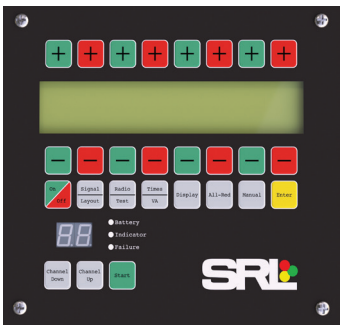
SRL | Remos

Deployment Guide



1. SYSTEM SETUP

- The RTMC will be the master and all site settings will be configured on this unit.
- Signal 1 will need its program changing from UltraLight Master to Slave.
- All other signals will be set to their relevant signal numbers.



The Remos heads are built on an UltraLight system

- Similar to a UTMC - the RTMC has all the site settings.

Remos Limitations

- Maximum of five phases.

Using the Times / VA button to change menu, the ⊕ and ⊖ buttons to cycle the value for each menu option then Enter once happy with selection.



Alter the timings for each phase

- When using ADS the green timings will need changing.
- Ensure you change your RED timings for your site requirements.

Alter the VA settings for each phase

- VA2 is the standard VA setting for both ADS and Remos control.

1. SYSTEM SETUP

VA3 Example
A pedestrian crossing setup.

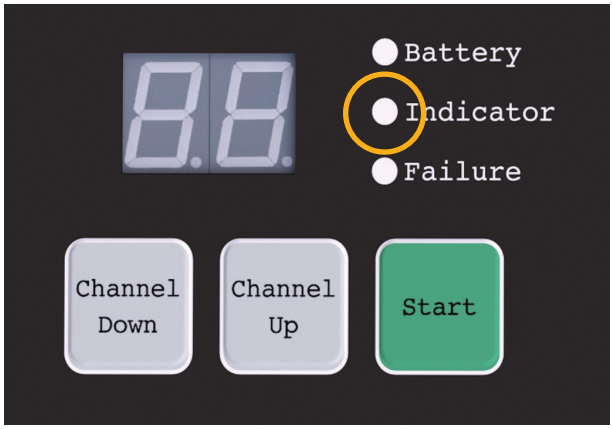
Phase 1 = Main Road	**VA3**
Phase 2 = Pedestrian Crossing	**VA2**

Junction

Phase 1	**VA2**
Phase 2	**VA2**
Phase 3	**VA2**

Radio Channel

- The channel is indicated on the display - all boxes on that system must be the same channel to connect and work. The indicator light will flash dependent on interference.
- Using any box other than the Master you can find a clear channel.
    - No indicator flashing = clear channel.
    - Indicator flashing = poor channel.



Best Practice
For optimal performance, use a channel scanning device

2. PRE SITE DEPLOYMENT TESTING

- Before a Remos system is deployed it is important that the site setup is completed at the depot with the Remos operatives contacted for a pre-test.
- The Remos operatives will check operation of all cameras and system control via the RTMC.

Control Room number - 01202 970 481

System Checking and Testing

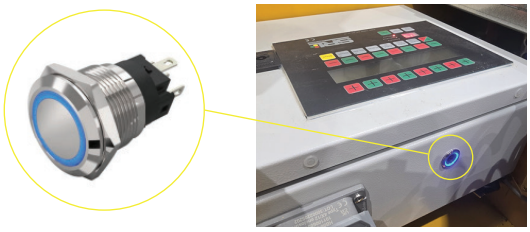
At this point the following SRL pre deployment check list can be completed and passed on the Remos operatives.

- Fleet numbers of the units going on site.
- The corresponding fleet number and its phase.
- The timings planned to be used for each phase.
    - This may change once on site, but this can be recommunicated to the Remos team.
- The timings and phase setup should be confirmed with Remos operator allocated to the job.
- Start the system as normal at the depot ensuring it works as expected.
- Contact the Remos operator and esnure they have visuals on each camera and are capable of full control via the RTMC unit.

Ensure the Remos power button is depressed for camera operation.

Visibility

- Illuminated LED when depressed. (camera encoder is receiving power)
- Deluminated LED when unactivated. (camera encoder is not receiving power)



3. SITE DEPLOYMENT

Before the signals are put into place -

- Set the RTMC unit into 'All Off' also known as 'Blackout'.
- This will allow the Remos operatives to have a visual on the cameras whilst the signals remain off.
- Press and hold 'Start' for 5 seconds to allow selection of 'All Off'.
- Press 'Enter' to save then start the system

Ensure a clear radio channel is selected to prevent interference.

RTMC should be positioned as centrally as possible, equidistant to the signals Otherwise your site set up is no different to standard portables.

Once the signals are in place and the Remos operatives are happy with the visuals, the site can now be set to control -

- Press and hold 'Start' for 5 seconds to allow selection of 'Control'.
- Press 'Enter' to save then start the system.

Make a final call to the Remos control room to confirm everything is working as it should be.

