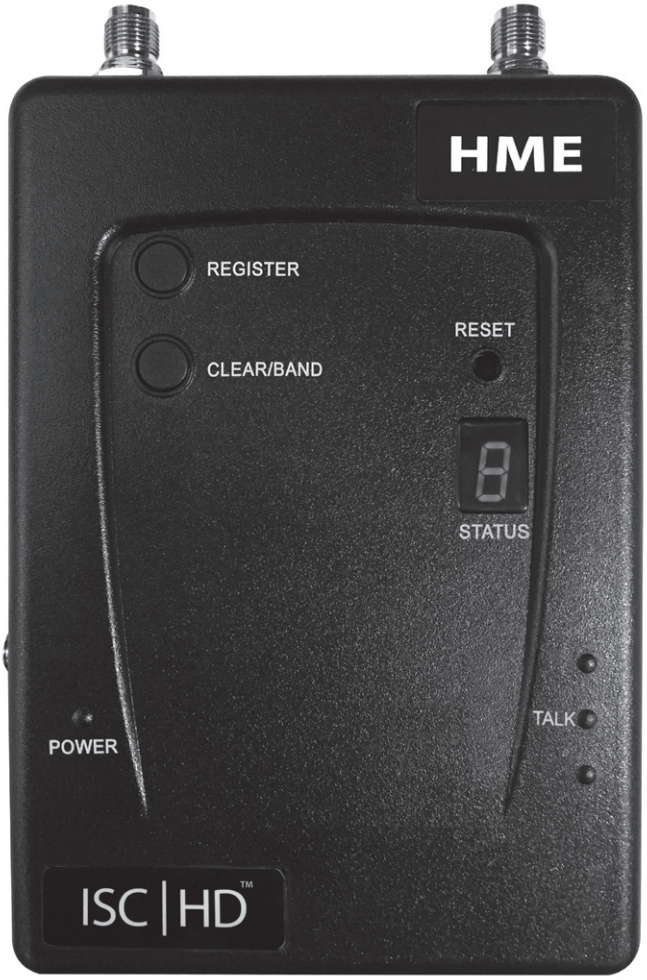
HOSPITALITY & SPECIALTY
COMMUNICATIONS

ISC HD Base



Operating Instructions

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HME# 400G760
Rev A 4/13/17

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FCC NOTICE

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) must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communication. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

Changes or modifications not expressly approved by HM Electronics, Inc. could void the users authority to operate this equipment.

MANDATORY SAFETY INSTRUCTIONS FOR INSTALLERS AND USERS

Use only manufacturer supplied or authorized antennas.

The Federal Communications Commission has adopted a safety standard for human exposure to RF (Radio Frequency) energy, which is below the OSHA (Occupational Safety and Health Act) limits.

Base Station Antenna gain: This device has been designed to operate with an antenna having a maximum gain of up to 2dBi. The required antenna impedance is 50 Ohms.

Antenna mounting: The antenna(s) used for the base transmitter must be installed to provide a separation distance of at least 7.9 inches (20 cm) from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Antenna substitution: Do not substitute any antenna for the one supplied or authorized by the manufacturer. You may be exposing person or persons to excess radio frequency radiation. You may contact your radio dealer or the manufacturer for further instructions.

WARNING: Maintain a separation distance from the base station transmit antenna to a person(s) of at least 7.9 inches (20 cm).

You, as the qualified end-user of this radio device must control the exposure conditions of bystanders to ensure the minimum separation distance (above) is maintained between the antenna and nearby persons for satisfying RF exposure compliance. The operation of this transmitter must satisfy the requirements of Occupational/Controlled Exposure Environment, for work-related use. Transmit only when person(s) are at least the minimum distance from the properly installed, externally mounted antenna.

IC Notice to Users English/French in accordance with RSS GEN Issue 3

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme avec Industrie Canada RSS standard exempts de license (s). Son utilization est soumise à Les deux conditions suivantes : (1) cet appareil ne peut pas provoquer d'interférences et (2) cet appareil doit accepter Toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement du dispositif.

This device complies with Health Canada's Safety Code 6 / IC RSS-210. The installer of this device should ensure that RF radiation is not emitted in excess of the Health Canada's requirement. Information can be obtained at: http://www.hc-sc.gc.ca/ewh-semt/pubs/radiation/radio_guide-lignes_direct-eng.php

Cet appareil est conforme avec Santé Canada Code de sécurité 6 / IC RSS-210. Le programme d'installation de cet appareil doit s'assurer que les rayonnements RF n'est pas émis au-delá de l'exigence de Santé Canada. Les informations peuvent être obtenues : http://www.hc-sc.gc.ca/ewh-semt/pubs/radiation/radio_guide-lignes_direct-eng.php

Hereby, HM Electronics, Inc., declares that ISC HD, regulatory model 1406, is in compliance with the essential requirements and other relevant provisions of Radio Equipment Directive 2014/53/EU.

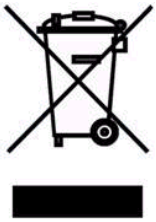
CE

WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE)

The European Union (EU) WEEE Directive 2012/19/EU 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.

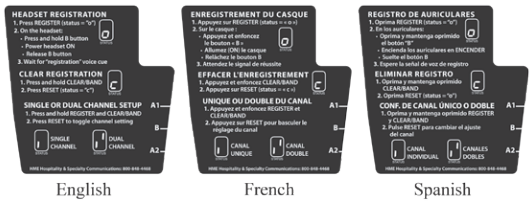
Instructions for Disposal of WEEE by Users in the European Union

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.



Equipment Included

The ISC HD system is used for internal communication between employees. A total of 15 beltpacs and/or all-in-one headsets can be registered to this system. Each communicator has the ability to operate in hands-free mode, and each can be set to single channel or dual channel mode.

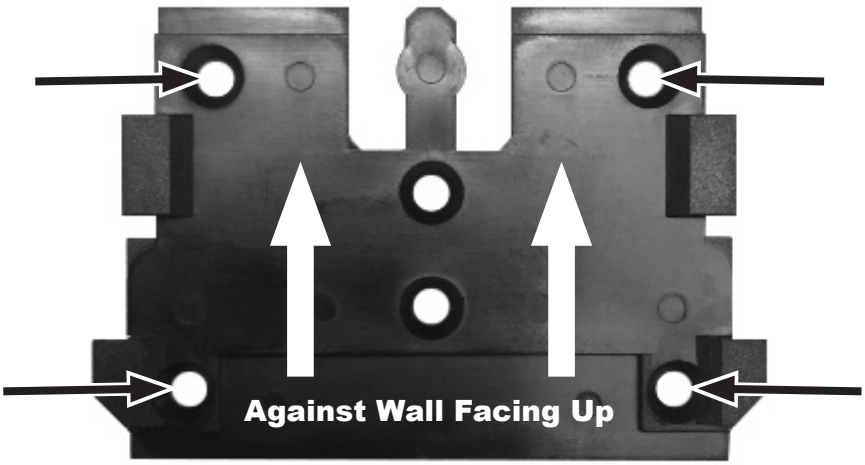
Base Station	
Antennas (2)	
Base Station Power Supply and Power Cord	
Extender Power Cable	
Battery Charger, Battery and Power Supply	
All-in-One Headset and/or Beltpac	
15 Mic Boom Clips **(5 Yellow, 5 Green, 5 Orange)** Installation instructions are included on the packaging.	
Instruction Labels	 English French Spanish

Wall Mount Instructions

The enclosed wall plate can be used to mount the ISC HD base station securely to a wall. Before selecting where to mount the base station, it is recommended that the user register headsets to the base and perform a range test to ensure the location is acceptable to meet desired performance.

Enclosed:

- Wall Plate (1)
- #4 x ¾" screws (4)
- #4 x ¾" drywall anchors (4)



Things to consider ISC HD base station installation location:

- For best range, mount the base station approximately 8 feet high on the wall.
- The base station should be located where, standing with your back to the wall, you can see most of the work area where headsets will be used.
- The number of walls between the base station and where the headsets will be used should be minimized.
- Sheets of stainless steel on the walls may shield or reflect radio signals.
- Large windows allow signals to pass freely, improving outside coverage.

WARNING: Maintain a separation distance from the base station transmit antenna to a person(s) of at least 7.9 inches (20 cm).

Mounting to Drywall

- Small Phillips-Head screwdriver
- Drill
- 3/16" (4.5mm) drill-bit for drywall anchor pilot holes

1. Using the plate as a template, hold the plate against the wall with the top pointing up and the flat side against the wall.
2. Using a pencil or pen, carefully mark the 4 corner locations where pilot holes will be drilled for the drywall anchors.
3. Using a 3/16" (4.5mm) drill bit, drill the 4 pilot holes for the drywall anchors.
4. Press the drywall anchors into the pilot holes. If needed for a secure fit, lightly tap the anchors with a hammer.
5. Screw the wall plate into the drywall anchors using the screws provided.
6. Place the base station over the wall plate and slide down to snap into place.
7. The base can be removed at any time by sliding the base upwards.

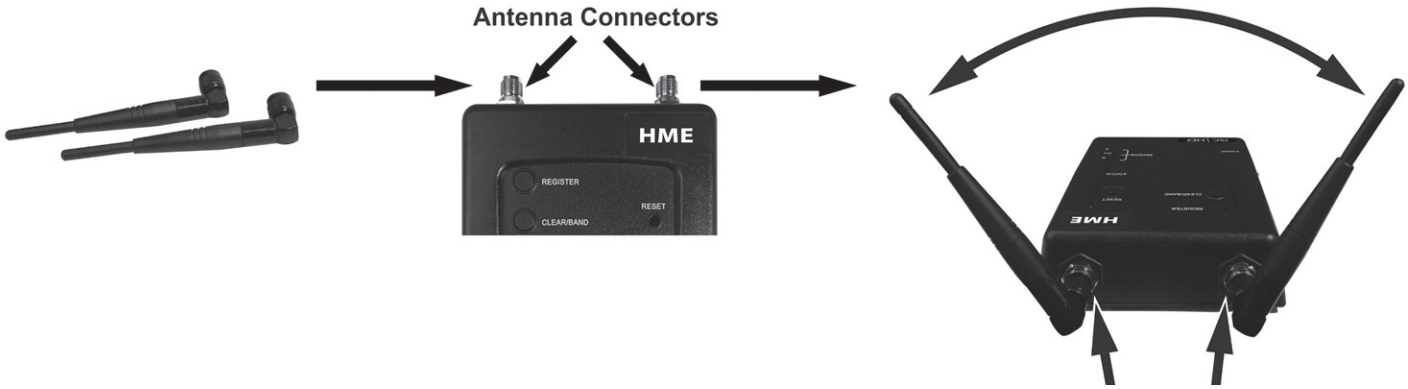
Mounting to Solid Wood

- Small Phillips-Head screwdriver
- Drill
- 1/16" (1.5mm) drill-bit for screw pilot holes

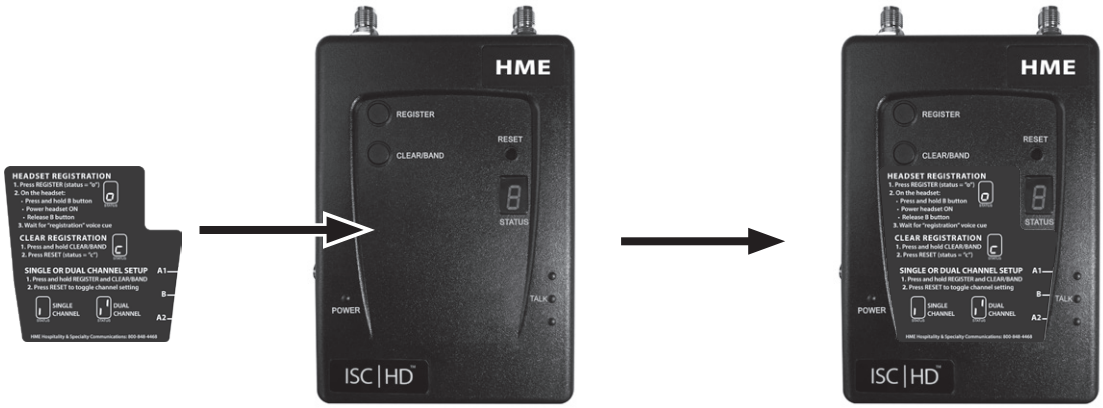
1. Using the plate as a template, hold the plate against the wall with the top pointing up and the flat side facing against the wall.
2. Using a pencil or pen, carefully mark the 4 corner locations where pilot holes will be drilled for the screws.
3. Using a 1/16" (1.5mm) drill bit, drill the 4 pilot holes.
4. Screw the wall plate into the wall using the screws provided.
5. Place the base station over the wall plate and slide down to snap into place.
6. The base can be removed at any time by sliding the base upwards.

Equipment Connections

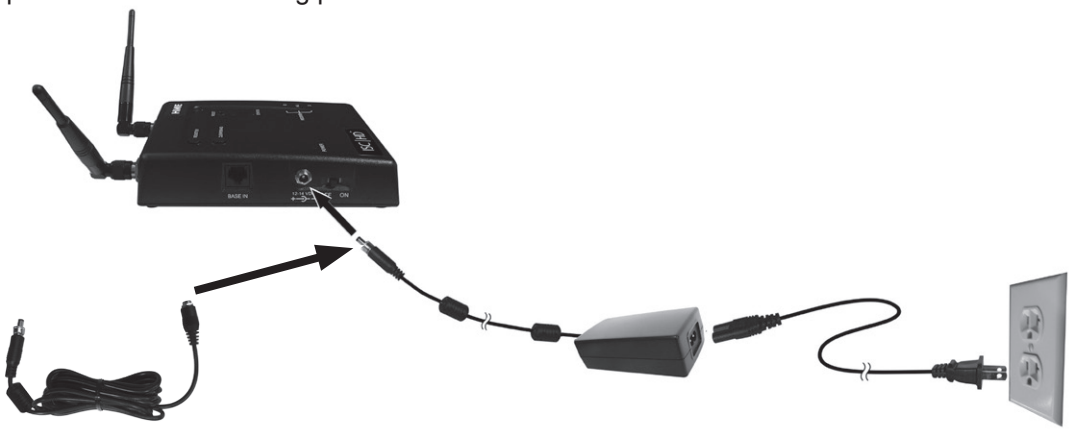
1. Gather parts for assembly as listed in the **Equipment Included** section (previous page).
2. Connect both antennas by screwing them tightly onto the antenna connectors of the base.



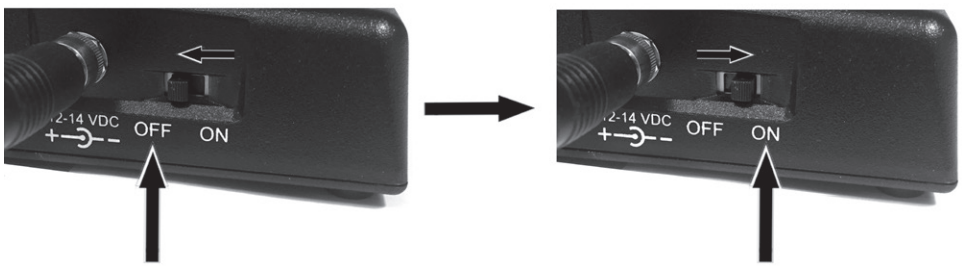
3. **OPTIONAL**: Wipe clean any dust or debris from the front of base station. Peel off the backing to the Instruction Sticker (English, French or Spanish), and affix to the Base Station.



4. If needed, first attach the provided Extender Power Cable to the base station power supply cable by screwing clockwise to tighten and secure the connection. Connect and tighten the power cable to the base station in the same manner, then plug the power cord into a working power outlet.



5. Turn the power switch from the “OFF” position to the “ON” position, which will activate a red light – this is located on the left hand side of the base, directly to the right of where the power cable plugs in.



AC50 Battery Charger Setup

The AC50 is the charger for All-in-One headsets and Beltpacs.

Before installing the system, connect the AC power supply to the battery charger and plug it into an electrical outlet. Charge all the batteries while the other equipment is being installed. Charging time is about 2.5 hours.

AC50
Battery Charger

BAT50 Battery

AC50
Power Supply

Connect AC Power Supply

To connect the AC power supply to the battery charger:

- Connect the DC power supply cable connector to the power connection on the battery charger.
- Connect the AC power cord to an electrical outlet.

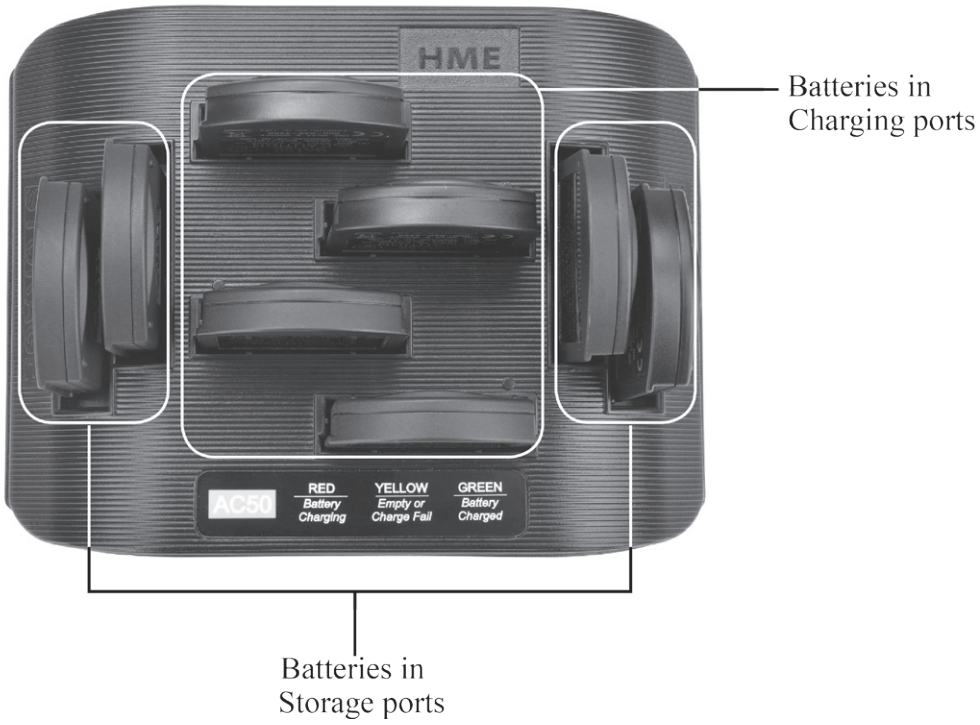
The red lights on the charger will briefly display, and then the yellow lights will appear and remain on.

Charging the Batteries

Up to four batteries can be charged in the battery charger at one time. The battery status lights next to each charging port indicate the battery status. Up to four fully charged batteries can be stored in the battery Storage ports. Insert a battery in each of four Charging ports until it clicks in place.

- A yellow light next to a Charging port indicates that the port is **EMPTY**.
- A red light next indicates that the battery port is **CHARGING**.
- A green light indicates that the battery is **READY**.
- A steady yellow light indicates that the **CHARGE FAILED**. If a charge fails, refer to the instructions on the side of battery charger.
- A flashing yellow light next indicates a **FAULTY BATTERY**. The inserted battery's temperature is too hot. It is recommended that the battery be removed and replaced. Refer to battery safety and recycling instructions on pages 9-12.
- Store fully charged batteries in storage ports.

IMPORTANT: Batteries should not be left in charge ports after being fully charged. A battery left in a charging port for more than three weeks may display a steady yellow indicator light, but it does not indicate a faulty battery.



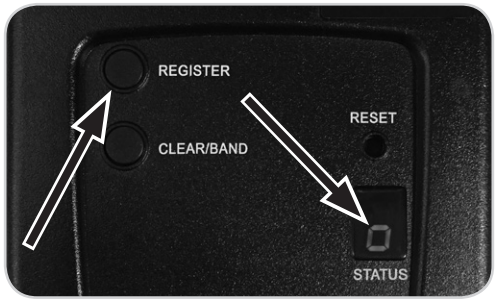
Register Beltpacs & Headsets to ISC HD System

Up to 15 beltpacs and/or all-in-one headsets (in any combination) can be registered to the ISC HD base. Users can communicate simultaneously on three beltpacs/headsets in dual channel mode or four beltpacs/headsets in single-channel mode.

All-in-one headsets and beltpacs register in the same manner.

1. Place a fully charged battery inside of the headset and/or beltpac, but leave it powered off.

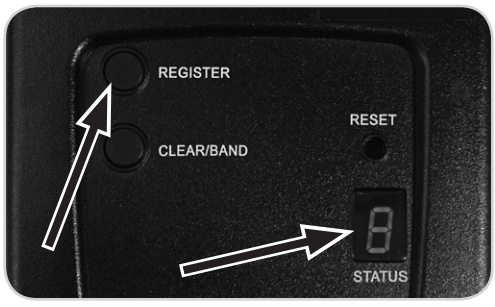
2. Press and release the **REGISTER button** on the base.
   - A lower case "**o**" will appear on the STATUS display to advise that the base is open and ready to register a headset.



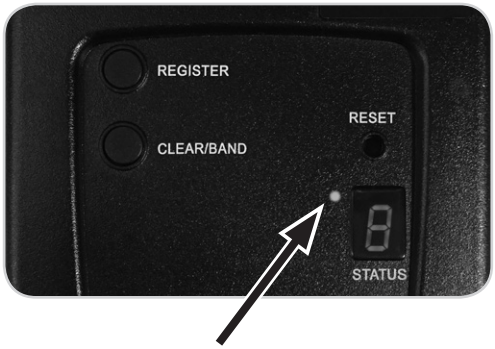
3. On the headset or beltpac, press and hold the **B button** and **Power button** simultaneously, then release the **Power button** to turn on the headset – once the headset powers on, release the **B button**.
   - The headset voice prompt will say "Registration" at power up to indicate it is now in registration mode – be aware that the registration process can take up to 90 seconds.
   - When the registration process is complete, the headset voice prompt will state the headset ID number and designated lane.
   - The ID number of the headset registered will appear briefly on the STATUS display, then disappear.
   - The ID number also indicates the number of headsets registered to the ISC HD, beginning with 0.
4. Repeat Steps 1 - 3 for each beltpac and/or headset that needs to be registered.

If Registration Fails...

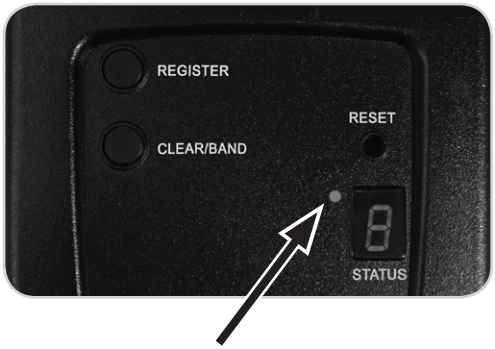
If the registration process is unsuccessful, you will hear "Registration Failed" in the headsets, and the STATUS display will be blank. If this should happen, do the following:



1. First, make attempts to register again using the Registration process detailed above.
2. If subsequent attempts fail, press the **RESET button** with the point of a pen.
   - The STATUS display will briefly show "**8**" and then disappear.
   - You will know the base has reset when the LED to the left of the STATUS display changes from a steady Amber light to a flashing Red light.



Amber light



Red light flashing

- Try again to register the headset/beltpac.
- If registration fails, call HME Technical Support at 1-800-848-4468 options 1, 2, and 3.

System Registration Full (F)

If you try to register more than 15 headsets and/or beltpacs, you will get an indication that the system is full, and the registration will need to be cleared.

- An "**F**" (meaning FULL) will appear on the STATUS display and "Registration Failed" will be heard over the headset.
- All headsets must be cleared from the registration bank to allow additional active headsets to be registered to the system.

- To clear the registration, press and hold down the **CLEAR/BAND button** while pressing and releasing the **RESET button** with the point of a pen – continue holding the **CLEAR/BAND button** after you release the **RESET button** until a lowercase "**c**" (indicating the registration has been cleared) appears on the STATUS display.
- Once the registration is cleared, register all headsets and/or beltpacs one at a time (including the previously registered headsets/beltpacs) by following the previous instructions on registration.
- If registration fails, call HME Technical Support at 1-800-848-4468 options 1,2, and 3.

Single or Dual Channel Operation

Single Channel Operation

All headset buttons (**A1**, **B**, and **A2**) will operate as the **A1 button**, for single channel communication.

Up to four headsets can be actively connected simultaneously in single channel mode.

A total of 15 headsets will be able to listen to the A1 channel at any given time.

Dual Channel Operation

Pressing the **A1 button** will activate communication with only the A1 channel, pressing the **A2 button** will activate communication with only the A2 channel, and pressing the **B button** will broadcast communication to all headsets on both the A1 and A2 channel.

Push the **A1** or the **A2 button** to set the system the channel on which you would like to operate.

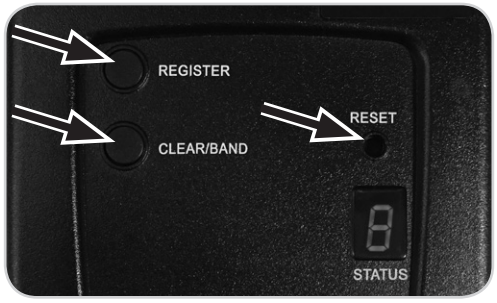
When the A1 channel is selected (or switched to from channel A2), a voice prompt will say “Lane 1”. When switching from channel A1 to channel A2, the voice prompt will say “Lane 2”. The prompt helps identify the channel on which the headset is operating.

Keep in mind, operators on the A1 channel will not be able to communicate with operators on the A2 channel in this mode, unless the **B button** is pressed to communicate to both channels simultaneously.

A total of three headsets can be actively connected on either the A1 or A2 channel, or any combination.

Switching Between Single and Dual Channel Operation

To switch between Single and Dual channel operation, press and hold the **REGISTER** and **CLEAR/BAND buttons** while immediately using the point of a pen to press and release the recessed **RESET button**.



- One vertical bar will appear on the STATUS display for the single channel mode.

- Two vertical bars will appear on the STATUS display for dual channel mode.

Interference Avoidance

The ISC HD base station can operate on High, Low or All parts of the frequency band to prevent interference caused by other devices. To cycle through the frequency band, do the following:

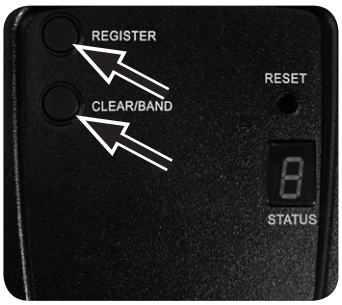
1. Turn the base station power on.
   The STATUS display will show "**8**" for a few seconds.
   After the "**8**" disappears, the STATUS window will turn blank.

2. Press and hold down the **CLEAR/BAND** button and **REGISTER** button for five seconds.

   The STATUS display will show the current band in which the base is set: **L**, **H**, **A** or **E**.

3. Press the CLEAR/BAND button repeatedly to cycle through the frequency band: **A** = All, **L** = Low end, **H** = High end and **E** = EU (*AFH - Europe Only).

   Stop at the desired setting and wait until "**c**" appears on the STATUS display.



NOTE: All headsets will need to be registered again in the new band.

All

When the base is configured to **All**, it uses the whole broadcast frequency range and offers the greatest opportunity for headsets to communicate with the base. However, this makes the base susceptible to interference from devices such as Wi-Fi routers.

Low End

Using "Low End" sets the base's operating frequency range within the lower end of the broadcast range.

High End

Using "High End" sets the base's operating frequency range within the higher end of the broadcast range.

*AFH (Adaptive Frequency Hopping)

When the base is set in AFH Mode, it operates in **All**. But rather than using **All** indiscriminately, the base will scan frequencies being used by other devices, such as Wi-Fi routers, and will exclude the used frequencies from its list. By doing this, the base station can actively avoid interference caused by other devices.

Hereby, HM Electronics, Inc., declares that ISC HD, regulatory model 1406, is in compliance with the essential requirements and other relevant provisions of Radio Equipment Directive 2014/53/EU. In AFH mode, ISC HD complies with European Telecommunications Standards Institute (ETSI) harmonized European standard EN 300 328. Dealers, Distributors or Installers operating in a CE regulated country that switch off or disable AFH will render the product non-compliant with the directive and will be considered the manufacturer of the product.

CE Base Station Adaptive Frequency Hopping

Background

The HME ISC HD wireless system utilizes a Frequency Hopping Spread Spectrum (FHSS) radio in order to provide robust communications. This system operates in the unlicensed 2.4 GHz band. With the proliferation of other devices over the past few years in the same 2.4 GHz band, instances where these devices and systems can interfere with each other has greatly increased. The European Union has updated the radio standards for equipment operating in this band in an attempt to reduce interference between equipment from different manufacturers. This European Telecommunications Standards Institute (ETSI) harmonized European standard is known as EN 300 328.

NOTES

- The letter "**c**" will only appear on the STATUS display if you are setting the frequency band the first time or if you are changing the setting.
- If you stop at **L**, **H** or **A** that was already set, an "8" will appear for a few seconds and the STATUS display will turn blank.
- If you change a base station's existing frequency band setting, you will have to re-register all headsets or beltpacs that were registered to that base station.

General Battery Safety Instructions for Battery Model BAT50

BAT50 is specifically designed only for use with product(s) offered by:

HM Electronics Inc. (HME)

Clear-Com LLC, an HME Company

SAFETY PRECAUTIONS

To ensure the safety and reliability of your Battery, follow the guidelines in this section.

Using the Battery

WARNING!
Do Not Abuse/Modify Battery Packs
Lithium-ion cells and battery packs may get hot, explode or ignite and cause serious injury if modified or abused.

Follow the safety instructions below:

- Do not place the battery in fire or heat the battery.
- Do not connect the battery backward, so the polarity is reversed.
- Do not connect the positive terminal and negative terminal of the battery to each other with any metal object (such as a wire).
- Do not carry or store the battery together with necklaces, hairpins or other metal objects.
- Do not pierce the battery with nails, strike the battery with a hammer, step on the battery or otherwise subject it to strong impacts to shocks.
- Do not solder directly onto the battery.
- Do not expose the battery to water or salt water, or allow the battery to get wet.
- Do not disassemble or modify the battery. The battery contains safety and protection devices which, if damaged, may cause the battery to generate heat, explode or ignite.
- The protection circuit module provided with battery packs is not to be used as a substitute for a shutoff switch.
- Do not place the battery in or near fire, on stoves or in other high temperature locations.
- Do not place the battery in direct sunlight, or use or store the battery in cars in hot weather. Doing so may cause the battery to generate heat, explode or ignite. Using the battery in this manner may also result in a loss of performance or shortened life expectancy.
- When the battery is worn out, insulate the terminals with adhesive tape or a similar non-conducting material before disposal.
- Immediately discontinue use of the battery if, while using, charging, or storing the battery, the battery emits an unusual smell, feels hot, changes color or shape or appears abnormal in any other way.
- Do not place the battery in microwave ovens, high-pressure containers or on induction cookware.

WARNING!
In the event the battery leaks and the fluid gets into one's eye, do not rub the eye. Rinse well with water and immediately seek medical care. If left untreated, the battery fluid could cause damage to the eye.

WARNING!
If the device causes abnormal current to flow, it may cause the battery to become hot, explode, or ignite causing serious injury.

Charger Types

Your battery must only be charged with a HME/Clear-Com recommended charger. Any attempt to use other types of chargers may cause an explosive reaction, fire or chemical burns. Do not assume that the physical form of another battery qualifies the charger for use with the HME/Clear-Com battery.

Charging the Battery

Be sure to follow the warnings listed below while charging the battery. Failure to do so may cause the battery to become hot, explode or ignite and cause serious injury.

- Do not continue charging the battery if it does not recharge as specified HME/Clear-Com User Guide, under charging instructions.
- Do not attach the battery to an external charger, power supply plug or directly to a car's cigarette lighter.

Recycling the Battery

If your business or household does not have a battery recycling program, go to the following URL or copy and paste the following URL into your browser, then enter your zip code for a list of recycling centers:
http://earth911.com

Directives de sécurité générales pour les modèles de batterie suivants : BAT50

Les batteries BAT50 sont spécialement conçues de manière à ne pouvoir être utilisées qu'avec les produits offerts par

HM Electronics Inc. (HME), Clear-Com LLC, une société HME

PRÉCAUTIONS

En vue d'assurer la sûreté et la fiabilité de votre batterie, respectez les directives indiquées dans cette section.

Utilisation de la batterie

ATTENTION !
Ne pas faire un usage abusif des blocs-piles ni les modifier
Les cellules de lithium-ion et les blocs-piles peuvent devenir chauds, exploser ou prendre feu et ainsi causer des blessures graves si on en fait un usage abusif ou qu'on les modifie.

Respectez les directives de sécurité ci-dessous :

- Ne pas placer la batterie dans le feu ni la faire chauffer.
- Ne pas brancher la batterie à l'envers de manière à ce que la polarité soit inversée.
- Ne pas connecter la borne positive et la borne négative de la batterie l'une à l'autre avec un objet de métal (comme du fil de fer).
- Ne pas transporter ni entreposer la batterie avec des colliers, des épingles à cheveux et d'autres objets de métal.
- Ne pas percer la batterie avec des clous, la frapper avec un marteau, marcher dessus et la soumettre de quelque autre manière que ce soit à des impacts puissants.
- Ne pas faire de soudure directement sur la batterie.
- Ne pas exposer la batterie à l'eau ou à l'eau salée ni à une grande humidité, et ne pas la laisser être mouillé.
- Ne pas démonter ni modifier la batterie. La batterie contient des dispositifs de sécurité et de protection qui, en cas de dommages, pourraient l'amener à chauffer, à exploser ou à prendre feu.
- Ne pas utiliser le module de circuit de protection offert avec les blocs-piles en remplacement d'un contacteur d'isolement.
- Ne pas mettre la batterie dans ou à proximité du feu, sur des cuisinières ou dans d'autres endroits à température élevée.
- Ne pas placer la batterie directement au soleil ni l'utiliser ou l'entreposer dans des voitures par temps chaud. Ceci pourrait l'amener à chauffer, à exploser ou à prendre feu. D'utiliser la batterie de cette manière peut également la rendre moins performante et diminuer son espérance de vie.
- Quand la batterie est usée, isoler les bornes à l'aide de ruban adhésif ou d'un matériau non conducteur semblable avant de la jeter.
- Cesser immédiatement l'utilisation de la batterie si, en cours d'utilisation ou de chargement ou lorsqu'elle est entreposée, elle émet une odeur inhabituelle, dégage de la chaleur, change de couleur ou de forme ou semble anormale de quelque autre manière que ce soit.
- Ne pas mettre la batterie dans des fours à micro-ondes, des contenants à haute pression ou des ustensiles de cuisine à induction.
- Garder les batteries hors de la portée des enfants.
- Toujours débrancher la batterie avant de l'entreposer ou de la transporter.
- Toujours entreposer la batterie dans un contenant étanche à l'épreuve des flammes loi de toute matière inflammable ou corrosive.

ATTENTION !
Si la batterie fuit et que le fluide entre en contact avec l'oeil de quelqu'un, ne pas frotter l'oeil. Bien rincer à l'eau et tout de suite demander des soins médicaux. Le fluide de la batterie risque de causer des dommages à l'oeil si celui-ci n'est pas traité.

ATTENTION !
Si le dispositif cause la circulation d'un courant anormal, il se peut que la batterie chauffe, explose ou prenne feu et cause ainsi des blessures graves.

Types de chargeur

Votre batterie ne devrait être rechargée qu'à l'aide d'un chargeur recommandé par HME/Clear-Com. Toute tentative d'utiliser d'autres types de chargeurs risque d'entraîner une réaction explosive, un feu ou des brûlures chimiques. Ne pas présumer que la forme physique d'une autre batterie fait que le chargeur y correspondant peut être utilisé avec la batterie HME/Clear-Com.

Chargement de la batterie

S'assurer de suivre les avertissements indiqués ci-dessous au moment de charger la batterie. La batterie pourrait sinon chauffer, exploser ou prendre feu et ainsi causer des blessures graves.

- Ne pas continuer à charger la batterie si elle ne se recharge pas de la manière indiquée dans le guide de l'utilisateur HME/Clear-Com, dans la section des directives de chargement.
- Ne pas brancher la batterie à un chargeur externe, à une prise d'alimentation ou directement dans l'allume-cigare d'une voiture.
- Toujours procéder à l'inspection visuelle de la batterie avant ou après son chargement.
- Toujours laisser la batterie refroidir à une température ambiante sécuritaire avant de la charger au terme de son cycle de décharge précédent.
- Ne pas recharger la batterie sur ou à proximité de matériaux inflammables; ceci fera en sorte qu'en cas de mauvais fonctionnement, elle puisse être contenue en causant le moins de dommages et de blessures possible.

Recyclage de la batterie

Quand la batterie atteint la fin de sa vie utile, il devrait revenir à une entreprise de recyclage qualifiée ou à une entreprise de gestion des matériaux dangereux de s'en débarrasser. Ne pas mélanger cette batterie au courant de déchets solides.

Si votre entreprise ou votre foyer ne participe à aucun programme de recyclage des batteries, cliquez sur l'adresse URL suivante ou collez-la dans votre navigateur, puis entrez votre code postal en vue d'obtenir une liste de centres de recyclage : http://earth911.com

Instrucciones generales de seguridad para baterías para cada modelo de batería: BAT50

Las baterías BAT50 están diseñadas específicamente para usarse solo con el(los) producto(s) que ofrezca:

HM Electronics Inc. (HME)

Clear-Com LLC, una compañía de HME

PRECAUCIONES DE SEGURIDAD

Para garantizar la seguridad y la fiabilidad de su batería, siga las directrices en esta sección.

Al usar la batería

¡ADVERTENCIA!
No dañe ni modifique los empaques de las baterías
Si las celdas de iones de litio y los empaques de las baterías se modifican o dañan, pueden recalentarse, explotar o incendiarse y causar heridas graves.

Siga las instrucciones de seguridad que se indican a continuación:

- No exponga la batería al fuego ni la caliente.
- No conecte la batería al revés, de modo que la polaridad estuviera invertida.
- No conecte la terminal positiva con la negativa usando objetos metálicos (como un alambre).
- No almacene ni lleve las baterías junto con collares, horquillas u otros objetos metálicos.
- No perfore con clavos, golpee con martillo ni pise la batería, ni la someta de manera alguna a golpes fuertes.
- No suelde directamente sobre la batería.
- No exponga la batería al agua, sea dulce o salada, ni a la humedad alta, ni permita que se humedezca o se moje la batería.
- No desarme ni modifique la batería. La batería contiene dispositivos de seguridad y de protección que, si se dañan, pueden causar que la batería genere calor, explote o se incendie.
- El módulo de circuito de protección incluido en los empaques de las baterías no debe usarse como sustituto de un interruptor de apagado.
- No exponga la batería al fuego ni cerca de este, en estufas ni en lugares de altas temperaturas.
- No exponga la batería bajo la luz solar directa ni use o almacene la batería en un carro en climas calientes. Hacer lo anterior, podría generar que la batería genere calor, explote o se incendie. Asimismo, usar la batería de esta manera podría resultar en una pérdida de rendimiento o disminución de la expectativa de vida útil del equipo.
- Cuando la batería se desgaste, aísle las terminales con cinta adhesiva u otro material similar que no sea conductor, antes de deshacerse de ella.
- Deje de utilizar inmediatamente la batería si, mientras la usa, carga o almacena, esta emite un olor inusual, se siente caliente, cambia de color o forma o parece anormal de cualquier otra manera.
- No coloque la batería en hornos microondas, contenedores de alta presión ni en materiales de cocina inducida.
- Mantenga las baterías fuera del alcance de los niños.
- Desconecte siempre la batería antes de almacenarla o transportarla.
- Almacénela siempre en contenedores estrictamente resistentes al fuego lejos de materiales inflamables o corrosivos.

¡ADVERTENCIA!
En caso de que la batería gotee y le entre el fluido en los ojos, no se los restriegue. Enjuague bien con agua y busque asistencia médica inmediatamente. Si no recibe tratamiento, el fluido de la batería podría causarle daño en sus ojos.

¡ADVERTENCIA!
Si el dispositivo causa que fluya corriente anormal, puede causar que la batería se caliente, explote o se incendie y cause heridas graves.

Tipos de cargador

Su batería debe cargarla únicamente con un cargador recomendado por HME/Clear-Com. Si intenta usar otro tipo de cargador, puede causar una reacción explosiva, incendio o quemaduras con sustancias químicas. No asuma que la forma física de otra batería permita que el cargador de esta puede usarse con la batería de HME/Clear-Com.

Cargar la batería

Asegúrese de seguir las advertencias que se describen más abajo mientras carga su batería. Si no lo hace, puede causar que la batería se caliente, explote o se incendie y cause heridas graves.

- No siga cargando la batería, si no se recarga como se especifica en la guía para el usuario de HME/Clear-Com, según las instrucciones de carga.
- No conecte la batería a un cargador externo, conector de energía ni directamente al encendedor de cigarrillos de un carro.
- Inspeccione siempre visualmente su batería antes y después de cargarla.
- Deje siempre que su batería se enfríe hasta que esté en su temperatura ambiental segura antes de cargar, después de su ciclo anterior de descarga.
- No cargue las baterías sobre ningún tipo de material inflamable. Esto asegurará que, si hay una falla de funcionamiento, se pueda contener con la menor cantidad posible de daños y heridas.

Reciclar la batería

Cuando la batería llegue al fin de su vida útil, un reciclador calificado o una persona encargada de manipular materiales peligrosos deberían encargarse de desecharla. No mezcle esta batería con el flujo de residuos sólidos.

Si su negocio u hogar no tiene un programa de reciclaje de baterías, vaya a la siguiente dirección URL o pegue la siguiente dirección en su navegador y, luego, introduzca su código postal para obtener una lista de los centros de reciclaje:
http://earth911.com

배터리 모델의 일반적인 배터리 안전 지침 (Korean): **BAT50**

BAT50 배터리는 다음 회사에서 제공하는 제품과 함께 사용하도록 특별히 설계되었습니다:

HM Electronics Inc. (HME), Clear-Com LLC, HME Company

안전 주의사항

배터리의 안전과 신뢰성을 보장하려면 이 섹션의 지침을 따르십시오.

배터리 사용

경고!
배터리 팩을 개조하거나 과도하게 사용하지 마십시오.
리튬 이온 셀 및 배터리 팩을 개조하거나 과도하게 사용하면 뜨거워지거나 폭발하거나 발화되어 심각한 부상을 입을 수 있습니다.

아래의 안전 지침을 따르십시오:

- 배터리를 불 속에 넣거나 가열하지 마십시오.
- 배터리를 거꾸로 연결하지 마십시오. 그러면 극성이 바뀌게 됩니다.
- 배터리의 양극 단자와 음극 단자를 금속 물체(전선 등)로 서로 연결하지 마십시오.
- 배터리를 목걸이, 머리핀 또는 기타 금속 물체와 함께 휴대하거나 보관하지 마십시오.
- 배터리를 손톱으로 흠집을 내거나, 망치로 두드리거나, 밟거나 강한 충격을 가하지 마십시오.
- 배터리에 직접 납땜하지 마십시오.
- 배터리를 물이나 바닷물 또는 높은 습도에 노출시키거나 젖지 않도록 하십시오.
- 배터리를 분해하거나 개조하지 마십시오. 배터리에는 안전 장치와 보호 장치가 포함되어 있고, 손상될 경우 배터리가 뜨거워지거나 폭발하거나 발화할 수 있습니다.
- 배터리 팩과 함께 제공되는 보호 회로 모듈은 차단 스위치의 대체품으로 사용되어서는 안됩니다.
- 배터리를 화기 근처나 난로 위 또는 기타 고온이 발생하는 장소에 두지 마십시오.
- 배터리를 직사광선이 비치는 곳에 두거나 더운 날씨에 자동차 안에서 사용하거나 보관하지 마십시오. 그러면 배터리가 뜨거워지거나 폭발하거나 발화할 수 있습니다. 그러한 방식으로 배터리를 사용하면 성능이 저하되거나 예상 수명이 단축될 수 있습니다.
- 배터리를 다 쓴 후에 폐기하기 전에 단자를 접착 테이프 또는 이와 유사한 비전도성 재료로 절연 처리하십시오.
- 배터리를 사용, 충전하거나 보관하고 있는 동안, 배터리에서 이상한 냄새가 나거나 뜨거워지거나 색이나 모양이 변하거나 기타 비정상적인 상태를 보이면 즉시 사용을 중단하십시오.
- 전자레인지, 고압 용기 또는 인덕션 조리기구에 배터리를 넣지 마십시오.
- 배터리를 어린이의 손이 닿지 않는 곳에 두십시오.
- 배터리를 보관하거나 운반하기 전에 항상 분리하십시오.
- 항상 가연성 또는 부식성 물질이 없는 밀폐된 방염 용기 안에 배터리를 보관하십시오.

경고!
배터리가 새어나와 액체가 눈에 들어가면 눈을 문지르지 마십시오. 물로 잘 씻은 다음 즉시 병원으로 가십시오. 치료하지 않고 그대로 두면 배터리 액체로 인해 눈이 손상될 수 있습니다.

경고!
기기에 비정상적인 전류가 흐를 경우, 배터리가 뜨거워지거나 폭발하거나 발화되어 심각한 부상을 입을 수 있습니다.

충전기 유형

이 배터리는 HME/Clear-Com 권장 충전기로만 충전해야 합니다. 다른 유형의 충전기를 사용할 경우 폭발 위험이 있으며 화재나 화상을 입을 수 있습니다. HME/Clear-Com 배터리용 충전기를 다른 형태의 배터리에도 사용할 수 있다고 가정하지 마십시오.

배터리 충전

배터리를 충전하는 동안 아래 명시된 경고를 따르십시오. 그렇지 않으면 배터리가 뜨거워지거나 폭발하거나 발화되어 심각한 부상을 입을 수 있습니다.

- HME/Clear-Com 사용 설명서의 충전 지침에 나오는 대로 충전되지 않으면 배터리를 계속 충전하지 마십시오.
- 배터리를 외부 충전기, 전원 플러그 또는 자동차의 시가 라이터에 직접 연결하지 마십시오.
- 충전하기 전과 충전한 후에 항상 배터리를 육안으로 점검하십시오.
- 방전 사이클을 거친 후 배터리를 충전하기 전에 항상 안전한 주변 온도에 맞게 식히십시오.
- 가연성 물질이 있는 곳이나 근처에서 배터리를 충전하지 마십시오. 그러면 오작동이 발생할 경우 손상이나 부상 가능성을 최소화할 수 있습니다.

배터리 재활용

배터리의 수명이 다하면 유자격 재활용 업체나 위험 물질 취급업체를 통해 다 쓴 배터리를 폐기 처리해야 합니다. 이 배터리가 일반 쓰레기와 함께 섞이지 않도록 하십시오.

회사나 주거지에 배터리 재활용 프로그램이 없는 경우, 다음 URL로 이동하거나 브라우저에 URL을 복사하여 붙여넣고, 재활용 센터 목록의 우편번호를 입력하십시오: http://earth911.com