bluetooth phone, press the button on the Headset to transfer the sound to the Headset.
2. If you turn on the Headset after receiving the phone call, you could press “SW3” to transfer the sound to the Headset.

Transferring sound from Headset to phone

Use with a built-on Bluetooth phone.

During an ongoing call, scroll to Ongoing Call, choose “Yes”, then select “**Transfer Call**” and press “**Yes**” to confirm the transfer.

Additional information

Troubleshooting

This section lists some problems that you might encounter while using your Headset.

The Headset Indicator Light Flashes Red

This indicates that the Headset is running on low battery and has limited talk time and standby time left. Charge the Headset for approximately 1 to 1.5 hours.

No Sound Contact Between Headset and Other Device

In order for the Headset and the device you are using to recognize one another, they ought to be paired. Make sure the Headset and the device you are using with are no more than 10 m. /30 ft. apart, so they are within operable range.

No Indication of Charging is Shown

For the Headset battery that is empty, or has not been used for a long time, it may take several minutes for the indicator to show charging status (a steady red light).

Guidelines for Safe and Efficient Use

Note: *Read this information before using your Bluetooth Headset.*

Product Care and Maintenance

Please read the following to get the most out of your sophisticated Bluetooth Headset about product care, safe and efficient use.

For any queries about any exceptions when using Bluetooth equipment, due to national requirements or limitations, please visit www.bluetooth.com.

Product Care

- Use of non-Motorola original accessories may result in performance deterioration, product damage, injury, or electronic shock, and warranty termination.
- Do not attempt to disassemble your Headset, as it does not contain any components serviceable or repairable by consumers.
- Do not paint your product as the paint could prevent normal use.
- Do not place the Headset in a dusty area, and only use soft cloth to clean your Headset.
- Do not allow children to play with your Headset, as they might injure themselves or others as well as damaging the Headset.
- When the Headset is not in use, always place it in its case.
- Do not place the Headset in extreme hot or cold temperature if the Headset will not be used for a while.

Potentially Explosive Atmospheres

When surrounded by possible explosive atmosphere, turn off the electronic device as it may generate sparks which can cause an explosion or fire. Explosive atmosphere may include gas stations, fuel or chemical storage facilities, and in environment where metal powders, grain, dust are contained in the air.

For safety reasons, do not carry or store flammable goods such as gas, liquid in your vehicle compartment containing an electronic device.

Power Supply

- Power supply must be connected to designated power sources as marked on the product.
- To avoid potential damage to the electric cord, only remove it by grasping onto the AC adaptor rather than the cord itself from the outlet.
- Ensure the cord is well positioned as to avoid potential damage.
- Before attempting to clean, please unplug the unit from any power source to avoid potential electric shock.
- The charger is designed for indoor use only, and must not be used outdoors.

Children

Do not allow children to play with your Headset since small parts may become a choking hazard.

Emergency Calls

IMPORTANT!

Connection cannot be guaranteed at all times under all conditions as the Headset used with the electronic device operates using radio signals, landline and cellular networks. Therefore its not recommended depending primarily on any electronic device for essential communication (e.g. 911 calls).

Keep in mind that when making or receiving calls, the Headset and the electronic device connected to it must be turned on and within signal strength. Emergency calls can sometimes be disturbed on certain cellular phone networks or when certain network services and/or phone features are in use. Check with your local cellular service provider for details.

Battery Information

New Batteries

The battery is not fully charged when it is new. For first time use, insert the adaptor into the Headset to charge it full until the indicator light turns green.

Battery use and care

Note: Only Qualified Service Centers are authorized to remove or replace the battery.

If treated with care, a rechargeable battery has a long service life.

A new battery, or one that has not been used for a long period of time, could have reduced capacity the first few times it is used.

- Use only Motorola original accessories. Use of non-original Motorola accessories could be risky and the warranty is void should the product failure is caused by using non-Motorola original accessories.
- Do not expose your battery in an environment temperature above +55°C (+131°F). If the battery is operated in cold temperatures, the battery capacity is reduced.
Use your battery in room temperature for maximum battery capacity.
- The battery can only be charged when the temperature is between +10°C (+50°F) and +45°C (+113°F).



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.**
- 2. This device must accept any interference received, including interference that may cause undesired operation.**

15.21

Federal Communications Commission (FCC) Statement

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

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15.105(b)

Federal Communications Commission (FCC) Statement

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.**

FCC RF Radiation Exposure Statement:

- 1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.**

- 2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.**

Installation and use of this Bluetooth Headset device must be in strict accordance with the instructions included in the user documentation provided with the product. Any changes or modifications (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment. The manufacturer is not responsible for any radio or television interference caused by unauthorized modification of this device, or the substitution of the connecting cables and equipment other than manufacturer specified. It is the responsibility of the user to correct any interference caused by such unauthorized modification, substitution or attachment. Manufacturer and its authorized resellers or distributors will assume no liability for any damage or violation of government regulations arising from failing to comply with these guidelines.