



ELECTRONIC

JOYSTICKS

- Hall effect contactless double-axis joysticks or pedals
- CANbus models
- Long life and precise, comfortable control
- Robust mechanical design
- Heavy-duty joystick available

Series	Interface	Signal range	Proportional functions	On/Off functions
AJW	-	0,5 V to 4,5 V	2 to 6	1 to 10
CJW	CANopen - SAEJ1939-ISOBUS	-	2 to 6	1 to 10
HJW	CANopen - CANopen Safety	-	2 to 6	1 to 10
APW	-	0,5 V to 4,5 V	4	-
CPW	CANopen - SAEJ1939	-	4	-



CONTROL UNITS

- Microprocessor-based PWM driver
- Designed for PHC electronic systems

Series	Interface	Inputs	Proportional outputs
CED400W	RS232, 9600, 8, N, 1 CANopen - SAEJ1939	A = up to 4 D = up to 6	12
PVD200	RS232, 9600, 8, N, 1 CANopen - SAEJ1939	A = up to 4	2 pairs
CED1200S	RS232, 9600, 8, N, 1 CANopen - SAEJ1939 Ethernet BroadR-Reach, LIN	A = up to 32 D = up to 12	48

A: analog inputs
D: digital inputs



COMPLETE ELECTRONIC SYSTEM FOR LOADER

- Harness dedicated to predefined PHC systems
- Power-line connection with fuse protection
- Suitable for static or fixed installation

Series	Interface	Proportional functions	Digital outputs
PHC251C	CANbus	2	3

HANDLES

- New XMH ergonomic middle-size handle with soft-touch coating for comfortable hand grip
- Up to 3 control elements: thumbweels, pushbuttons and rocker switches

Series	Proportional functions	On/Off functions
XMH	3	6
P (PT)	2	8 (10)
H	1	8
S	1	4
V	0	4
10	0	1
AMH	1	10
MTH	4	10



RADIO REMOTE CONTROLS



RADIO REMOTE CONTROLS

MINI

	MINI
Control options	4- or 8-button configuration available with optional PWM output
Operating temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Storage temperature	-55 °C to 100 °C (-67 °F to 212 °F)
Material	Glass-filled copolymer
Ingress protection	IP54 (Transmitter) IP67 (Receiver)
Dimensions	96,5 mm x 45,7 mm x 22,9 mm (3.8"H x1.9"W x0.9"D)
Battery	2 AAA alkaline batteries
Operating time	Up to 20 hours of continuous keypress



RADIO REMOTE CONTROLS

MICRO

	MICRO
Control options	2-, 4- or 8-button configuration
Operating temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Storage temperature	-55 °C to 100 °C (-67 °F to 212 °F)
Material	Glass-filled nylon
Ingress protection	IP65 nominal (may vary with custom configurations)
Dimensions	71,1 mm x 44,4 mm x 15,2 mm (2.80"H x1.75"W x0.60"D)
Battery	Lithium-polymer batteries
Operating time	Up to 30 hours of continuous keypress



RADIO REMOTE CONTROLS

MACRO

	MACRO
Control options	4-, 8- or 15-pushbutton configuration
Operating temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Storage temperature	-55 °C to 100 °C (-67 °F to 212 °F)
Material	Glass-filled nylon
Ingress protection	IP65 nominal (may vary with custom configurations)
Dimensions	119,4 mm x 66,0 mm x 22,9 mm (4.7"H x2.6"W x0.9"D)
Battery	Lithium-polymer batteries or AAA alkaline batteries
Operating time	20 hours of continuous keypress



RADIO REMOTE CONTROLS

MEGA

	MEGA
Control options	12-, 18- or 20-pushbutton configuration, LCD display (optional with 18-pushbutton configuration), dual action (optional)
Operating temperature	-40 °C to 85 °C (-40 °F to 185 °F) -20 °C to 70 °C (-4 °F to 158 °F) with LCD display
Storage temperature	-55 °C to 100 °C (-67 °F to 212 °F) -30 °C to 70 °C (-22 °F to 158 °F) with LCD display
Material	Glass-filled nylon
Ingress protection	IP65 nominal (may vary with custom configurations)
Dimensions	152,4 mm x 76,2 mm x 33,0 mm (6.0"H x3.0"W x1.3"D)
Battery	2 AA alkaline batteries or rechargeable NiMH battery
Operating time	25 hours of continuous keypress



RADIO REMOTE CONTROLS

GIGA

	GIGA
Control options	24- or 34-pushbutton configuration
Operating temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Storage temperature	-55 °C to 100 °C (-67 °F to 212 °F)
Material	Glass-filled nylon
Ingress protection	IP65 nominal (may vary with custom configurations)
Dimensions	190,5 mm x 86,4 mm x 38,1 mm (7.5"H x3.4"W x1.5"D)
Battery	Lithium-polymer batteries or Higher Capacity Lithium
Operating time	20 hours of continuous keypress



RADIO REMOTE CONTROLS

GUIDER

	GUIDER
Control options	Up to 8 toggle switches, E-stop, pushbuttons, potentiometers, thumbwheels or proportional trigger
Operating temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Storage temperature	-40 °C to 100 °C (-40 °F to 212 °F)
Material	Polypropylene copolymer
Ingress protection	IP65 nominal (may vary with custom configurations)
Dimensions	218,4 mm x 124,5 mm x 114,3 mm (8.6"H x4.9"W x4.5"D)
Battery	4 AA alkaline batteries or rechargeable NiMH battery
Operating time	40 to 60 hours of continuous keypress



RADIO REMOTE CONTROLS

MK

	MK
Control options	Up to 8 pushbuttons, dual action (optional), E-stop or lighted pushbuttons (optional)
Operating temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Storage temperature	-55 °C to 100 °C (-67 °F to 212 °F)
Material	Glass-filled nylon
Ingress protection	IP65 nominal (may vary with custom configurations)
Dimensions	(2"x2.4"x various heights[6"/8.6"/11.5" or 14"])
Battery	2 AAA alkaline batteries
Operating time	20 hours of continuous keypress



BECAUSE EVERY INDUSTRY AIMS FOR EXCELLENCE



ELECTRONIC