Quick Start Guide

Pump Boss III™

1. Install the Pump Boss III MCU

- The PBIII output functions relative to the OCU buttons are identified in the user manual.
- In some cases the implementation of an appropriate machine main power control circuit is required using the Main Safety output that has been allocated to that function. Additionally a Reset function may have been defined to reset the machine.
- Mount the 2.4GHz Antenna provided and connect using the line kit supplied to one of the antenna ports.
- Check the wiring and turn on the MCU power, the CBMCU LED A should be amber, LED B should be green, LED F will be green when Main Safety outputs are OFF and red when they are ON.
- When the PumpBoss OCU is started and in Active mode, LED E will flash with every received RF message. NB: If the OCU has never been associated with the MCU, it will be necessary to carry out the Association process, see next page.
- The CAN LEDs will correspond to any defined and connected CAN bus.

Disposable Batteries

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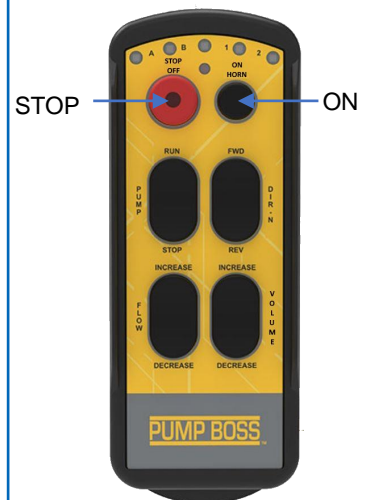
Rechargeable Batteries

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

2. OCU Turn ON, Turn OFF and Status

- If the Rapid Start option is programmed (normal from Jan 2024) press the ON button until the haptic buzz is felt and the OCU will be transmitting, to get to a Passive state for CattronLink or Association modes press the ON button very briefly.
- If Rapid Start is not programmed, press the ON button once to wake the OCU from a sleep state, LEDs 1 and 2 will illuminate to indicate the state of the battery charge, the OCU is now in a PASSIVE State, then press the ON button again to start the OCU transmitting.
- When the Stop switch is flashing the OCU and MCU are communicating, if the Stop switch stops flashing, either the OCU is not associated with the MCU, or the MCU is turned OFF or the distance between OCU and MCU is too great.
- To Stop the machine, Press the Stop button.
- If Rapid Stop is programmed (normal from Jan 2024) the OCU will go straight to OFF
- If Rapid Stop is not programmed the OCU will go to Passive and either pressing STOP for 3 seconds or waiting 3 minutes will turn the OCU OFF.
- 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

Associating a new OCU with the Pump Boss III 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. Hold the OCU close to the antenna of the MCU - to ensure it connects to that MCU rather than any other MCU. If necessary, make sure any other MCUs are turned OFF in order to ensure it connects to that intended MCU. The OCU will connect to the MCU with the strongest signal.

3. With the MCU powered up and the OCU in Passive mode (Refer to last page), press and hold the two starred buttons for 10 seconds, until the center Status LED goes 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:

• An OCU cannot be associated with more than one MCU.

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