



Pistol-Grip Remote Handhelds

Introducing Durability

- Increased stiffness, heat resistance and mechanical integrity with PA GF30 material (Black).
- Low Profile, Ultra Strength Magnet Mounts
- Shrouded "Protected" Components
- Solid ABS Trigger Design
- Aluminum Top Plate
- Thick Wall Design
- O Ring Seals



SmaRT PG Handheld

Engineered SmaRT by Design

900MHz & 2.4 GHz DSSS (Direct Sequence Spread Spectrum)

Four Diagnostic LEDs

Powered by Four AA Batteries (+3.0VDC nominal)

Comfortable Weatherproof Pistol-Grip Design

8 bit trigger control

Cable Back-up



The SmaRT Pistol-Grip Remote is designed for traditional and non-traditional mobile applications. Capable of activating digital and trigger-control proportional pulse-width-modulated outputs of the SmaRT Base Unit, the SmaRT PG provides single-handed operation in a comfortable ergonomic SmaRT design.

Using direct sequence spread spectrum (DSSS) wireless technology at 900MHz or 2.4 GHz, the SmaRT Pistol-Grip Remote provides a robust link that receives in congested radio environments. The SmaRT Pistol-Grip Remote features seamless association to a SmaRT Base Unit without the need to open the case of either unit. And, the pistol-grip remote can be directly connected to the base unit using an umbilical cord cable backup.

The rugged weatherproof Pistol-Grip enclosure allows the CAN unit to operate worry free in harsh weather conditions.



System Specifications



Wireless SMART

Frequency	906 - 924 MHz or 2.4GHz DSSS
RF Power	1mW (2mW for 2.4 GHz option)
Batteries	(4) AA
Operating Temp	-20°C to 55°C
Antenna	Internal/External Option
Modulation	DSSS
Indicators	Transmit, Receive and link

Applications

- Utility Equipment
- Mobile Cranes
- Vacuum Trucks
- Drilling Rigs
- Mechanics Cranes
- Hydraulic Trailers
- Towing Equipment
- Winches
- Track Equipment
- Cement Mixers
- Track Machines

Solid State Base Unit

Available Voltage Ranges	7 - 32 Vdc
Number of I/Os	0 6
	0 8
	0 16
	1 AI2 - 4 to 20
CAN Compatible	1 AV2 - 0 - 10

SMART Solid State Base Unit features up to sixteen high-side switching fault monitored FET outputs or switch-to-ground digital inputs. The versatile, programmable digital inputs can be customized by Cervis to fit specific applications. Base Units accept a broad range of input voltage with operating voltages ranging from 7 to 32 Vdc. The rugged weather proof enclosure allows the unit to operate worry free in harsh weather conditions.



- 1 PA GF30 (Black) enclosure material for unsurpassed durability.
- 4 Custom LOW profile magnets for mounting.
- 2 Ergonomic trigger/toggle.
- 5 Quad LED layout for feedback.
- 3 O-Ring Seals for battery compartment and top plate rated IP67.
- 6 Shrouded connector for cable back up.
- 7 Optional joystick for multiple fully proportional functions.



Relay Contact Base Unit

Available Voltage Ranges	9 - 18 Vdc
	18 - 32 Vdc
	24 - 235 Vac
Number of outputs	6 form C
	NO/NC Relay
Rating	10A Max per Channel Power Factor: 0.6

SMART Relay Contact Base Units feature six form C relay outputs, each 10A max with independent commons and transient power suppression. All connections are made via dual 12-wire cables using uniquely keyed connectors to guard against cross connection. The rugged weatherproof enclosure allows the unit to operate worry free in harsh weather conditions.

