

WIRELESS ANTI-TWO BLOCK



KAR-TECH

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Features

Kar-Tech's wireless anti-two block switch is a reliable system for replacing the traditional mechanical switch and troublesome cable reel. This wireless system eliminates both the cable reel and the anti-two block switch and the headaches associated with them. The self-contained switch is immune to mechanical failures and water damage since both the switch and the receiver are designed with solid state components which are fully encapsulated; the system is designed to be as hassle-free as possible. There's no need to worry about the potential for a cable being broken by branches or other objects, and no more need for a cable reel. This is also a perfect solution to eliminate the corrosion factor in the reel contacts and their loose springs. Installation is as simple as mounting the wireless switch at the boom tip and installing the receiver at the base of the boom. This simple installation allows OEM's to reduce manufacturing cost by removing brackets, wire guides and the associated labor.

The normally closed signal is transmitted wirelessly within a 200' range with a nearly instantaneous response time. Intelligent radio-frequency power adjustments enable the maximum possible battery life - and when battery changes are required, just two common alkaline C batteries get you back up and running for several months under usage. An alarm output is present at the receiver along with a red LED for indication of low battery and ATB switch. The combination of frequency hopping spread spectrum technology and ID-coded transmissions virtually eliminates both interference and cross-talk between adjacent trucks using the wireless ATB and other wireless remotes used on the crane. Kar-Tech's electronics are designed for the mobile environment, and can be left outside indefinitely with no issues. All electronics are polyurethane-potted, effectively turning them into a hockey puck. The systems are designed for 12/24V operation, and will supply up to 5A on the ATB/normally closed output.

Specifications

Communication:	900MHz FHSS
Supply Voltage:	Transmitter: 2 C size Alkaline Receiver: 9 to 30 VDC
Output Rating:	Five amp maximum, protected
Connections:	Four conductor 20ga. cable
Standard Outputs:	One normally closed ATB output One normally open for transmitter low battery

Transmitter / Switch

