



# TRAFFIC CONTROLLER

## FIXED



### Improvement changes to the Matrix Display handset & Matrix Display.

- The display colour has been inverted for better clarification in sun light conditions
- Font size has been increased from 5-dot to 7-dot reducing messages displayed from 5-lines to 4-lines
- Every 5 seconds you get an audible 2 beeps along with the Red power button Flashing White / beep to indicate a message is being displayed, Time scale default 5 secs, can be adjusted in 1 sec interval, based on user preference
- Turning off the unit has been made easier by pressing the  (power) button twice
- Handset display will now dim into night-mode when using the Grey wire connected to vehicle side lights, Default settings are 150 night-mode & 255 maximum



To enter 'settings mode' simultaneously press and hold the Enter Green  & the Down arrow button  for 3 seconds.

#### Original Display



#### Inverted Colour Display with LARGER Font

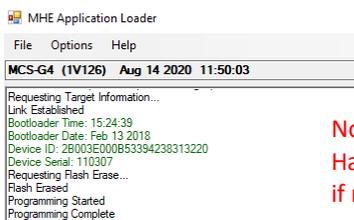
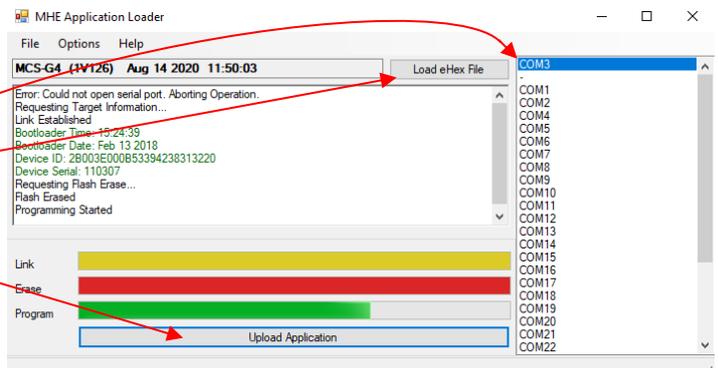


These changes can be implemented by updating both Handset and Matrix Display firmware in less than 15 minutes. Please contact RSG for further details, you will require a special 'Boot Programming – USB cable' ACC-404 to carry out this change.

### [Application Loader Software Link](#)

#### Handset & Matrix Display – Firmware update procedure.

- Save & Open 'MHE Application Loader' using link above.
- Save the latest .ehex firmware file onto your computer.
- Connect boot loader USB cable to both Laptop & Handset controller, this should indicate connection **COM3**
- Load .ehex firmware file onto the Loader pressing here.
- Upload Application pressing here.
- The status bars will indicate the programming process & will show complete when finished.



**Note: All power should be removed from the Handset for the Firmware update to be successful if necessary, remove any fuse to the unit.**

- Repeat the above procedure using the relevant .ehex firmware for your Fixed or Flip down Matrix Display.

## RSG ENGINEERING LTD.

19 Hollies Business Park, Hollies Park Road, Cannock, Staffordshire. WS11 1DB.

Tel: 01543 438800 Fax: 01543 438801 email: [people@rsg-ontop.com](mailto:people@rsg-ontop.com) web: [www.rsg-ontop.com](http://www.rsg-ontop.com)

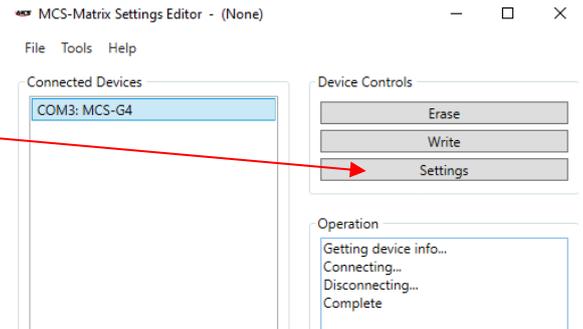
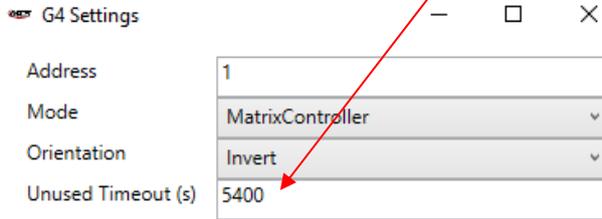
C:10540-B\_24-08-20



# Matrix Controller

## Changing Handset sleep mode timings

- Open 'Matrix Settings Editor' software and using standard USB cable connect to the Handset.
- Highlight the connected device and select 'Settings'.
- Ensure Mode shows 'MatrixController'.
- Change 'Unused Timeout (s)' from **60** to **5400** and press Apply.



## RSG ENGINEERING LTD.

19 Hollies Business Park, Hollies Park Road, Cannock, Staffordshire. WS11 1DB.

Tel: 01543 438800 Fax: 01543 438801 email: [people@rsg-ontop.com](mailto:people@rsg-ontop.com) web: [www.rsg-ontop.com](http://www.rsg-ontop.com)

C:10540-B\_24-08-20