Quick Start Guide

CATTRON™

Remtron™ | 325, 411, 611 OCU and 10R, 17R MCU

Wire Your Machine Control Unit

The MCU terminals and pin numbering relative to the OCU buttons are identified in the system configuration drawing provided with your system.

1. In almost all cases the implementation of an appropriate main line contactor power circuit is required using K18 and K19 to maintain the Machine power and possibly K20 to reset the Machine, although this may be a local reset.
2. Connect power and ground (per system specification) to J1 via a local disconnect switch.
3. Connect the correct antennas to the antenna connectors.
4. Check the wiring and turn on the MCU power, the MCU LEDs, two power green, Heartbeat flashing red and status amber will energize if all is OK , the relays K18 and K19 will energize when the OCU is linked.

Batteries

Ensure batteries are charged, or a new set of disposable batteries are installed.

Disposable Batteries

OCUs with disposable batteries (AA type) have cross head screws securing the battery cover.

Rechargeable Batteries

OCUs with rechargeable batteries have tamper proof screws securing the battery cover.

OCU Turn ON, Turn OFF and Status

- Turning on the OCU requires the ON button to be pressed, followed by Stop and then Start again.
- The first Press wakes the OCU from a sleep state and triggers a full diagnostic test of the electronics and switches, when complete the LEDs 1 and 2 illuminate to indicate the state of the battery charge where GREEN, GREEN would be fully charged and RED, RED almost completely depleted, the OCU is now in a PASSIVE State.
- Then pressing Stop followed by ON again starts the OCU transmitting to control the machine, the Stop switch will flash while transmitting.
- To Stop the machine, Press the Stop button and the OCU returns to a PASSIVE non-transmitting state.
- If the STOP button is then pressed for 3 seconds the OCU will power down, or if the OCU is left for three minutes it will power down on its own.
- When transmitting, if the battery is low the top center Status LED will flash Amber, or if the battery is almost depleted it will flash Red and the OCUs haptic function will also vibrate every 10 seconds.
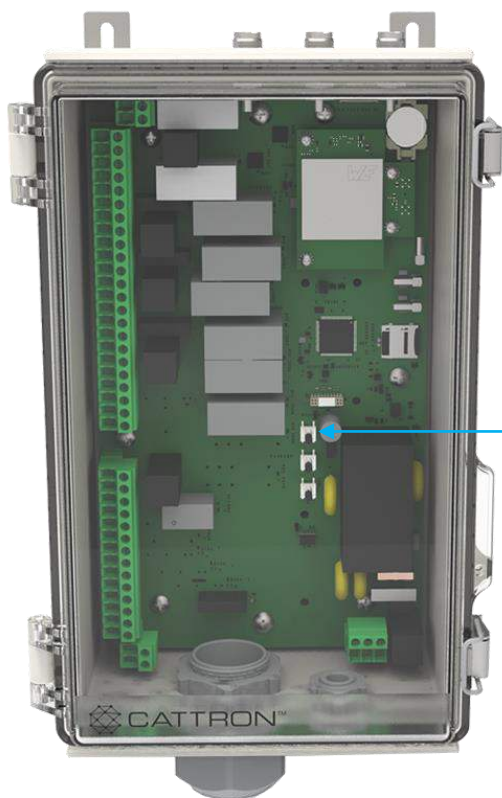
STOP ⟶ | ⟵ ON
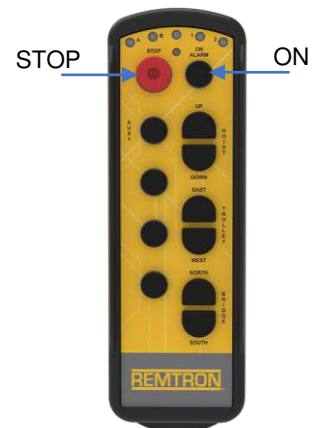
2.4GHz systems only, Associating an OCU with an MCU

1. For a new OCU that has never been associated with an MCU, the following Association process will need to be done once.

2. If possible, press and hold the MCU button shown below. If this is not possible the OCU <u>MUST</u> be held closer to the antenna of the MCU - to ensure it is connected to that OCU rather than any other MCU. If necessary, move other MCUs away from the machine to be connected to, in order to ensure it connects to that intended MCU. The logic is: IF an MCU's button is pressed, connect to that MCU, IF NOT connect to the MCU with the strongest signal.

3. With the MCU powered up and the OCU in Passive mode (Awake but not transmitting), press and hold the MCU button (if possible) and then immediately press and hold the two starred buttons for 10 seconds, until the center Status LED turns Blue. Release all buttons and wait a few seconds for LED1 to flash Green. The OCU and MCU are now associated.

4. If LED1 does not flash Green or flashes Red, repeat the association process.

NB: Only one OCU can be associated with an MCU at one time, Spare OCUs will need to be associated when deployed.

When the association process has been completed, verify that the OCU is controlling the intended MCU before putting to work.

411 or 611   **325**

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