

# Remtron™

## 325, 411 AND 611 OPERATOR CONTROL UNITS

### PUSHBUTTON WIRELESS CONTROLERS

#### HIGHLIGHTS

- Remtron™ 325 is a three-motion, two-speed controller with five auxiliaries plus start and stop functions
- Remtron™ 411 has four single-step motions plus start and stop functions
- Remtron™ 611 has six-single-step motions plus start and stop functions

#### FEATURES

- IP65 enclosure offers protection against harsh environments
- Long-life switches measured in millions of cycles
- Battery lasts beyond 95 hours with typical use; uses AA standard alkaline batteries
- Enhanced status indicators include multiple LEDs and haptic feedback
- Wireless closed box Bluetooth® configuration of frequency and function for simple and rapid deployment of spares
- RFID security and reconfiguration enable user ID security and "as needed" reconfiguration of the controller to a specific machine
- PL-d safety level based on black channel telegram for both control and feedback and a redundant dual-processor architecture
- Illuminated PL-d stop switch
- Customizable switch layout to meet specific requirements and white label programs
- Global licensed and unlicensed frequencies offer support in the 915MHz, 868MHz, 433MHz and 2.4GHz (unlicensed) and 450-470MHz (licensed) spectrums
- Diagnostic data collection - essential data and diagnostics are logged and available over Bluetooth® or SD Card

#### APPLICATIONS

Remtron wireless remote control systems are used for the control of equipment and machinery in a wide variety of industrial manufacturing, construction and material handling applications.

- Crane and Hoist Systems
- Conveying Systems
- Mobile Equipment
- Pump Control
- Robotics

#### COMPLIANCE

- CE / RED
- EN/ISO 13849
- Performance Level d
- ISO 13850



Remtron 325

Remtron 411

Remtron 611





## TECHNICAL DATA AND SPECIFICATIONS

### ELECTRONIC DATA

Commands	Up to 20 commands.
Digital Circuitry	Dual Microprocessor PL-d Architecture
System Address	24-Bit (65,535) unique addresses
Energy-Saving Mode	Configurable Automatic Shutdown
Battery	2 – AA Batteries
Battery Life	95+ Hours

### RF

Frequency Range	License Exempt: 915MHz, 433MHz, 868MHz, 2.4GHz 450-470MHz Licensed
Operating Range	200 Meters typical (600 ft)
Antenna	Integrated internal antenna
Telegram	Dynamic high-efficiency telegram
Data Security	Enhanced bi-directional black channel communication
RFID	RFID reader for security and reconfiguration options

### ACCESSORIES

Batteries	2 – standard AA
Labeling	Standard label sheets supplied
Holster	Leather Holster

### MECHANICAL DATA

Weight	<b>411</b> 0.25kg (9 oz) <b>325 and 611</b> 0.28kg (10oz)
Dimensions L x W x H	<b>411</b> 71 x 165 x 25mm (2.8 x 6.5 x 1 in) <b>325 and 611</b> 71 x 206 x 25mm (2.8 x 8.1 x 1 in)
Housing	High-impact fiber-reinforced nylon IP65 suitable for outdoor use.
Operating Temperature	-20° to +60° C (-4° to +140°F)
Vibration and Shock	Vibration / Impact and drop tested to 1 meter on concrete.

### OPERATION AND INDICATION

Status	1 Tri-Color Status LED 4 Bi-Color State LEDs Haptic Feedback Illuminated Stop Switch
Control Elements	<b>411</b> 4 Single Step Motions Start and Stop <b>325</b> 3 Dual Step Motions 5 Auxiliary Start and Stop <b>611</b> 6 Single Step Motions Start and Stop  Customizations available

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