



Cervis Product Specifications Datasheet

HH-xH06 Series Handheld Remotes



The Cervis **HH-xH06** series handheld remotes feature ample range transmitter-to-receiver communication providing two, four, or six button control. Two-, four-, and six button units are available as Push-to-Operate (PTO) models or as Digital On/Off—single On/Off button—(DO) models. Six- and four-button units are available with dedicated On and Off buttons (OO models). Six button units

PTO-xH06S, DO- xH06S, and OO-xH06S are available with a Shift-Function button, affording dual function control for individual buttons.

Using Direct Sequence Spread Spectrum (DSSS) wireless technology at 900 MHz or at 2.4 GHz, handheld remotes provide a robust link with a receiver in congested radio environments. These SmarT handheld remotes feature seamless association to SmarT base units without a need to open the remote or base unit cases.



Handheld remote unit enclosures are constructed of rugged high-impact polymer with a polycarbonate faceplate securely sealed and attached by eight screws. Further protection is provided by a rubber bumper that covers the back and sides of the unit extending beyond the faceplate. A convenient detachable lanyard is also available.

- Powered by Three AAA Batteries
- 900 MHz or 2.4 GHz Spread Spectrum Technology
- IEC 60950 Certified (2.4 GHz units only)
- Six (6) LED Indicators
- Two, Four, or Six Button Control
- Rugged High-Impact Polymer Enclosure
- Removable Rubber Bumper
- Detachable Lanyard
- Compact Weatherproof Design

POWER

Vin: +3.6 to +4.5 V
Batteries: Three (3) AAA cell
Battery Life: 100 hours
Auto Shutdown: PTO: 5 seconds of inactivity
OO and DO: 4 minutes of inactivity

RADIO

Frequency: 906–924 MHz / 2405–2480 MHz
RF Power: 10mW@900 MHz / 100mW@2.4 GHz
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 100%

CONTROLS

Pushbuttons: Two, Four, or Six
Button Style: Momentary or Latch
Button Life: 5-million operations (typical)

INDICATOR LEDs

- TX: Transmit
- RX: Receive
- ERR: Error
- BA: Low Battery
- A1: Auxiliary 1
- A2: Auxiliary 2

ENCLOSURE

Dimensions: mm: 136.38 x 67.96 x 28.42
inches: 5.37 x 2.68 x 0.92
Total Weight: 200g/7.2oz. (with lanyard)
Durability: High impact polymer case
Polycarbonate faceplate
Impact absorbing bumper



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