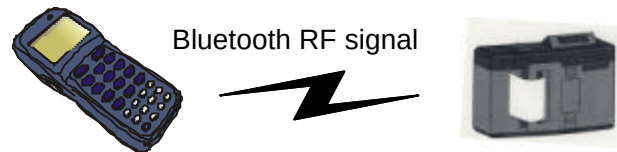


Operation manual

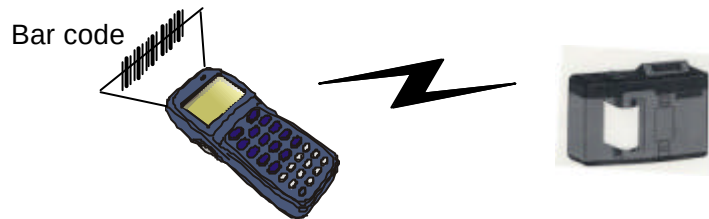
1. Data communication with potable printer.

- (1) Registration of portable printer and selection of the portable printer



- Transmits the registration signal from portable printer and register the portable printer at the BHT-8000.
- Transmits the selection signal from BHT-8000 to the portable printer and connect the BHT-8000 with portable printer.

- (2) Bar code reading and data transfer



BHT-8000 reads the bar code and transmits the reading data to portable printer. Portable printer prints the receipt.

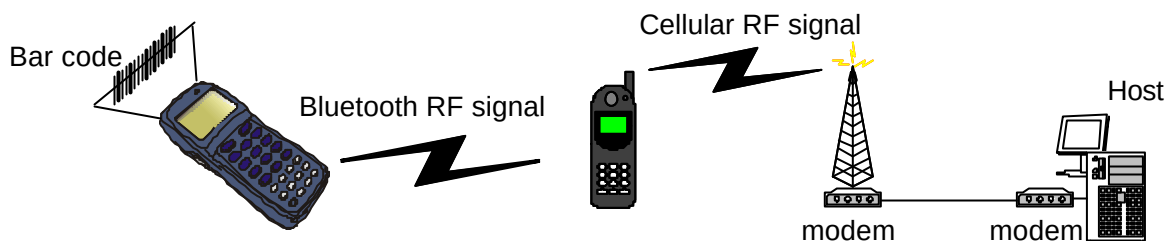
2. Data communication in public circuit

- (1) Registration of cell phone and selection of the cellular phone



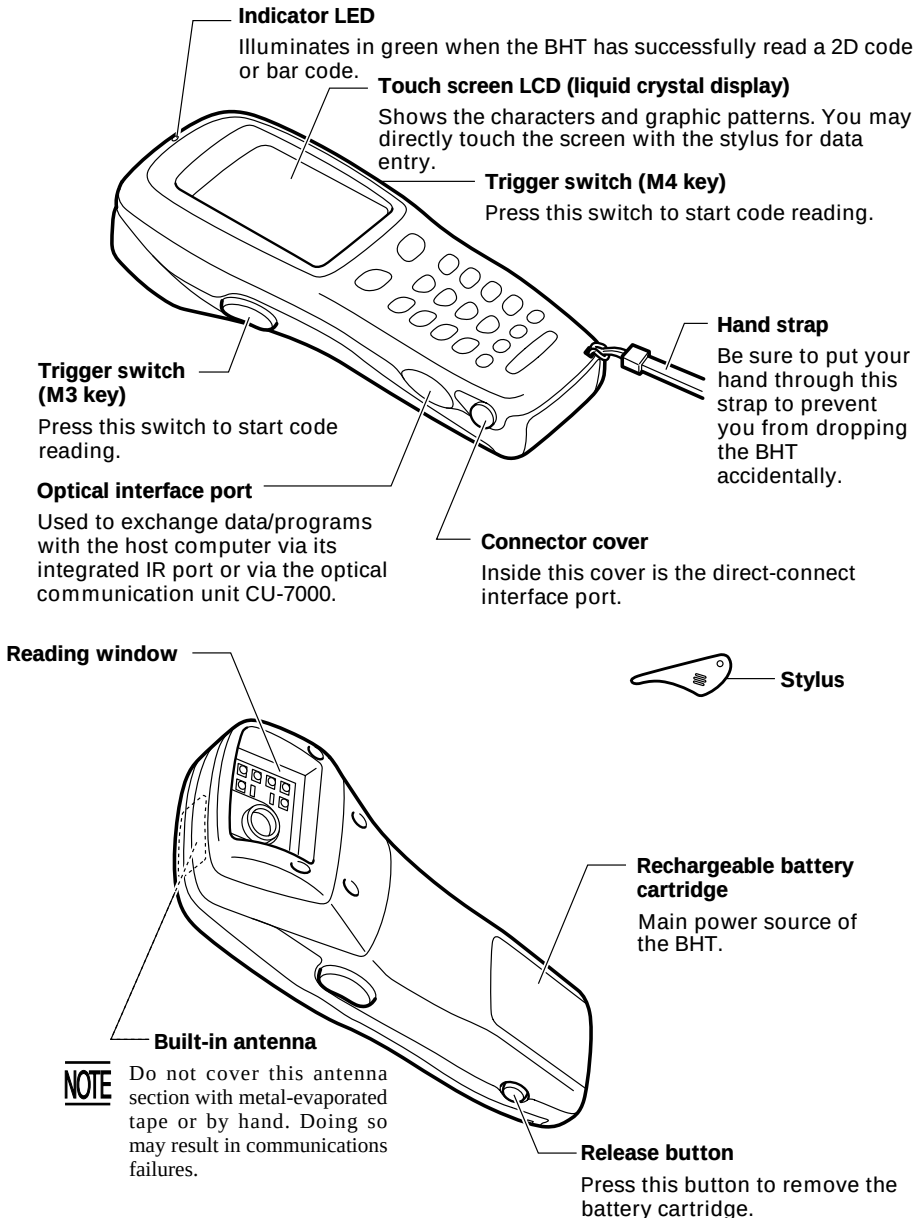
- Transmits the registration signal from cellular phone and register the cellular phone at the BHT-8000.
- Transmits the selection signal from BHT-8000 to the cell phone and connect the BHT-8000 with cellular phone.

- (2) Bar code reading and call

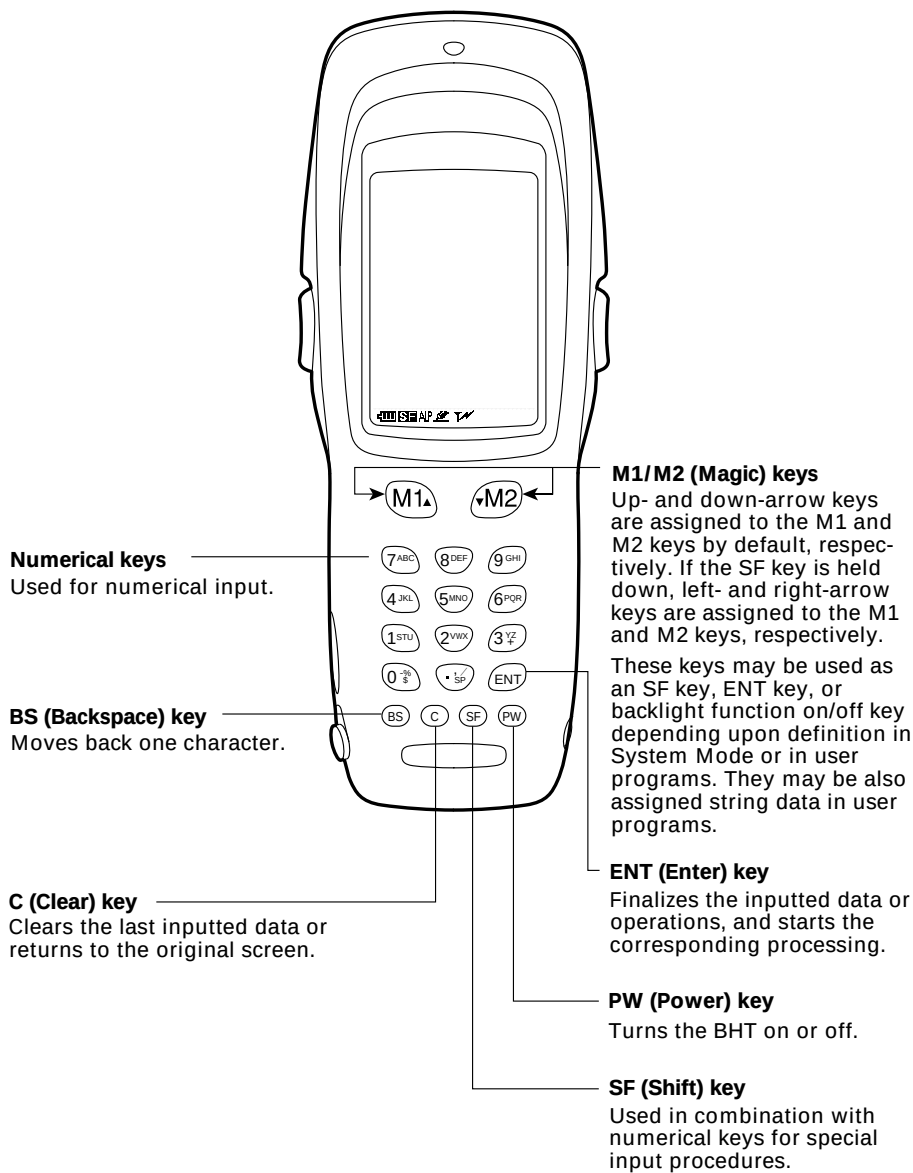


When BHT-8000 reads the bar code, the reading data is transmitted from cellular phone to the host by public circuit.

Components and Functions



The functions of the keys may be set by user programs. Shown below is a set of sample functions.

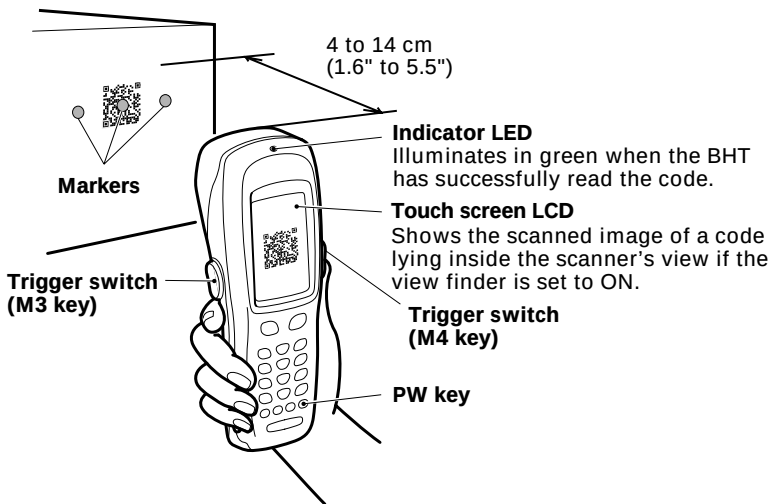


Reading 2D Codes and Bar Codes

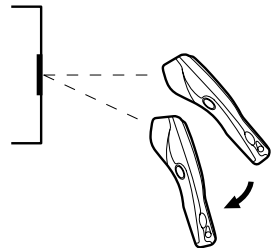
Turn the BHT power on, bring the reading window to the target code, and press the trigger switch. The BHT turns three marker LEDs on to indicate the scanning range and the illumination LED to scan the code. Keep the BHT stationary in a position where the target code lies between the right and left markers and the center marker comes to the center of the target code.

Hold the reading window 4 to 14 cm (1.6 to 5.5 inches) away from codes to be scanned.

When the BHT has read the code successfully, the indicator LED will illuminate in green and the markers will go off.



- The markers show the left-to-right scanning range. When the scanning distance is 8.5 to 9.5 cm (3.3 to 3.7 inches), they indicate almost the center of the up-down scanner's view. If the distance is out of the range, those markers will deviate from the center.
- If the BHT fails to read due to specular effects or other factors, change the scanning angle of the reading window or the distance from codes as shown at right, and try it again. (Specular effects occur when the reflection of the light from the code becomes excessively strong. This can easily happen when the reflecting surface is polished or covered with vinyl.)



- The code reading procedure may differ depending upon the application used, so follow the application's manual.

NOTE

- Before reading 2D codes or bar codes, clean those labels if stained.
- Avoid using the BHT in direct sunlight. The BHT might fail to read correctly.
- To read 2D codes or bar codes on curved surfaces, apply the BHT to the target code so that the code comes to the center of the scanning range indicated by the markers.
- Depending upon the code size or cell pitch, the proper scanning distance from 2D codes or bar codes will differ.

TIP

At the scanning time, the marker LEDs and illumination LED will come on. The illumination LED may not come on where it is bright enough for the BHT to scan. The light intensity of those LEDs will vary depending upon the scanning conditions and variation of their elements.