# Hot-Key (P/N 318-7504)

## Download and Upload Procedures - For XM Units Only

XM units can upload or download the parameter list from its own non-volatile internal memory to the Hot Key and vice-versa through a 5-pin connector. The Hot Key will not change the **Adr**.

### Download Procedure (From the Hot Key to the Controller)

- 1. Turn OFF the controller by pressing the **ON/OFF** button for 5 seconds. **OFF** will display. Insert the Hot Key into the 5-pin connector labeled **HOT-KEY**, and then turn the controller back ON by pressing the on/off button again for 5 seconds. The normal temperature value will display to indicate the controller is ON.
- 2. The parameter list of the Hot Key is downloaded into the controller memory automatically and **doL** will display. After 10 seconds, the controller will start working with the new parameters
- 3. End will display at the end of the data transfer phase if the controller is programmed correctly. Err will display if there is an error or failure in programming.
- End = correct programming. This means the controller will start regularly with the new programming.
- Err = failed programming. In this case, turn the controller OFF and then ON if you want to restart the download again or remove the Hot Key to abort the operation.
- 4. Remove the Hot Key.

Note: The procedure may fail if the firmware version and the controller are different.

#### Upload Procedure (From the Controller to the Hot Key)

- 1. When the XM controller is ON, insert the Hot Key into the 5-pin connector labeled HOT-KEY.
- 2. Press and release the up arrow button.
- 3. The upload will begin, and **UPL** will blink on the display. **End** will display at the end of the data transfer phase if a successful upload has occurred. **Err** will display if there is an error or failure in programming
- End = correct programming.
- Err = failed programming. In this case, press the SET key if you want to restart the programming again or remove the unprogrammed Hot Key.
- 4. Remove the Hot Key.

#### Note: The upload procedure will overwrite everything previously uploaded from the last Hot Key upload.

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