

3-IN-1 MANLIFT CONTROLS



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Features

Kar-Tech's 3-In-1 control system multiplexes CANbus, fiber optic, and wireless control for a seamless, high-uptime control solution that allows the OEM to keep control of the interfaces they require. The 3-In-1 system is loaded with inputs to allow the OEM to bring in their own joysticks, foot pedals, switches and dials, and offers two main output methods. CANbus is on board for the OEM that's currently running bundles of hydraulic hoses or electrical cables to the platform, and realizes the benefit of a CAN two-wire solution that eliminates the cost & labor associated with installation and service platform to ground. Alternatively, fiber optic is on board as well for insulated booms. In the event of loss of communication over either cable, a seamless failsafe method to onboard wireless communication is in place, allowing the operator continued mobility and control. Multiple standard E-Stop and foot pedal inputs at the platform immediately shut down system power and dump valves at the ground control for added security.

General

Communication	RS-232, fiber optic, dual CANbus (SAE J1939), 900MHz FHSS RF
Supply Voltage	9V to 30VDC
Analog Inputs	Customer-specified
Input Range	9V to 30VDC, 100VDC transient. 12 bit resolution with on-board +5VDC regulated reference for joysticks, potentiometers, sensors, etc.
Standard Outputs	Customer - specified ; current-regulated proportional, on/off, variable voltage, etc...
Output Rating	3 amp nominal, 5 amp max

