

Remtron™

325, 411 AND 611 OPERATOR CONTROL UNITS

PUSHBUTTON WIRELESS CONTROLLERS

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 LED's and haptic feedback
- Wireless closed box Bluetooth® configuration of frequency and function for simple and rapid deployment of spares
- RFID security and re-configuration 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



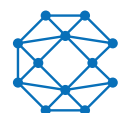
Remtron 325



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	100 Meters typical (300 ft)
Antenna	Integrated internal antennas
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	411 0.25kg (9 oz)
	325 and 611 0.28kg (10 oz)
Dimensions L x W x H	411 71 x 165 x 25mm (2.8 x 6.5 x 1 in)
	325 and 601 71 x 206 x 25mm (2.8 x 8.1 x 1 in)
Housing	High-impact fiber-reinforced nylon IP 65 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 Status LEDs Haptic Feedback Illuminated Stop Switch
Control Elements	411 4 Single Step Motions, Start and Stop
	325 3 Dual Step Motions 5 Auxiliaries Start and Stop
	611 6 Single Step Motions Start and Stop
	Customizations available

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