

HH-xH06 Handheld Remotes

Features

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



The SmaRT HH-xH06 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.

Specifications

Power

V_{in}	+3.6 to +4.5 V
Batteries	Three (3) AAA
Auto-shutdown	PTO – 5 sec. of inactivity OO and DO – 4 min. of inactivity

Control Functions

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

Indicators

TX (Green)	Transmit
RX (Amber)	Receive
ER (Red)	Error
BA (Amber)	Low Battery
A1 (Amber)	Auxiliary 1 (Custom Use Only)
A2 (Amber)	Auxiliary 2 (Custom Use Only)

Radio

Frequency	906–924 MHz; 2405–2480 MHz
RF Power	10 mW @ 900 MHz; 100 mW @ 2.4 GHz
License	License-free
Modulation	DSSS
Antenna	Internal

Enclosure (with bumper)

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

Environment

Operating Temp	–20° C to 55° C (–4° F to 131° F)
Storage Temp	–20° C to 85° C (–4° F to 185° F)
Humidity	0 to 100%

Pushbutton Handheld Remote Options

Model	Model #	Frequency	RF Power	Activation	Pushbutton Inputs	Dedicated Stop	Attachment
PTO-9H06	07116550	900 MHz	10 mW	Any Input	6	No	Lanyard
PTO-9H04	07116551	900 MHz	10 mW	Any Input	4	No	Lanyard
PTO-9H02	07116552	900 MHz	10 mW	Any Input	2	No	Lanyard
OO-9H06	07116553	900 MHz	10 mW	ON, OFF	6	Yes	Lanyard
OO-9H04	07116554	900 MHz	10 mW	ON, OFF	4	Yes	Lanyard
OO-9H02	07116555	900 MHz	10 mW	ON, OFF	2	Yes	Lanyard
DO-9H06	07116556	900 MHz	10 mW	ON/OFF	6	Yes	Lanyard
DO-9H04	07116557	900 MHz	10 mW	ON/OFF	4	Yes	Lanyard
DO-9H02	07116558	900 MHz	10 mW	ON/OFF	2	Yes	Lanyard
PTO-9H06S	07116559	900 MHz	10 mW	Any Input	6	No	Lanyard
OO-9H06S	07116560	900 MHz	10 mW	ON, OFF	6	Yes	Lanyard
DO-9H06S	07116561	900 MHz	10 mW	ON/OFF	6	Yes	Lanyard
PTO-9H06B	07116562	900 MHz	10 mW	Any Input	6	No	Belt Clip
PTO-9H04B	07116563	900 MHz	10 mW	Any Input	4	No	Belt Clip
PTO-9H02B	07116564	900 MHz	10 mW	Any Input	2	No	Belt Clip
OO-9H06B	07116565	900 MHz	10 mW	ON, OFF	6	Yes	Belt Clip
OO-9H04B	07116566	900 MHz	10 mW	ON, OFF	4	Yes	Belt Clip
OO-9H02B	07116567	900 MHz	10 mW	ON, OFF	2	Yes	Belt Clip
DO-9H06B	07116568	900 MHz	10 mW	ON/OFF	6	Yes	Belt Clip
DO-9H04B	07116569	900 MHz	10 mW	ON/OFF	4	Yes	Belt Clip
DO-9H02B	07116570	900 MHz	10 mW	ON/OFF	2	Yes	Belt Clip
PTO-2H06	07126550	2.4 GHz	100 mW	Any Input	6	No	Lanyard
PTO-2H04	07126551	2.4 GHz	100 mW	Any Input	4	No	Lanyard
PTO-2H02	07126552	2.4 GHz	100 mW	Any Input	2	No	Lanyard
OO-2H06	07126553	2.4 GHz	100 mW	ON, OFF	6	Yes	Lanyard
OO-2H04	07126554	2.4 GHz	100 mW	ON, OFF	4	Yes	Lanyard
OO-2H02	07126555	2.4 GHz	100 mW	ON, OFF	2	Yes	Lanyard
DO-2H06	07126556	2.4 GHz	100 mW	ON/OFF	6	Yes	Lanyard
DO-2H04	07126557	2.4 GHz	100 mW	ON/OFF	4	Yes	Lanyard
DO-2H02	07126558	2.4 GHz	100 mW	ON/OFF	2	Yes	Lanyard
PTO-2H06S	07126559	2.4 GHz	100 mW	Any Input	6	No	Lanyard
OO-2H06S	07126560	2.4 GHz	100 mW	ON, OFF	6	Yes	Lanyard
DO-2H06S	07126561	2.4 GHz	100 mW	ON, OFF	6	Yes	Lanyard
PTO-2H06B	07126562	2.4 GHz	100 mW	Any Input	6	No	Belt Clip
PTO-2H04B	07126563	2.4 GHz	100 mW	Any Input	4	No	Belt Clip
PTO-2H02B	07126564	2.4 GHz	100 mW	Any Input	2	No	Belt Clip
OO-2H06B	07126565	2.4 GHz	100 mW	ON, OFF	6	Yes	Belt Clip
OO-2H04B	07126566	2.4 GHz	100 mW	ON, OFF	4	Yes	Belt Clip
OO-2H02B	07126567	2.4 GHz	100 mW	ON, OFF	2	Yes	Belt Clip
DO-2H06B	07126568	2.4 GHz	100 mW	ON/OFF	6	Yes	Belt Clip
DO-2H04B	07126569	2.4 GHz	100 mW	ON/OFF	4	Yes	Belt Clip
DO-2H02B	07126570	2.4 GHz	100 mW	ON/OFF	2	Yes	Belt Clip

