701K-52763 Copy Module Summit Series (SK)

Instruction Manual

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CONTROL CHIEF

WIRELESS SOLUTIONS

Control Chief Corporation, a world leader in wireless radio and infrared remote control products, has developed and expanded upon this powerful technology. More than three decades of experience in designing, manufacturing, and installing state-of-the-art remote communication systems emphasize Control Chief's mission.

Our systems are tailored to virtually any environment or application. Control Chief provides training, technical support, and comprehensive system design to maximize performance. It is our honor to uphold this reputation of innovative engineering and superior product performance.

Summit Series (SK)

1.1   Summit Series (SK) COPY MODULE Instructions

1.1.1 Application

The Copy Module can be used to copy and store the function settings from an existing transmitter or Receiver. The stored program can then be transferred to a new Transmitter or Receiver of the same model.

The Copy Module can store up to three (3) separate programs. The Copy Module can also be used to change the function settings of an existing Transmitter or Receiver (i.e. Button Functionality, Time Outs, etc…). When this is done, it is necessary to transfer the new settings in the Copy Module into **both the Transmitter and Receiver**. The Copy Module will typically be labeled when it comes preprogrammed from Control Chief, but it is safe to assume that Button 1 of the Copy Module contains the new function settings if there is no label.

SK1400/2400 SERIES
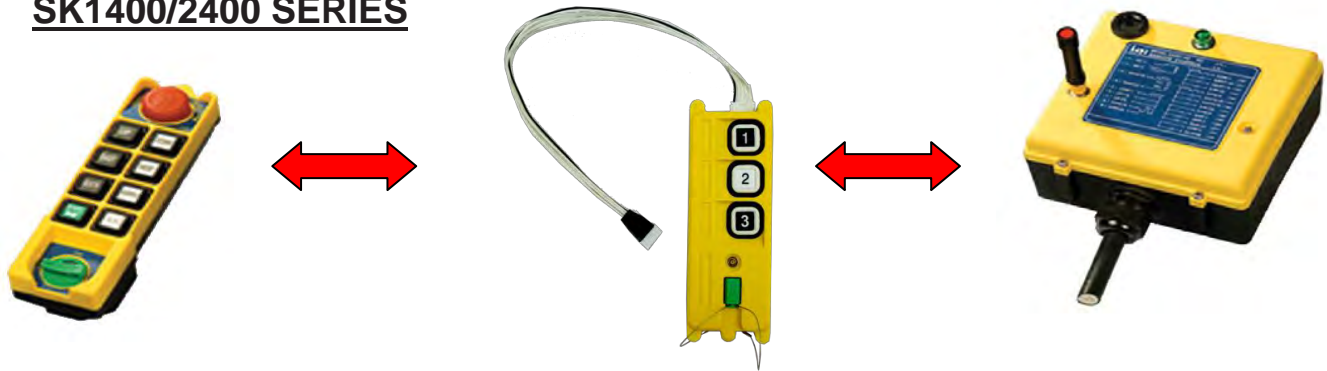
Summit (SK) TRANSMITTERS   COPY MODULE   Summit (SK) RECEIVERS

SK1500/2500 SERIES

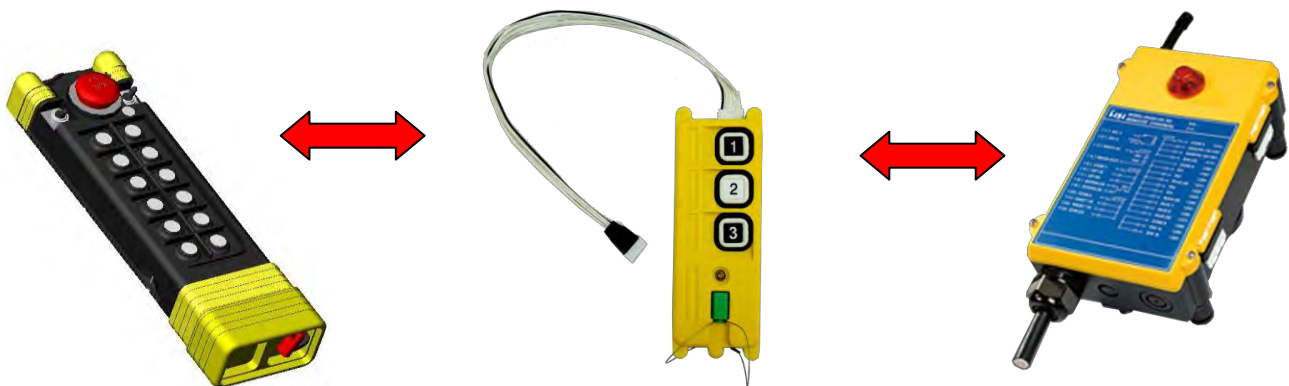## 1.2   COPY MODULE Operation

1.2.1   Procedure for Transferring file from the Copy Module to the TX

<u>COPY MODULE</u>   <u>Summit (SK) TRANSMITTERS</u>

1. Remove the Magnetic Key from the Copy Module (OFF) and remove the batteries from the transmitter
2. Connect the interface cable from the Copy Module to the TX'S programming port that is located in the battery compartment of the SK1400/2400 or under the back cover of the SK1500/2500.
3. Press and hold the Copy Module's button that was used to memorize the required functions until the Copy Module's green LED stops flashing. (It is abnormal if the Copy Module's LED illuminates red.)
4. Unplug the interface cable.

Remarks:
After the memorizing operation is completed, the same button used to store the configuration data must be used to download the required functions to the same model of radio remote control.

In cases where there are more than one configuration file saved in the copy module, you are advised to make a record of what was stored with which button number for future reference.

1.2.2   Procedure for Transferring file from the Copy Module to the RX
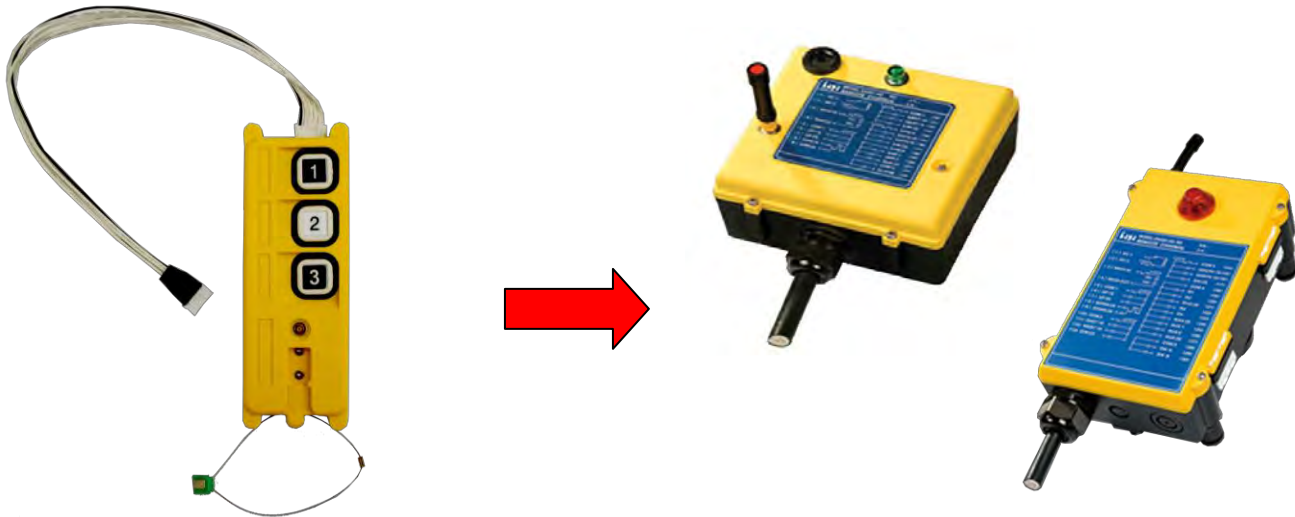
COPY MODULE   Summit (SK) RECEIVERS

1. **Turn off the RX power supply;** otherwise it will damage the RX's memory IC (EEPROM).
2. Take the magnetic key out of the Copy Module (OFF).
3. Connect the interface cable from the Copy Module to the RX'S programming port that is located inside the receiver.
4. Press and hold the Copy Module's button that was used to memorize the required functions until the Copy Module's green LED stops flashing. (It is abnormal if the Copy Module's LED illuminates red.)
5. Unplug the interface cable.

Remarks:
After the memorizing operation is completed, the same button used to store the configuration data must be used to download the required functions to the same model of radio remote control.

In cases where there are more than one configuration file saved in the copy module, you are advised to make a record of what was stored with which button number for future reference.

1.2.3 Procedure for Transferring file from the TX to the Copy Module

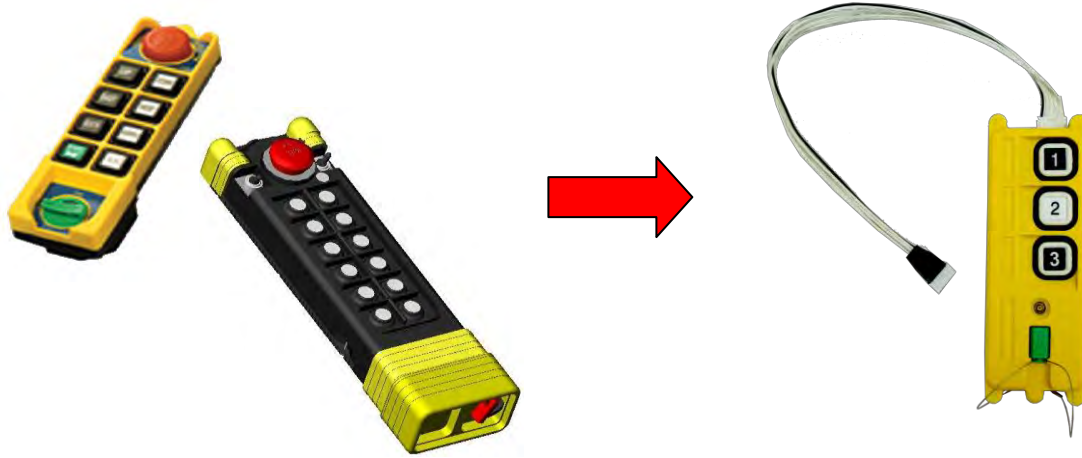Summit (SK) TRANSMITTERS   COPY MODULE

1. Place the Magnetic Key into the Copy Module (ON) and remove the batteries from the transmitter
2. Connect the interface cable from the Copy Module to the TX.
3. Press and hold one of the Copy Module's buttons you wish to use until the Copy Module's green LED stops flashing. (It is abnormal if the Copy Module's LED illuminates red.)
4. Unplug the interface cable.

Remarks:
After the memorizing operation is completed, the same button used to store the configuration data must be used to download the required functions to the same model of radio remote control.

In cases where there are more than one configuration file saved in the copy module, you are advised to make a record of what was stored with which button number for future reference.

1.2.4 Procedure for Transferring file from the RX to the Copy Module

Summit (SK) RECEIVERS   COPY MODULE

1. **Turn off the RX power supply;** otherwise it will damage the RX's memory IC (EEPROM).
2. Place the Magnetic Key into the Copy Module (ON).
3. Connect the interface cable from the Copy Module to the RX.
4. Press and hold one of the Copy Module's buttons you wish to use until the Copy Module's green LED stops flashing. (It is abnormal if the Copy Module's LED illuminates red.)
5. Unplug the interface cable.
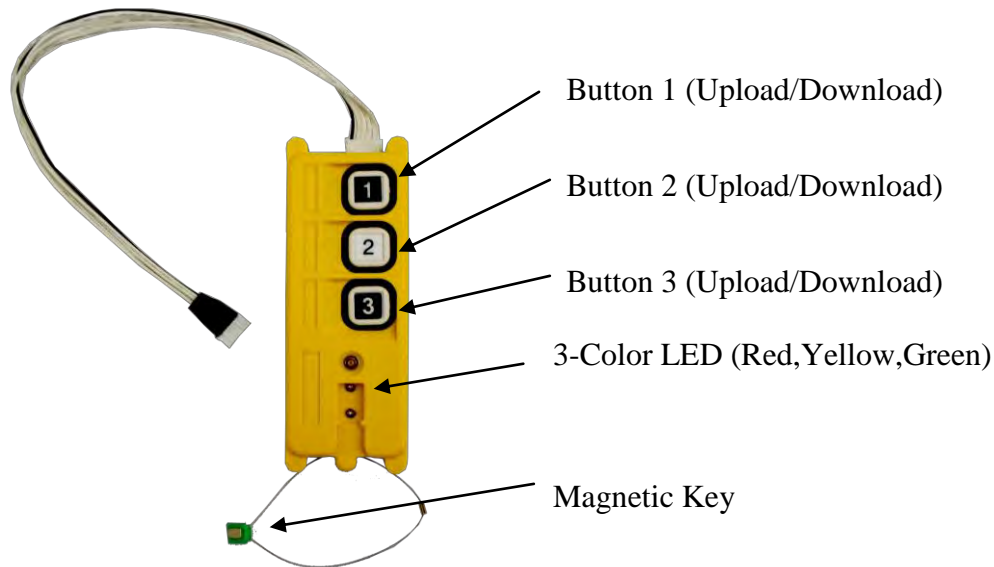
Remarks:
After the memorizing operation is completed, the same button used to store the configuration data must be used to download the required functions to the same model of radio remote control.

In cases where there are more than one configuration file saved in the copy module, you are advised to make a record of what was stored with which button number for future reference.

1.3 Summit Series (SK) COPY MODULE Information

1.3.1 Controls

Button 1 (Upload/Download)

Button 2 (Upload/Download)

Button 3 (Upload/Download)

3-Color LED (Red,Yellow,Green)

Magnetic Key

701K-052763 COPY MODULE

1.3.2 Precautions

1. Copy Module will not successfully upload/download if the memorized functions are from a different model of radio remote control.
2. When using the Copy Module for copying/memorizing to/from, one **must turn Off the RX power supply and remove the batteries from the transmitter**; otherwise it will damage the RX's memory IC (EEPROM).
3. Functions must be memorized into the Copy Module when uploading; otherwise neither the TX nor the RX will work.
4. It is normal if the Copy Module's LED illuminates red when pressing buttons on the Copy Module to test without being connected to a TX or RX.
5. When not in use, please remove the magnetic key from the Copy Module to save power.
6. If the Copy Module's battery power is insufficient, the Copy Module's LED will illuminate red, yellow, and green sequentially.
7. It is abnormal if the Copy Module's LED illuminates red when copying; please contact *Control Chief* for technical assistance.
8. When trying a new configuration setting from the copy module for your Summit (SK) system, it might save trouble later if first you download your existing settings file into an unused button in the copy module (i.e. button 3).

1.3.3 Battery installation

1. Unscrew the four (4) screws on the bottom cover of the Copy Module with a Phillips head screwdriver.
2. Open the bottom cover of the Copy Module and place two (2) AA-size 1.5V alkaline batteries paying attention to their polarity.
3. Put the bottom cover on the Copy Module and tighten the four (4) screws.
4. Remove batteries if Copy Module is not to be used for over one (1) week's time to avoid potential damage due to leaking batteries.

Note: **Copier retains memory** *without* **batteries installed.**

<u>NOTES</u>

Questions?

Technical assistance is available from Control Chief.

Please call us at 814-362-6811 or email the Service Department at prodserv@controlchief.com

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