

Register Beltpack (BP) or All-In-One Headset (HS)

- Be sure **BP/HS** is turned off.
- Press **REG** button on base station.
 - **STATUS** display on base station shows “o” for registration mode.
- On **BP/HS**, press and hold **ISO** while you press **PWR** /  and then release all buttons.
 - Power lights blink red, then green and go off, and one power light comes on green.
 - Registration number appears on base station **STATUS** display.

AUTO NULL Adjustment (only if using 2-wire interface)

- If echo is heard in wireless Beltpacks or All-In-One Headsets on **CH1** or **CH2**:
- Use pointed object (e.g. pen) to press & hold **CH1** or **CH2 AUTO NULL** button for 2 seconds.

CAUTION: Before pressing the **AUTO NULL** button, be sure there are no open microphones on the wired system. Notify wired system users that a loud noise may occur in their headsets during the auto null adjustment.

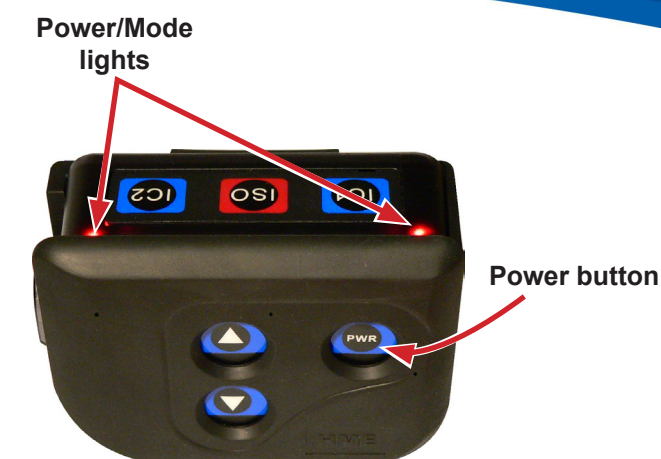
The system may be out of operation for approximately 25 seconds during this adjustment.

Local Headset Communication

- **SEL button** selects communication with **IC1** or **IC2**, or **IC1 & IC2** or **ISO**.
 - IC1 or IC2, or IC1 & IC2 or ISO lights indicate selection.
- **TALK button**
 - Press & release quickly to “latch on” for open communication.
 - Press & hold while talking for momentary communication – release when finished.
- **VOLUME** control adjusts audio level in local headset earpiece.
- **MIC LEVEL** control adjusts audio level going out from local headset microphone.



All-In-One Headset



Beltpack

Button Functions

 or PWR	Power On/Off	IC1	To Intercom Channel 1, including 2-wire/4-wire connections
 or 	Increase Volume	IC2	To Intercom Channel 2, including 2-wire/4-wire connections
 or 	Decrease Volume	ISO	To All Wireless Headsets & Beltpacks, Base, ISO Relay and AUX OUT (if activated)

Settings & Adjustments

All-In-One Headset Lights Off:

Be sure Headset power is off.

Press & hold **IC2** while you press & release the **Power** button.

Beltpack Sidetone Adjustment:

Press & hold **IC1** while you repeatedly press  to increase or  to decrease.

For Technical Support

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DX SERIES LED AID



Powering on any DX base station will produce on the LED display the number “8” for approximately 3 seconds.



Blank display indicates the base is ready for operation. **You can register beltpacks under this condition.**



Single horizontal bar indicates the base is in secondary mode and registering to a base has been initiated and successfully linked with a primary base. **You can register beltpacks in this mode.**



Two horizontal bars indicate that the base is in secondary mode and ready to be synced with a primary base. **You cannot register beltpacks in this mode you must sync to a primary base first.**



Three horizontal bars indicate the base is in secondary mode and has been linked with a primary base but the primary base is no longer available to the secondary. It takes a few seconds for the secondary to recognize that the primary is not available and revert to a primary state. **However, you can register beltpacks under this condition.**

Syncing Secondary to Primary Bases Feature

To sync the bases, perform the following steps:

- Press the **REG** or **REGISTER BELT-PAC*** button on the primary base and then press the **REG** or **REGISTER BELT-PAC*** button on the secondary base to begin the sync process.
- As you repeatedly press the **REG** or **REGISTER BELT-PAC*** button on the secondary you will see the numbers 1, 2, and 3 cycle through on the display. The numbers indicate the three available quadrants. **Note: The primary is in the 0 quadrant by default.**
- To select a quadrant, simply release the button at a desired number and wait. If successful, you will briefly see a blank display followed by a single horizontal bar in the secondary LED display. For additional secondary bases, assign each base to its own quadrant. Refer to the appropriate equipment manual for primary to secondary conversion.

After the bases are synced when the secondary is powered up the number “8” will appear followed by one of the numbers below on the secondary base LED display:



The number “1” indicates the quadrant the secondary has been placed in.



The number “2” indicates the quadrant the secondary has been placed in.



The number “3” indicates the quadrant the secondary has been placed in.

NOTE
* Button has the same function but with a different description on the equipment due to vintage.



The lower case “c” will appear when the registry on the base station is cleared. To clear the registry power down the base. Hold down the **CLR/BND** or **RESET REGISTRATION*** button first and then power the base on when you see the “8” on the LED display release the **CLR/BND** or **RESET REGISTRATION***. If done successfully you will see a small "c" on the LED display.

NOTE: The display indicates that the registry of a base station has been cleared of all beltpacks and secondary base stations that were registered to the base station.

Another method to clear the registry would be to start by holding down the **CLR/BND** or **RESET REGISTRATION*** button first and then pressing the **RESET** button until you hear a small click and then release the **CLR/BND** or **RESET REGISTRATION*** button. If done successfully you will see a small "c" on the LED display. We recommend you use a very small paper clip.



The lower case “o” will appear when the **REG** or **REGISTER BELT-PAC*** button is pressed and indicates that the base is ready to register a beltpack.

When registering beltpacs on DX bases that can carry 15 beltpacs please note that the numeric count displayed on the LED will be in hexadecimal. This means that the LED will represent the first 10 beltpacs as 0 to 9. Beltpack 11 will be represented by the letter “A”, beltpack 12 will be represented by the letter “B” and on up to beltpack 15 as “E”. Please see below.

Beltpack or Headset	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Registry	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E



The letter “F” will appear when the base registry is at its maximum of 15 registered beltpacks. You will need to clear the registry to add a beltpack. To clear the registry power down the base. Hold down the **CLR/BND** or **RESET REGISTRATION*** button first and then power the base on when you see the “8” on the LED display release the **CLR/BND** or **RESET REGISTRATION***. If done successfully you will see a small "c" on the LED display.

Spectrum Friendly Feature

Spectrum Friendly option: Hold down the **CLR/BND** (or **RESET REGISTRATION***) button first then press and hold down the **REG** (or **REGISTER BELT-PAC***) button till you see the letter “A” or “L” or “H”. Then release both buttons and quickly press the **CLR/BND** (or **RESET REGISTRATION***) to cycle through the “A” or “L” or “H”. options. Stop at your selection and wait for the LED display to go blank and a lower case “c” will appear on the status LED. After this procedure is performed all bases, beltpacks and communicators will need to be re-registered to the base.



2400 to 2483.5 MHz is the operating frequency range.



2401.92 to 2439.94 MHz is the operating frequency range.



2443.39 to 2481.41 MHz is the operating frequency range.

NOTE
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