



Cervix Product Specifications Datasheet

HH-x18 Series Handheld Remotes



The Cervix SmaRT **HH-x18** portable unit is designed for traditional and non-traditional industrial remote control applications in conjunction with a variety of base units. The ergonomic layout of the handheld remote provides for comfortable operation in many environments.

Using direct sequence spread spectrum wireless technology at 900 MHz (9X) or 2.4 GHz (2H), the HH-x18 (replace x with 9X or 2H) provides a robust link to a base unit in congested radio environments. The handheld remote allows seamless association to a base unit without the need to open the case of either unit.

The rugged weatherproof handheld enclosure – complete with a boot for additional protection – allows the unit to operate worry free in harsh environments.

The HH-218 handheld remote has a dedicated ON button and an OFF button. The remaining sixteen buttons are assigned to and used to control the base unit outputs..

- Uses direct sequence spread spectrum technology (DSSS) at 900 MHz or 2.4 GHz
- Color graphic organic light emitting diode (OLED) display option
- Single or dual On and Off button
- Eight LED indicators (three active)
- Low voltage warning LED indication and critical low voltage auto-shutdown
- Rugged high impact polymer/polycarbon/stainless steel enclosure
- Removable bumper optional
- Operates at 3.0-6.0 VDC (uses four "AA" cell batteries)

POWER

V_{in}: +3.0 to +6.0 VDC
Batteries: Four (4) AA cell
Battery Life: 70 hours
Auto Shutdown: 15 minutes of button inactivity

RADIO

Frequency: HH-218: 2405-2480 MHz @ 100mW
 HH-918: 906-924 MHz @ 10mW
License: License-Free
Modulation: DSSS
Antenna: Internal

ENVIRONMENT

Operating Temperature: -20°C to 55°C (-4°F to 131°F)
Storage Temperature: -20°C to 85°C (-4°F to 185°F)
Humidity: 0 to 95% non-condensing

CONTROLS

Pushbuttons: 18 Two-Step Pushbuttons
Button Life: 5 million operations (typical)

INDICATOR LEDs

- **Blinking:**
Transmit
- **Blinking:**
Message received
- **Solid:**
Button press (switch active)
- **Solid:**
Active base unit output
- **Used During Association**

ENCLOSURE

Dimensions: Millimeters: 233.36 x 96.84 x 34.93
 Inches: 9.1875 x 3.8125 x 1.375
 Sleeve: Millimeters: 273.05 x 114.3 x 44.45
 Inches: 10.75 x 4.5 x 1.375
Total Weight: 430.9g /15.2oz.
Durability: High Impact Polymer Case
 Polycarbonate Faceplate
 Stainless Steel Faceplate



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