

Rail Departures GEN2 Upgrade Kit

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WHAT'S INCLUDED

GEN2 controller board	x1
Display ribbon cable	x1
SD Micro USB adaptor	x1
Screw Terminal adaptor	x1

LED PANEL WARRANTY: Any panel with a severe defect will be replaced under warranty within 2 months from the delivery date. This does not include pixels very slightly glowing green. This is minor design error with all these panels and can not fixed. Each departure board has 4,128 pixels that is 12,384 separate LEDs, which are very fragile and can some times die. Each departure board is carefully tested three times for faulty pixels before packaging to ensure a fault free product is shipped. A panel with 3 or more faulty pixels will be replaced under warranty within the 2 month warranty period. Any faulty panels outside of warranty can be sourced from the following suppliers. [P3 LED Panel](#) | [P4 LED Panel](#)

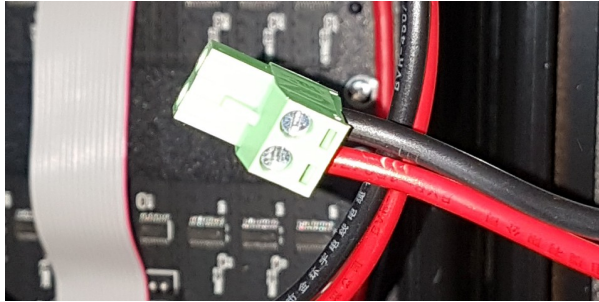
Warning: THIS IS A 5V DEVICE. DO NOT EXCEED THIS VOLTAGE.

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INSTALLATION

(Step1) Remove the old GEN1 controller board by gently removing it from the display connector / unscrewing the displays two power cables.

Screw on the screw terminal adaptor onto the display power cables. Take note which way round the red/black cables go! (reference the following image)



Warning: WIRING THE DISPLAY POWER CABLES THE WRONG WAY ROUND CAN DAMAGE THE DISPLAY MODULES.

(Step2) Plug the GEN2 controller board display ribbon cable into the module where the old GEN1 controller board was removed from.

(Step3) Plug the screw terminal adaptor into the GEN2 controller board. Checking the red wire lines up with the 5V and the black wire lines up with the 0v written on the pcb.

(Step4) Peel off the sticky backing from the GEN2 controller stand off's and mount the GEN2 controller into your departure boards frame. Take note from the following images of where to position the GEN2 controller. Click to open the image in a new window.

P3
[Image1.jpg](#)

P4
[Image1.jpg](#)
[Image2.jpg](#)
[Image3.jpg](#)
[Image4.jpg](#)

(Step5) Please refer to [this guide](#) for WiFi setup instructions.

Note: EARLY V1 BOARDS DID NOT COME WITH A FRAME, THE MODULE NEEDS TO BE ATTACHED TO THE RIGHT ANGLE BRACKET INSTEAD VIA 2 OF THE STICKY PADS.

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