

HH-218 Handheld Remotes (DO-218, DO-218-DIS, OO-218, OO-218-DIS)

Features

- ✓ OO Models: Individual On and Off buttons with 16-Function Button Control
- ✓ DO Models: An ON/OFF Button with 17-Function Button Control
- ✓ 2.4GHz Direct Sequence Spread Spectrum Technology (DSSS) at 2mW RF Power
- ✓ Direct-Line-of-Sight Operation ✓ LED Status Indicators
- ✓ 2-Line, 16-Character LCD Display ✓ Powered by Four AA Batteries
- ✓ Rugged High-Impact Polymer/Polycarbonate/Stainless Steel Enclosure
- ✓ Removable Protective Bumper and Lanyard ✓ Weatherproof Design



The SmaRT HH-218 handheld remotes are 18-button remote control units that operate in the 2.4GHz range @ 2mW of RF power using Direct Sequence Spread Spectrum (DSSS) technology. The OO-218 models have individual On and Off buttons with custom factory configuration of up to sixteen additional function control channels. DO-218 models have an a single On/Off button allowing custom configuration of seventeen function control channels. OO and DO display models have optional two line, 16-character LCD displays that provide visual feedback and enhanced setup features including operator adjustable contrast and backlighting of the display. The handheld enclosure is constructed of rugged high-impact polymer. A securely attached stainless steel faceplate provides additional ruggedness. The optional bumper or leather holster provides further protection. A removable lanyard is also available.

The SmaRT 18-button handheld remotes provides a robust link in congested radio environments and works with a wide variety of SmaRT base units. SmaRT handhelds feature seamless association to SmaRT base units without the need to open either the handheld or base unit case.

Specifications

Enclosure

Dimensions	93/16" x 313/16" x 13/8" 233.36 mm x 96.84 mm x 34.93mm
(Sleeve)	10.75" x 4.5" x 1.375" 273.05mm x 114.3mm x 44.45mm
Total Weight	15.2 oz. (430.9 gr.)
Durability	High impact polymer case Polycarbonate faceplate Stainless steel faceplate

Environment

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

Control Functions (18-Pushbuttons)

OO-218/218-DIS	Green ON, Red OFF; sixteen (16) function
DO-218/DO-218-DIS	Green ON/Off; seventeen (17) function
Button Life	5-million operations (typical)

Radio

Frequency	2405-2480MHz
RF Power	2mW
License	None required
Modulation	DSSS
Antenna	Internal
Power	
Batteries	Four "AA" Alkaline
Auto-shutdown	15 min. of button inactivity (default)

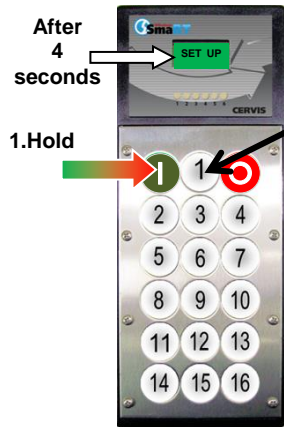
LED Indicators (Three Active)

Green	Flashing: Transmit Solid: Button press (switch active)
Amber	Flashing: Message received Solid: Active base unit output
Red	Used during Association

LCD Display (OO-218-DIS, DO-218-DIS)

Lines	Two (2)
Characters	Eight (8) characters max. per line

Display Menu Examples



2. Press and hold to page through the menus. Release while still holding the ON button to remain on a particular menu.
3. Press once to page to the next menu, or press and hold to scroll through.

MENUS



Out Of Range Example



Infinite Timeout Example



✓ *Note: Releasing the ON button at any time exits the setup menus.*

SmaRT HH-218 Handheld Remotes

Model	Freq.	RF Power	Umbilical	Display	Attachment	Power Source	Status LEDs
OO-218	2.4GHz	2mW	No	No	Lanyard	4-AA Alkaline	Yes
OO-218-DIS	2.4GHz	2mW	No	Yes	Lanyard	4-AA Alkaline	Yes
DO-218	2.4GHz	2mW	No	No	Lanyard	4-AA Alkaline	Yes
DO-218-DIS	2.4GHz	2mW	No	Yes	Lanyard	4-AA Alkaline	Yes

Custom Configurations by Request