RM-32B–RM-32C CONTROLLER TO RM-32D 4G CONTROLLER UPGRADE

This process can be done via the Data Sign Service Centres via our booking system - If location not suitable, a qualified auto electrical service provider can be used. Supporting documents will be required for warranty purposes.

This upgrade process utilises 'minimal' interference or removal of equipment and parts. With 'old' equipment, it is known that touching, removing and reinstating parts can result in 'other' things going wrong and having further issues to deal with. As this is outside our control, Data Signs does not accept responsibility for this.

CONNECT TO NEW AERIAL
CONNECT TO EXISTING AERIAL
Micro SD

Designed for

Data Signs DS-Live

RM-32D-BGA CONTROLLER

MICRO SD CARD REMOVAL:
Switch off controller by removing equipment fuse from fuse panel when inserting or removing Micro SD card.

TO REMOVE CONTROLLER:
1. Remove fuse from fuse panel, NOT the fuse fitted to this controller.
2. Pull out white 16 way connector.
3. Unplug ribbon cables and Aerial Plugs.
4. Swing up lock lever and push up controller.
5. Use reverse procedure to reinstall.

Serial number must be fitted here.

© 2022. Designed and manufactured by Data Signs Pty. Ltd
No user serviceable parts inside

RIBBON CABLES
Bottom Line...Top Line
STATUS LED

www.datasigns.com.au
LAB0014DT Issue 2

FUSE: Amber/VSLS = 15AMP, Colour = 20AMP
Note: To switch off this controller, use equipment fuse inside control box.

Please view this video as part of the document.

YouTube

Scan the QR code and select *"Removing & Replacing VMS Controller"* video.

Data Signs AUSTRALIA
Since 1976

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1300 850 785

CONTROLLER UPGRADE INSTRUCTIONS

⚠️ **1. BEFORE COMMENCING ANY WORK, remove ALL fuses from the batteries.**

2. Remove the LED panel next to the controller, **<u>carefully</u>** unplug all ribbon cables and connectors and the aerial connectors from the controller.
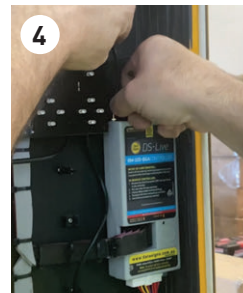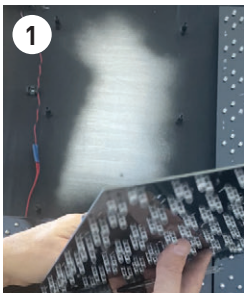
3. Remove the old controller.

   Take the SIM card out of the controller before it is discarded, this SIM card should be returned to your Telco to take it off the plan you are on as it is no longer needed.

NOTE:
Controller may look different depending on age.

FITTING NEW AERIAL   *Watch YouTube link Below for this process.*

1. Remove top left panel
2. Mark, drill, seal and fit aerial
3. Route aerial cable
4. Fit to controller
5. Put LED panel back.

SIM CARD

A Data Signs SIM card is supplied and fitted in the new RM32D controller for connection to the DS-Live programming platform and for communications support and diagnostics.

Hand back the old Sim card to your previous service provider for credit or discard.

Go through the complete upgrade procedure again ensure everything is as per instructions. Re-insert fuses to power up the new controller.

The sign when switched on will be connected to the DS-Live™ platform.
You can also use the AppVMS™ Mobile Phone App to control the sign.

RECOMMENDED REPLACEMENTS

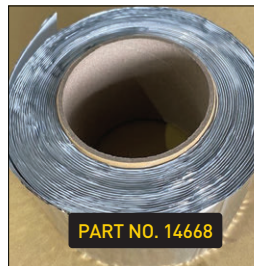If fan cover not fitted, replace fans and add cover. Fit new weather seal.

FAN REPLACEMENT

2 x PART NO. 14630

FAN COVERS

2 x PART NO. 12175

SIGN HEAD SEAL TAPE

PART NO. 14668

▶️ **YouTube**

Watch YouTube *"3G Controller Upgrade Process"* video for these optional items and fitting the optional Control Panel

Video times: Fan: 3:23 / Seal Installation: 11:19 / Removing and Replacing Control Panel: 12:54