

6.0 Specifications

Table 2. SmarT HH-x10 Remote Control Unit Specifications

Item	Description	
Power	V_{in}	+2.1 V to +3.2 VDC
	Source	Two “AAA” cell batteries
	Auto-shutdown	Four minutes of button inactivity (default)
	Low Battery Warning	≈2.1 V – batteries should be immediately replaced
	Low Battery Shutdown	≤2.0 V – batteries must be replaced to operate
Environment	Operating Temp	–20° C to 55° C (–4° F to 131° F)
	Storage Temp	–40° C to 55° C (–40° F to 131° F)
	Humidity	0 to 100%
Radio	Frequency	906–924 MHz @ 10 mW (HH-9H10)
		906–924 MHz @ 100 mW (HH-9X10)
		2405–2480 MHz @ 100 mW (HH-2H10)
	License	None required
	Modulation	DSSS
Antenna	Internal	
Enclosure	Dimensions	mm: 136.38 x 68.96 x 28.42
		inches: 5.37 x 2.68 x 0.92
	Total Weight	200 g/7.2 oz. (with lanyard or belt clip)
	Durability	High Impact Polymer case
		Polycarbonate faceplate Impact absorbing bumper
LED Indicators	TX (Green)	Transmit – Flashes when transmitting messages
	RX (Amber)	Receive – Flashes when receiving messages
	ER (Red)	Flashes when errors are detected
	BAT (Amber)	Blinks when low battery condition exists
	A1	Used when custom-programmed
	A2	Used when custom-programmed
Buttons	Twelve	Pushbuttons
	Number of Functions	Ten to twenty, program-dependent