Wireless Hands Free kit
ENDLESS MOBILE WORLD

The Future
The Health
The Safety

BLUETOOTH
User's Manual

English
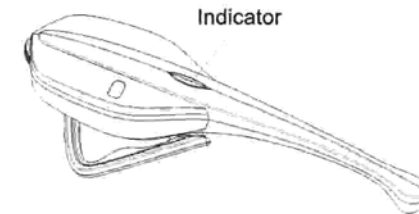## Table of Contents

Introduction

As a form of wireless communications protocols, the working theory behind Bluetooth lies in routing transmission signals via the 2.4 GHz bandwidth, where not only text data but Bluetooth compatible sound packets can also be transmitted in a one-to-one or one-to-multiple receiver transmission mode to 48-bit addressed under the IEEE802 protocol for up to a transmission range of approx. 10 meter radius. The Bluetooth technology not only offers a maximum transmission speed of up to 1 mega bit per second, but its programmable encryption also serves to protect frequency update of 1,600 shots per minute to weed out illicit interception or electromagnetic disruptions.
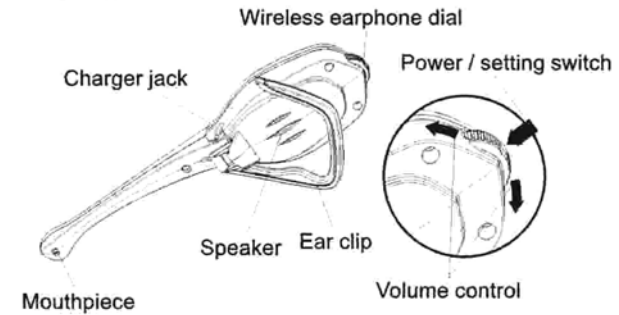
Wireless Headset operations

Prologue

A requisite to this Bluetooth enabled wireless headset would require cell phones with compatible built-in Bluetooth technology, and made to support wireless headset onnection, meaning your cell phone will need to either contain built-in Bluetooth feature, or one that is made for connecting to a Bluetooth transceiver.
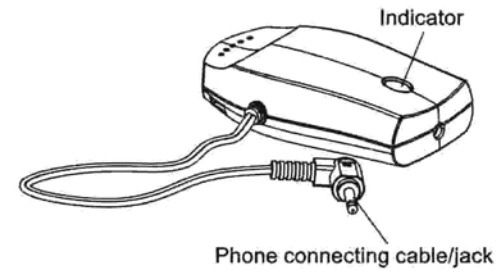
<Front view of the earphone>

Indicator

<Rear view>

Wireless earphone dial

Power / setting switch

Charger jack

Speaker Ear clip

Mouthpiece

Volume control

Headset specifications

Operating frequency	2.4 GHz
Signal processing mode	Bluetooth digital protocol
Wireless signal	Alternate frequency mode
Signal radius	Approx. 10m radius
Battery type	Ionic lithium/high molecular lithium
Battery power	160mAH
Speak time	3 hours 20 minutes
Standby time	75 hours

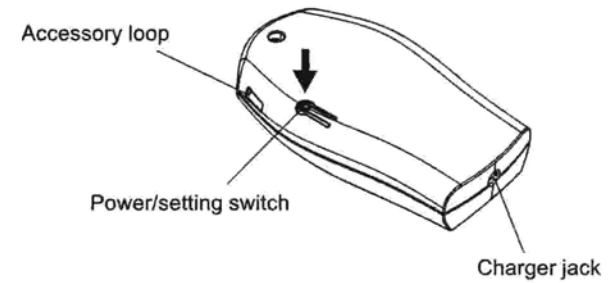## Transceiver specifications

Signal radius	Approx. 10m radius
Battery type	Ionic lithium/high molecular lithium
Battery power	160mAH
Speak time	3 hours 20 minutes
Standby time	75 hours

Frontal transceiver view

<Front view >

Indicator

Phone connecting cable/jack

<Rear view>

Accessory loop

Power/setting switch

Charger jack

Charger appearance

Specifications:

1.Input: 110-240V AC, 30mA, with a frequency range between 47 and 63 Hz.

2.Output: 5V DC current, with maximum current at 110mA DC +/- 10%.

3.Short-circuit protector: the circuit protector will automatically severe the output current when detecting a circuit short.
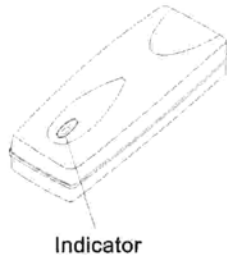
4.Indicator status:

    A.The green indicator will come on when the charger jack is connected to 100-240V current.

    B.The red indicator will stay on throughout the duration of recharging.

    C.The green indicator will come on when the battery reaches 4.2 volts as the charger will continue to recharge until nearing the amperage of 1.5mA.
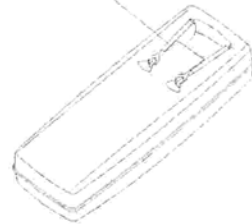
\<Front\>

\<Rear\>

Retractable jack

Indicator
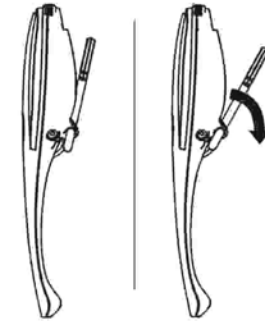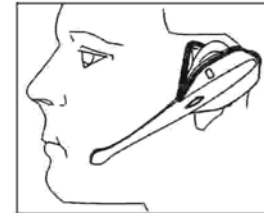
Headset use

Usage

- Gently unfold the ear clip, as shown in the sketch to right.

- Insert the headset and place the ear clip behind your ear, as shown in the sketch below
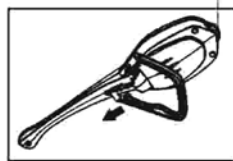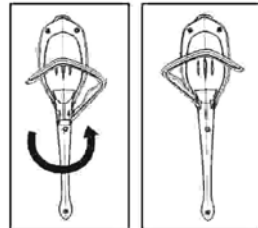
- Adjust the mouthpiece to position.

Switching ears

- To accommodate your custom usage, the headset is directional adjustable and can be worn either to your right ear or left ear, as shown in the sketch to right.

- Gently remove the ear clip.

- Remount the ear clip to a direction desired, and click in place securely.

How to charge the battery

1. Connect the charger's two charger jacks to the charge jack of the headset and transceiver, as shown in the sketch to below.

2. When charging, the charger's indicator will turn red; when fully charged, the charger's indicator will turn green.

3. Useful tips: when operating for the first time, please leave the headset and transceiver on the charger for a minimum of around four hours.
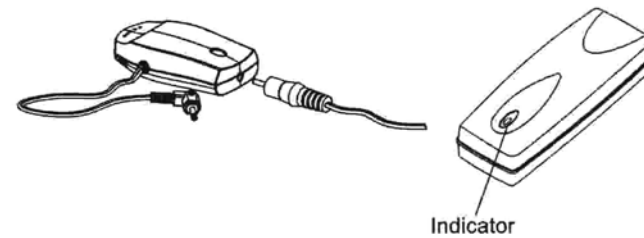
Indicator

Basic Wireless Headset operations

1.**Power on:** Depress the switch for approx.
3 seconds and wait for a low-pitch beep,
followed by a high-pitch deep and the
indicator will turn green and begin to flicker.

2.**Power off:** Depress the switch for approx.
3 second and wait for the headset to sound
off one low-pitch and one high-pitch beeps
as the unit's power will be turned off.

3.**Volume control:** Set the switch lever
forward / rearward to adjust the sound
volume.

Volume control

Basic transceiver operations

1.**Power on:** Depress the switch for approx.
3 seconds and the green indicator will come
on; upon releasing the switch, the indicator
will turn green and begin to flicker, a sign
indicating the power on has been completed.

2.**Power off:** Depress the switch for approx.
3 seconds and the indicator will display red;
release the switch as the red indicator goes
off will indicate that the unit has been
disconnected.

Power/Setting switch
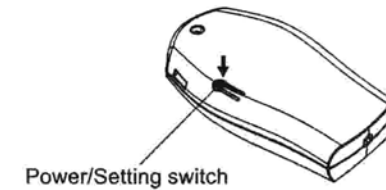
How to Pair

Pairing with Bluetooth enabled handsets

With a phone that already has built-in Bluetooth, simply connect the wireless headset to a Bluetooth-enabled phone without having to route through the transceiver.

Pairing process:

1. When paring a phone to the headset, first set the headset to pairing Mode.
2. Turn off the headset, and depress the switch for approx. six seconds until the indicator alternately flickers in red and green to access the Pairing Mode.
3. Follow your phone instruction manual's Bluetooth setting section to activate the Bluetooth feature, making sure the ID code is set to default setting of 0000.
4. Upon successful pairing, the headset indicator will flicker in green.
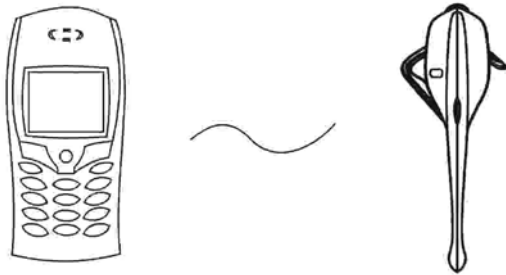

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<Illustration I>   ERICSSON T39mc & T68

Paring method

1. When paring a phone to the headset, first set the headset to Pairing Mode.
2. Turn off the headset, and depress the switch for approx. six seconds until the indicator alternately flickers in red and green to access the Pairing Mode.
3. Select the phone menu / extras / bluetooth / discover / searching, upon detected, the phone screen will prompt the location of pairing.
4. Select a desired device, and press ok.
5. What follows is to key in the ID code; use default setting of 0000.
6. Upon keying in, your phone will automatically pair with the headset. Upon successful pairing, the screen will prompt for a label, simply key in a user name, then press yes. By now, your phone and the headset have been successfully paired, as the headset's indicator will flicker in green.
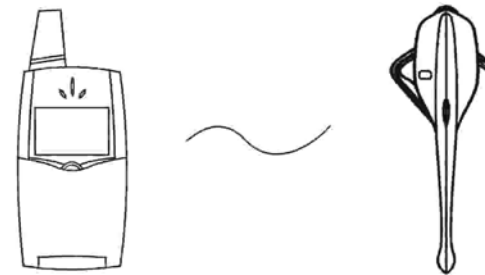
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Adjust the headset's ringer via your phone

1. Select the menu/ Extras /Accessories/ HBH / Settings / Ring Volume.
2. Adjust the volume by pressing the menu's up/down scroll keys.
3. Upon completing adjustments, press Yes.

Adjust the headset's volume via your phone

1. Select the Menu/ Extras /Accessories / HBH / Settings / Listening Volume.
2. Adjust the volume by pressing the menu's up/down scroll keys.
3. Upon completing adjustments, press Yes to complete.

Reset the headset's volume via your phone

1. Select the Menu/ Extras /Accessories / HBH / Settings / Orientation.
2. Choice the Left Ear / Right Ear by pressing the menu's up/ down scroll keys.
3. Upon completing adjustments, press Yes to complete.

Modifying the Passkey:

1. Select the Menu/ Extra /Accessories / HBH / Settings / Passkey, to prompt the old passkey; key in your old passkey, and choose default setting of 000.
2. The screen will prompt New Passkey; simply key in a desired new passkey.
3. Upon entering a new passkey, the screen will prompt Repeat Passkey; simply reenter the new passkey.
4. Upon entering, the screen will prompt Passkey Saved, indicating that the change has been completed.

Modifying the Device_Name:

1. Select the Menu/ Extra / Accessories / HBH / Settings / Name.
2. The screen will prompt the old name; simply enter a desired new name.
3. Upon updating, press Yes to complete.

Receiving an incoming call

1. When there is an income call, both the phone and the headset's ringer will sound off; simply press once the headset's switch to receive the call, and press the switch once more to conclude a cell phone conversation.

<Illustration II>   PHILIPS fision 820

Paring method

1. When paring the phone to the headset, first set the headset to Pairing Mode.
2. First turn off the headset, and depress the switch for approx. six seconds until the indicator enters a flickering mode with alternate red/green lights, readying for accessing the Paring Mode.
3. Select the phone Menu/ Settings / Accessories / Bluetooth Headset / Detect. Upon detected, the phone screen will prompt the location of pairing.

4. Select a desired device, and press OK.
5. What follows is to key in the ID code; simply key in the default setting of 0000.
6. Upon successfully concluding the pairing between the phone and headset, the headset indicator will flicker in green, indicating a successful pairing.

Receiving an incoming call

When there is an income call, both the phone and the headset's ringer will sound off; simply press once the headset's switch to receive the call, and press the switch once more to conclude a cell phone conversation.
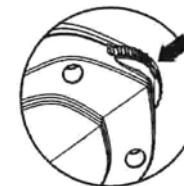
Connecting and pairing non-Bluetooth-enabled phone

If your phone does not come with built-in Bluetooth, you will need to separately purchase a phone-free converter to accessorize with the transceiver; refer to your phone manual for recommended make and model, and that not all models require a converter, depending on the jack provided jacks that accommodate the that of the transceiver will not require a converter.

For example: A Motorola T689 can be connected directly, whereas a Nokia 82 series will require linking through a converter first.

1. Turn off both the wireless headset and the transceiver, then depressing the transceiver switch for approx. six seconds, while the green indicator stays on. Hold until the indicator switched to a red/green flickering mode, indicating that the transceiver has entered a pairing mode.
2. Depress the wireless headset switch until its indicator enters a red/green flickering mode, indicating the wireless headset has entered a Pairing Mode.

Converter
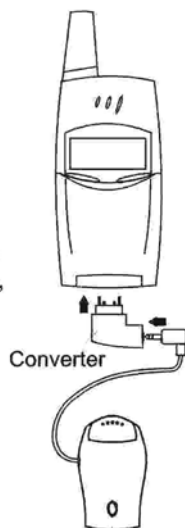
3. Upon concluding the foreign steps 1 and 2, the transceiver and the headset will automatically pair with each other.
   Upon successful pairing, both unit's indicators will turn green, indicating a successful pairing completed.

Receiving an incoming call

When there is an income call, phone's ringer will sound off. A handset that has auto call receiving enabled will automatically pick up an incoming call, or do it manually if the auto function is not enabled, to enable voice communication via the wireless headset.

Accessories

Earphone cap

--Can be substituted with decorated cap.

Decorate Cap

Receiver accessory clip

--A mounting device that clips the transceiver onto your belt.

Accessory Clip

Product maintenance

Caution: Do not attempt to remove or replace the battery, unless by authorized service centers.

1. Keep the wireless headset dry.
2. Avoid storing the wireless headset under extremely hot or cold temperatures.
3. Avoid placing the wireless headset near any heat source.
4. Handle with care to avoid damage the headset as a precision electronic device.
5. Do not attempt to dismantle the headset housing, which will render the warranty invalid.
6. Do not attempt to coat the product's housing with lacquer, as lacquer tends to hinder the product from its normal usage.
7. As a caution, store the wireless headset only in clean and dust-free spots; wipe the wireless headset with moistened soft cloth.

Information to User

Notice 1

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

Notice 2

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.

FCC RF Radiation Exposure Statement

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