

# **HeadOn® Users Manual** v1.0 091703

Thank you for your purchase of HeadOn Wire-Free wireless headset system. This product has been meticulously designed to provide the user with unsurpassed comfort and usability and years of trouble-free service.

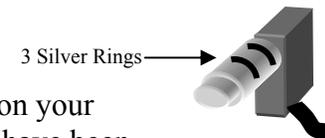
About the manufacturer... International Electronics, Inc has been a USA designer and manufacturer of high quality consumer and professional electronic products since 1985. The HeadOn has been a cumulative effort of thousands of hours of engineering and fine-tuning, assuring that the product is especially comfortable for all day use and still remain conveniently small and unobtrusive. IEI manufactures all of its products in the USA with the highest quality robotics and a best trained staff.

FCC compatibility Statement  
This product complies with FCC regulation part 15. This product may not cause interference with other devices and this product must accept interference generated by other products.

The best enjoy the benefits of HeadOn, please read this document carefully. This will assure the proper operation of the HeadOn as well as your satisfaction.

## **Cell Phone Compatibility:**

HeadOn is compatible with all cell phones, which have a “Round, 2.5mm Standard 3 Ring Headset Plug”. Simply look at the plug on your “wired” headset for your cellphone. It should be cylindrical in shape and have 3 metal rings and 2 black plastic rings. Most phones have been designed with this type of headset plug. Some Nokia models may have a similar plug, but they have an extra ring of silver and black. If you have a Nokia phone with this arrangement, please purchase an inexpensive converter available at your local phone accessory store.



## **List Of Known Compatible Phones:**

Please see [www.headonwireless.com](http://www.headonwireless.com) for an updated compatibility list.

All Phones Available At **RadioShack™**.

All **Sprint PCS™** Phones.

**Audiovox:**

**Kyocera**

**LG**

**Motorola**

**Nextel**

**Panasonic**

**Samsung** (Note: Some Samsung models may not work. Note the jack on the phone. If it has a metal fitting on the outside ring of the connector, this product will not work).

**Sanyo**

**Virgin**

## **Battery Requirement:**

HeadOn requires the use of inexpensive Zinc Air batteries available at most locations. We strongly recommend the use of high quality batteries.

### **Battery Life:**

HeadOn features ultra low power technology, which combined with sophisticated full duplex digital secure link can provide amazing talk time as well as unsurpassed stand-by times. Extreme temperatures or high humidity can affect the battery life. (Leaving HeadOn or its batteries in a very hot or cold car may cause battery degradation).

Talk time is based on the quality of the battery. HeadOn batteries produce the longest talk time of 80 hours. Other batteries may last as long as 40 hours of talk time. \*

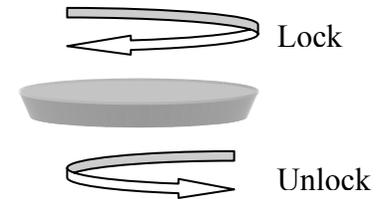
**\*Talk Time: Up to 80 Hours of intermittent use, or 60 hours of continuous use (Speaking 60 hours without stopping!).**

**Stand-By time: Up to 2000 hours (3 months) with normal daily use.**

### **Replacing the Batteries:**

Please take care not to over-twist the battery doors. See diagram:

Remove protective backing from battery. **WAIT 3 MINUTES BEFORE USING THE BATTERY.**



**! (Do not remove the backing more than a few days ahead of use. Once the backing is removed, the life of the battery will start a 90-day countdown).**

This battery technology contains no components harmful to the environment. They may be disposed of in the trash.

### **Low Battery Warning:**

HeadOn features a distinctive low battery beep for each of the components. The Head Set with low battery will generate a single “Beep Tone” every 15 seconds. The Base Unit will generate Two Beep Tones when its battery needs replacement. Please note that the tone for both devices is issued in your ear through the headset while you are communicating. There are no beeps issued otherwise.

If the system does not operate after long storage, replace the batteries with fresh ones.

### **On-Off Control:**

HeadOn is the only product of its kind featuring Fully Automatic Operation. There are no On and Off switches on this system. All functions are Automatic.

How the system turns On and Off: HeadOn is always “Asleep”. When the base unit (unit attached to the phone) detects sounds coming from the telephone, it will awaken and wake the headset up within 1 second. You may miss the first ½ second of the sound of a ring or button press if the system has been asleep.

If you remain on hold for an extensive period of time, and HeadOn does not detect any sounds from the telephone, it will go into mid-sleep to save power. During this time, you will not notice any “Hiss” in the background. The system automatically mutes the headset and await any sound to be sent from the cell phone.... Upon which the HeadOn will re-establish communications within 1/50 of a second. All of these functions are automatic and require no user input.

## **Interference**

This product has been designed to minimize interference by the use of digital – secure communication. In addition, the HeadOn system utilize Narrow-Band RF connections to further reduce interference. Unlike BlueTooth headsets, the HeadOn is not susceptible to interference from Microwave ovens or Wireless Networking devices found in laptops. Additionally, this product is immune to interference from standard 2.4GHZ cordless phones found in households.

- **If you experience sound degradation in areas such as airports, simply reposition the Dongle attachment on your cellphone and keep it closer to you.**
- **If the connection is temporarily interrupted, simply reposition your head just a bit. This is due to reflections, which can cause “Null”, or “Void” areas, even when you are near the other transceiver unit. This is normal in the world of Radio Frequency, especially such low power devices as HeadOn and BlueTooth systems.**

## **Connecting To The Cellphone**

The Dongle portion of HeadOn can be mounted to the phone in a variety of ways;

- Simply allow it to “Dangle “ freely.
- Use the enclosed 2-sided tape and mount the plate with the text “Tape” on it to your cellphone. Before mounting make sure that the position you have chosen allows for the cord to reach the connector and that the flip type phones will open without pulling the connector out of the jack.
- Use the plate, which has been designed for the belt-clip in the dongle so that it can be clipped onto your belt or pocket.

## **Removing Base Unit From Cellphone**

The plates mounted on the dongle can be removed by simply (AND GENTLY) pushing on the lever on the side of the plate and sliding the plate off in one direction from the dongle.

Mounting the dongle to the plate is also simple. Just line up the fingers with the arrows on the plate and slide it closed. Or, line one side and snap the other side into position.

**DO NOT FORCE.**

**Do not press the lever too far.**

## **Proper Headset Placement**

The headset should be inserted into the ear with the Microphone tube facing forward and angled down a bit. Rotate to best fit your ear.

## **Ear Gels**

The HeadOn headset includes a variety of ear gels to fit most ears comfortably and easily. Choose the one best suited for you and slide it all the way onto the sound tube.

The gels are hypo-Allergenic and will not generate an allergy response. Clean with soapy water.

## **Range**

The range of this system depends on the surroundings and telephone. HeadOn is not designed for long range use. It is designed to eliminate wires to your head, as well as remove the harmful radiation associated with cellphone use.

## **Auto Answer Function**

If your cellphone supports Auto Answer in headset mode, the HeadOn will then allow you to not have to push any buttons when the phone rings. Refer to your phone manual to see if your phone supports auto answer. If so, set the mode to ON and test by calling yourself. If the phone answers after a few rings, you have successfully set-up this mode. Now, when your phone rings, the system will answer for you.

## **Answering By Saying HELLO “Talk-To-Answer”**

This patent pending, exclusive feature of the HeadOn has been designed so that when the phone rings, you can simply connect by saying Hello. There are some requirements for this to happen;

- Your phone must be set so that the “Turbo Switch” or “Remote Answer Switch” is enabled. Phones, which do not support this function, will not work with Talk-To-Answer function.
- Your phone must make the headset Ring when there is an incoming call. Phones that do not generate a RING into the headset when plugged in will not be compatible.
- You must have the Auto Answer mode turned off. Not doing so may cause problems with functionality.

## **Voice Dialing With HeadOn**

If your phone supports Voice Dial feature, HeadOn will allow you to continue to use it. Some phones may require that you record the voice dial command using the headset.

Some phones, such as Sprint™, will allow the HeadOn to make the choice for you. To test, follow these steps;

- Wait 30 seconds before testing. During this time, do not touch any buttons on the phone. (The feature is available only once the HeadOn unit has gone to sleep after 30 seconds of no sound).
- Press END one time.
- Say Hello in a loud, clear tone. HeadOn will not accept background noise and your command.
- If the phone supports this feature, it will ask you to say the name you wish to dial.

## **Secure Connection**

The connection between the HeadOn Headset and Dongle are digital and secure. Once the connection is established, even another HeadOn system cannot listed in. Once the conversation is over and the system is asleep, the units will loose their “Lock” and will allow you to connect to another device with is not yet connected in a conversation. This patent pending feature allows you to connect with many devices without having to program anything.