INTRODUCING the
TRAFFIC COMMANDER

FEATURES

- **Operational Mode**: Flip Up, Flip Down & Fixed
  - Open/Close protection control
- **Character:** 6 in length
- **Interface**: CAN standard
- **Colour**: AMBER only
- **Dimming Feature**: Side-light connection 50% standard
- **Matrix Display Controller**: A large display controller + shroud allowing easy selection of fixed messages
- **Matrix Editing Software**: Customise messages (available to download on-line). **ACC-370** data cable (USB-A Male to USB-B Mini Male) required.

SPECIFICATIONS

Operating Voltage: 12-24v

Red/**Black** Flying leads for power supply, **Grey** for vehicle side light connection, <u>Fixed Display only</u> - **Orange** (negative switching) output that will be active when showing a message.

6-Pin Plugs Directly Into Matrix Display

GND - BLACK
+V - RED

Fixed Display Only
Message being displayed signal

TRAFFIC COMMANDER KIT

MES-KIT-D6C - Traffic Commander Display, 6-character, CAN Interface, **Flip Down**, with Display Controller, 5m Extension & Adapter
Easily configured to Flip-Up operational mode through Display Controller, no need for additional product codes

MES-KIT-F6C - Traffic Commander Display, 6-character, CAN Interface, **Fixed**, with Display Controller, 5m Extension & Adapter

MES-KIT-MDTD - Traffic Commander Display, 6-character, **Flip Down** Display Kit for Mobile Data Terminal (MDT)
MES-KIT-MDTF - Traffic Commander Display, 6-character, **Fixed** Display Kit for Mobile Data Terminal (MDT)

TRAFFIC COMMANDER – Replacement parts

MES-D6CA - Traffic Commander Display, Flip Down, 6-Charater, CAN, Amber
MES-F6CA - Traffic Commander Display, Fixed, 6-Character, CAN, Amber
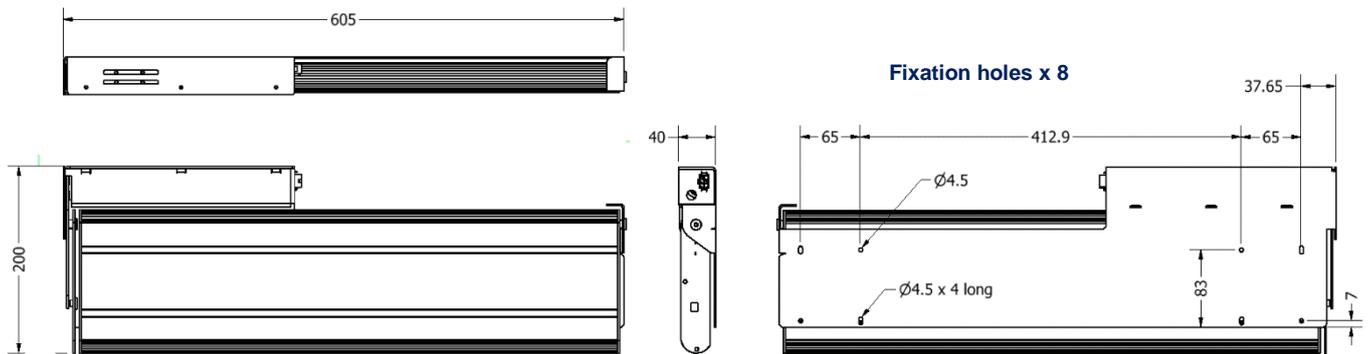**MES-MCS-G4-L** - Traffic Commander Controller (111w x 56h x 19d) + Shroud

19-1412 - Extension RJ12 cable 5 metre
19-1389 - MSC-CCE Adaptor female RJ-RJ
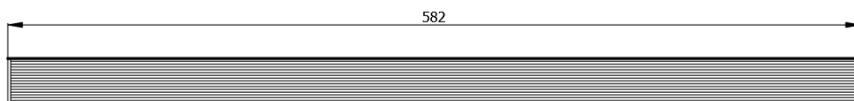**ACC-370** - Data cable - USB-A Male to USB-B Mini Male - 2m Lead
19-1517 - Matrix Display RS232 Adaptor for mobile data terminals (MDT)

Dimensions in closed position (mm):

605

Fixation holes x 8

37.65

40

65 | 412.9 | 65

Ø4.5

Ø4.5 x 4 long

200

83

7

Product approx. weight: 3 Kg (6.6 lb)

Fixed display version (mm):

582

17,8

6,5 | 67,2 | 43

31

6,2

153,1

Product approx. weight: 2.5 Kg (5.5 lb)

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TRAFFIC COMMANDER

TRAFFIC COMMANDER – Software-download click on link below.

MCS-Matrix Editor - Install.zip

ACC-370 – Data cable - USB-A Male to USB-B Mini Male - 2m Lead, also required.

1. Install the Traffic Commander Display software on a suitable Laptop, this will allow configuration within the vehicle without product removal.
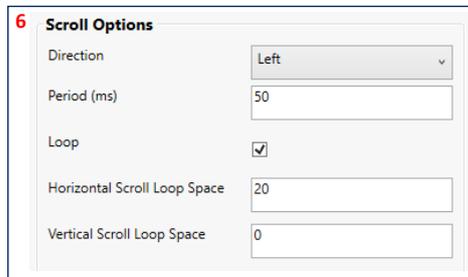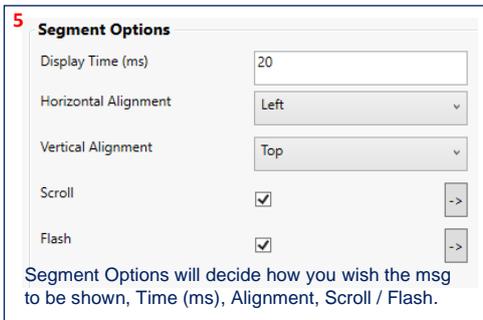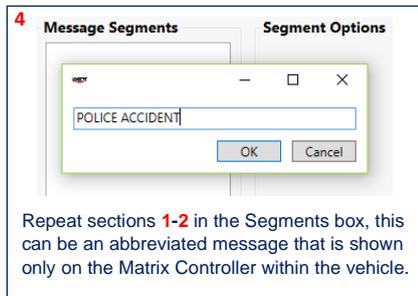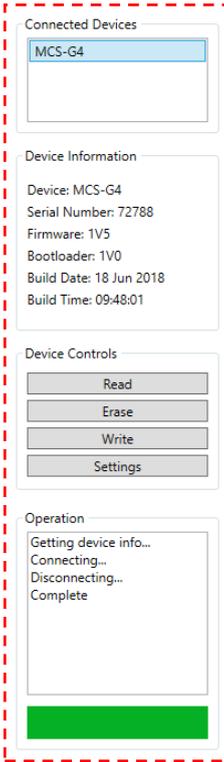2. Carefully remove the Top section of the Controller shroud, this will reveal the USB-B connection port.
3. Using the cable **ACC-370** supplied with software pack connect both Controller & PC.
4. Open software and select the device shown in 'Connected Devices' this will provide all build / serial data.
5. You can then create a new .mdc file within the software following procedures below.

ACC-370

Connected Devices
MCS-G4

Device Information
Device: MCS-G4
Serial Number: 72788
Firmware: 1V5
Bootloader: 1V0
Build Date: 18 Jun 2018
Build Time: 09:48:01

Device Controls
- Read
- Erase
- Write
- Settings

Operation
Getting device info...
Connecting...
Disconnecting...
Complete

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1 In the 1st empty 'Messages' box right click and 'Add'.

Messages
Add

2 In the pop-up box enter the message, as you wish to see on Matrix Display Controller i.e.: POLICE ACCIDENT

Messages
POLICE ACCIDENT
OK   Cancel

3 FASTEN SEATBELTS
POLICE ACCIDENT

Message Segments
Add

For each 'Messages' added you will then be required to add the appropriate 'Message Segments'

4 **Message Segments**   **Segment Options**
POLICE ACCIDENT
OK   Cancel

Repeat sections **1-2** in the Segments box, this can be an abbreviated message that is shown only on the Matrix Controller within the vehicle.

5 **Segment Options**

Display Time (ms)	20
Horizontal Alignment	Left
Vertical Alignment	Top
Scroll	☑ ->
Flash	☑ ->

Segment Options will decide how you wish the msg to be shown, Time (ms), Alignment, Scroll / Flash.

6 **Scroll Options**

Direction	Left
Period (ms)	50
Loop	☑
Horizontal Scroll Loop Space	20
Vertical Scroll Loop Space	0

7 **Flash Options**

ON Time (ms)	10
OFF Time (ms)	5

Device Controls
- Read
- Erase
- Write
- Settings

Operation
Connecting...
Erasing Flash...

Once you are happy with the 'Messages' select 'Write' this will connect to the device highlighted, erase current file and write the new format.

Status Bar

Process Complete when indicated with a solid Green Bar.

Operation
Connecting...
Erasing Flash...
Erase Done
Write Complete
Disconnecting...
Complete
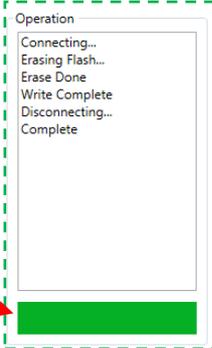
Traffic Commander TEXT Orientation.

The Traffic Commander comes as Flip-down as standard. The orientation of the Text for the unit attached to the G4 controller can be made following the instructions below. Press "Return (Green)" and "Down⬇" at the same time and hold, after 3 seconds the device will enter the settings screen.

Scroll down 1 for Matrix Display and press "Return (Green)". The standard Orientation will indicate "Down" to change setting "**Up**" press the "Return (Green)" button, this will prompt the down arrow as indicated.

Press "Down⬇" once to change to "Up" now press "Return (Green) to confirm. This setting makes immediate changes to the text orientation to the unit currently connected to the G4 controller, press "Red" button to exit. **Note:** this setting is stored on the Traffic Commander only and not the G4 controller.