

## Anti-Two-Block Warning Systems

Anti-two-block ATB or A2B warning systems are used to warn the crane operator from two-blocking the crane. Two-blocking is a dangerous condition where the hook block is raised until it contacts the boom tip. Two-blocking is dangerous to personnel and can cause expensive damage to crane booms and equipment.

Anti-Two-Block warning systems are the most basic operator aide every crane should have. We offer wired and wireless ATB systems to fit every type of crane and application.

### Hardwired or Wireless ATB Systems

#### Which one is right for your crane?

**Wireless ATB systems** are less expensive and easier to install on telescopic boom cranes. For cranes that work around trees or obstacles where the cable on the reeling drum frequently gets damaged or broken a wireless ATB systems are a great solution. Wireless ATB systems are available in kits that monitor one or both hoist on one small cab mounted display.

**Hardwired ATB systems** are sometimes required in areas when wireless devices are prohibited such as mining sites. They are also preferred when using a lock-out system and lifting personal since there is less chance of radio interference interrupting the signal. Hardwired ATB systems are available in kits that can monitor up to three hoist on one cab mounted display.



## R140 Hardwired Anti-Two-Block Warning System



- Fail safe. Will default to alarm
- Superior ATB switch design.
- Switch rotates 360 continuous
- Output for Lock outs
- Years of proven reliability
- Durable IP66 for use in open cabs
- No problem with rain, sun or weather

The R140 provides an audio and visual alarm when the hook reaches the maximum safe height to the boom tip. The display is wired to the tip mounted ATB switch with a cable on a lattice boom or a cable reeling drum on a telescopic boom. A second switch, weight and jib cable, if necessary, can be added to monitor both the main and auxiliary hoist on the same display. The display has an internal relay that can be integrated with a function lock out system. (sold separately)

The Rayco/Wylie hardwired ATB switch has a superior design that allows it to rotate 360 degrees and is compatible with all major brands. It's available in the standard aluminum body design and the marine duty stainless steel version.

For use on telescopic and lattice and fixed boom cranes.



ATB switch with weight and chain assembly

### Specifications:

Display and Switch rated IP66

Fully sealed against weather and corrosion.

Operating Temperature -22 to 120 F

Display Dimensions 4.3"x 5.87"x3.3.0"

Switch Dimensions 7.5"x2.5"

Available in 12V and 24V DC versions.



Cable reel used on telescopic boom cranes