

# HME

®

# WH200 Wireless Headset

## OPERATING INSTRUCTIONS

### SETUP

#### Power On/Off

##### Turn power on

Press and release the power button on the inside of the headset housing, shown in Figure 1. A voice message in the earpiece will say "Headset #" and the power light on the opposite side of the earpiece will go on. See Figure 2.

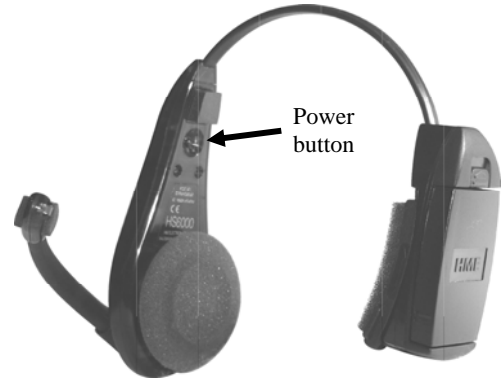


Figure 1. Headset power button

##### Turn power off

Press and hold the power button for approximately 3 seconds. A voice message in the earpiece will say "Headset off," and the power light on the opposite side of the earpiece will go off.

#### Configure Headset

Start with power OFF and press any of the following button combinations while turning the power ON. After pressing the power button, immediately release **both** buttons. Each of these settings has an associated voice prompt. Listen to the voice prompt to confirm the setting.

##### Hands Free (HF) on/off mode

Press and hold **ISO** and the UP arrow ▲ while you press the power button to turn the headset on in the HF mode. The headset will remain in the HF mode, even if it is turned off and on again, until you turn off the HF mode. To turn off the HF mode, with the power off, press and hold **ISO** and the DOWN arrow ▼ while you press the power button to turn the headset on.



Figure 2. Headset buttons and lights

##### ISO Lockout mode

To set the Headset with the ISO feature locked out, press and hold the **IC1** button while you press and release the power button to turn the headset on. You will hear "Power on, Headset #, Version #, ISO off" in your Headset earpiece. When set up for the ISO Lockout mode, the **ISO** button will operate the same as the **IC1** button, in either hands-free or PTT communication. To reset the ISO feature for normal **ISO** button communication, with the power off, press and hold the **ISO** and **IC1** buttons while you press and release the power button. You will hear "Power on, Headset #, Version #, ISO on" in your Headset earpiece.

##### Lights-off operation

To prevent the power and transmit lights from coming on during headset operation, press and hold the **IC2** button while you press the power button to turn the headset on. To return the lights to their normal functions, turn the power off and on again without pressing the **IC2** button.

## Register Headset

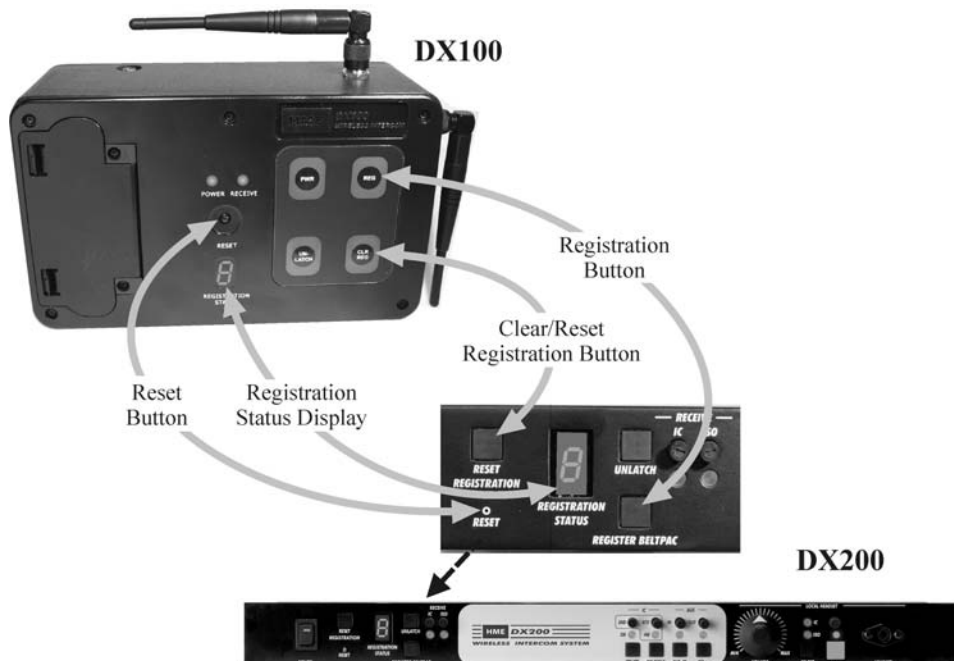
Each WH200 Headset must be registered for use with a specific DX100 or DX200 base station. The base station thereby recognizes all headsets registered to it when their power is on, and will be able to tell the difference between them and other electronic equipment operating on similar frequencies, or other DX family Beltpacs.

A maximum of 15 headsets can be registered. If one is replaced, you must register the new one before you use it. When a headset is replaced, the old one remains in memory. If the maximum number of 15 is exceeded, you must clear all current registrations and re-register all active headsets. To clear all current registrations, press the Clear/Reset Registration button and the “Reset” button at the same time. Refer to Figure 3. Continue holding the Clear/Reset Registration button after releasing the “Reset” button, until the clear code “c” (lower case) appears on the Registration Status display. Register all active WH200s the same way, one at a time.

**NOTE:** Headsets must be within 6 feet (1.83 meters) of the base station while being registered.

Register each WH200 Headset as follows:

- Be certain all headsets to be registered are turned off and the base station power is on. Previously registered headsets can be on or off.
- Press and release the registration button.
  - The Registration Status display will show a small “o” for open.
- Press and hold the **ISO** button while pressing and releasing the power button to turn the headset on, and release the **ISO** button. This will cause the headset to enter the registration mode.
  - The Registration Status display will continue to show a small “o” for open.
  - The power light on the headset will be blinking red then will change to green.



**Figure 3. Registration buttons and indicators in DX100 and DX200 base station**

When the registration is successfully completed:

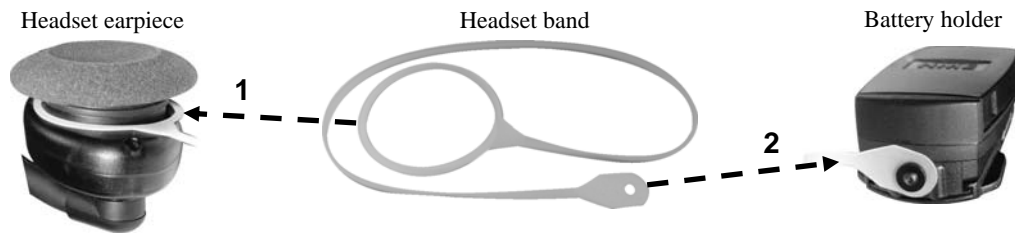
- The Registration Status display will show the ID number assigned to this headset. ID numbers are assigned sequentially as 0 thru 9, A, b, C, d and E.
- The power light on the headset will remain on steady green.

# OPERATION

## Wearing the Headset

### Attach the Headset Band to the Headset (Optional)

Locate the white, elastic headset band enclosed with the WH200. Stretch the large loop at one end of the band over the headset earpiece as shown at #1 in Figure 4. Stretch the small hole in the opposite end of the headset band over the “button” at the bottom of the battery holder on the other end of the headset as shown at #2 in Figure 4.



**Figure 4. Headset band attachment**

### Adjust the Headset to Your Head Size

You can adjust the head size of WH200 for best fit. Adjustments are made by sliding the adjuster behind the battery holder as shown in Figure 5. The adjuster slides on a track to fit almost any head size.



**Figure 5. Headset size adjustment**

### Put the Headset on



**Figure 6. Correct wearing of the headset**

- The headset can be worn with the microphone and controls on either side of your head.
- Put the headset on your head, with the headset band behind your neck as shown in Figure 6.
- Hold the microphone boom at its base and adjust it so the microphone is near the side of your mouth and you can see its tip out of the corner of your eye.

## Routine Operation

Use the **IC1** and **IC2** buttons to talk to the wired intercom.

Use the **ISO** button to talk to other WH200 users registered to your base station.

**NOTE:** If you are using a DX200 Wireless Intercom and the ISO+ on the base station is on, when you press the ISO button on your WH200 headset, you will transmit to any wired intercom connected to AUX OUT on the base station.

With your fingertip (not your fingernail), press and release the buttons on your headset and speak into the microphone according to the instructions below.

### Push-To-Talk (PTT) Mode

- Press and hold **IC1**, **IC2** or **ISO** button while speaking into the microphone. A light (green for **IC1** or **IC2**, red for **ISO**) on the tip of microphone boom will be lit when the headset is transmitting.
- Release button to listen.
- Adjust voice level with up ▲ and down ▼ arrows on headset if necessary.

### Hands-Free (HF) Mode

- Press and release **IC1**, **IC2** or **ISO** button to speak and listen. A light (green for **IC1** or **IC2**, red for **ISO**) on the tip of microphone boom will be lit when the headset is transmitting.
- Adjust voice level with up ▲ and down ▼ arrows on headset if necessary.
- Press and release button again to end communication. Transmit light on tip of microphone boom will go off.
- Press and release **IC1**, **IC2** or **ISO** button if you want to speak again. Transmit light on tip of microphone boom will go on again.

**NOTE:** Pressing and holding the **IC1**, **IC2** or **ISO** button for more than a half second will result in PTT operation.

### Microphone Gain Adjustment

Press and hold **ISO** while you press the UP ▲ or DOWN ▼ arrow to adjust the microphone gain. Maximum gain will be confirmed with “Maximum.” Minimum gain will be confirmed with a double beep.



**Figure 7. Headset operation controls and indicator light**

## Changing Batteries

When a battery is becoming weak, a voice in the earpiece will say “Change battery.” When this happens, remove the battery from the headset by carefully sliding the battery-release latch shown in Figure 8. Pull up on the end of the battery near the battery-release latch and lift the battery out.



Figure 8. Battery removal

## Recharging Batteries

Place a battery in one of the four charging ports as shown in Figure 9.

Battery charging time is approximately 2 hours.

When the battery is charging, the red **CHARGING** light next to it will be on.

When a battery is fully charged, the green **READY** light next to it will be on.

Fully charged batteries should not be left in charging ports.

Store fully charged batteries in the six storage ports on the battery charger.

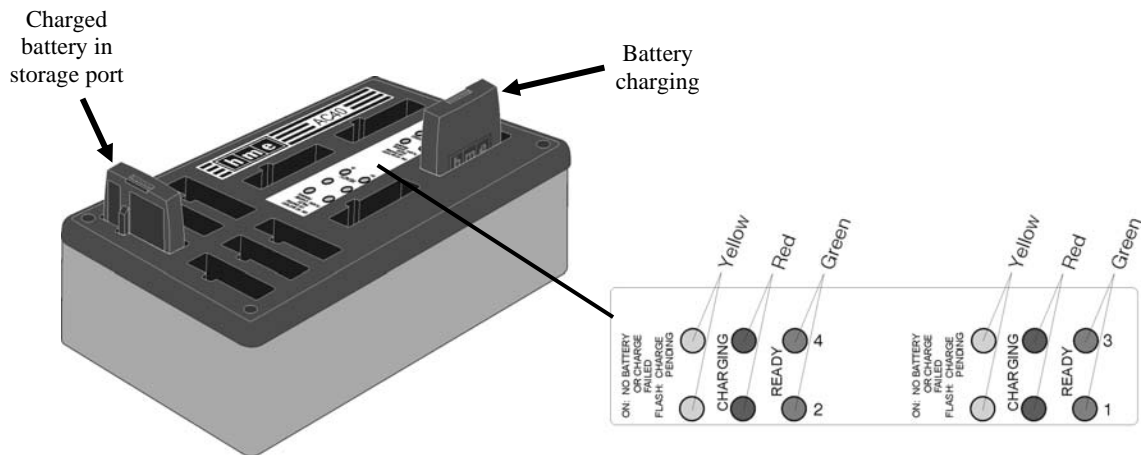


Figure 9. Battery charger

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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.

This equipment has been tested and found to comply with the limits for 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 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.

Any changes or modifications not expressly approved by HM Electronics, Inc. could void the user's authority to operate the equipment. To comply with FCC radiation exposure requirements, use of this device is limited to configurations tested and approved by HM Electronics. Other accessories used with this device must not contain any metallic components.

This headset is a radio transmitter and receiver. When it is on, it receives and sends out RF energy. In August 1996, the U.S. Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless devices. These guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies in the following reports:

- ANSI C95.1 (American National Standards Institute, 1999)
- NCRP Report 86 (National Council on Radiation Protection and Measurements, 1986)
- ICNIRP (International Commission on Non-Ionizing Radiation Protection, 1996)

This headset complies with the standards set by these reports and the FCC guidelines.

The term "IC:" before the certification/registration number only signifies that the Industry Canada technical specifications were met.



Hereby, HM Electronics, Inc. declares that the WH200 is in compliance with the essential requirements and other relevant provisions of R&TTE Directive 1999/5/EC.

This product operates in the 2400 to 2483.5 MHz frequency range. The use of this frequency range is not yet harmonized between all countries. Some countries may restrict the use of a portion of this band or impose other restrictions relating to power level or use. You should contact your Spectrum authority to determine possible restrictions.

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### **Waste Electrical and Electronic Equipment (WEEE)**

The European Union (EU) WEEE Directive (2002/96/EC) places an obligation on producers (manufacturers, distributors and/or retailers) to take-back electronic products at the end of their useful life. The WEEE Directive covers most HME products being sold into the EU as of August 13, 2005. Manufacturers, distributors and retailers are obliged to finance the costs of recovery from municipal collection points, reuse, and recycling of specified percentages per the WEEE requirements.

### **Instructions for Disposal of WEEE by Users in the European Union**

The symbol shown below is on the product or on its packaging which indicates that this product was put on the market after August 13, 2005 and must not be disposed of with other waste. Instead, it is the user's responsibility to dispose of the user's waste equipment by handing it over to a designated collection point for the recycling of WEEE. The separate collection and recycling of waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local authority, your household waste disposal service or the seller from whom you purchased the product.

