



POWERRAIL

Owner's Manual

Thank you very much for choosing a dotRed product.

We hope that this unit will bring you countless hours of fun.

Keep this owner's manual handy for future reference.

The latest version of this manual is available for free download (PDF) on our website.

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Rev. E00

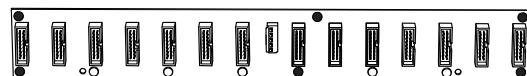
INCLUDED ITEMS

Make sure that the package contains the main unit and all the included items listed below.

Owner's Manual (this document)



"POWERRAIL" Bus Board



Dedicated wiring harness for "POWERBASE"



Note: If the "POWERRAIL" would be connected to power-supply unit except "POWERBASE", you should get other appropriate cable for that connection.

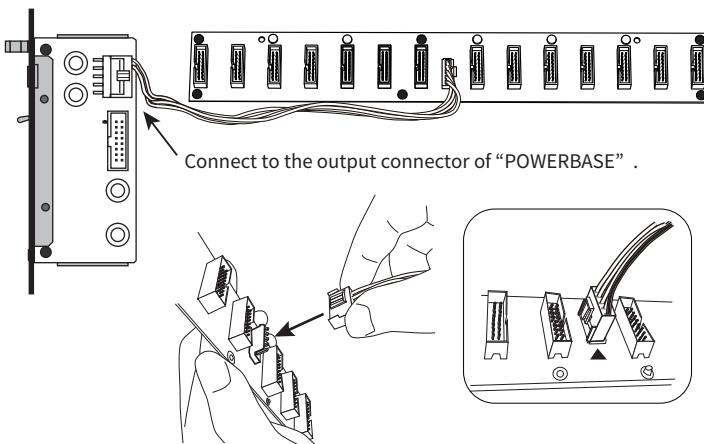
If you notice any sign of damage or abnormality, such as cracks, extreme bends, etc. upon unpacking this unit, contact the store where you bought it. You can also get in touch with us through the "Support" page of our website at:

<https://www.dotred-audio-designs.com>

USAGE EXAMPLE

1. Using with "POWERBASE" module.

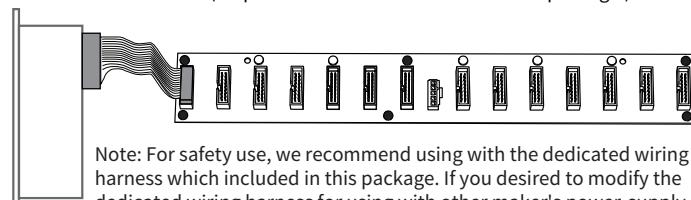
If the "POWERRAIL" would be used with "POWERBASE" module, you could connect these power terminals by the dedicated wiring harness to 5-pin connector of each PCBs.



Note: About 5-pin connector, you should put the plug into the socket until you could hear the click noise after fit the hook together.

2. Using with other maker's power-supply module.

If the "POWERRAIL" would be used with other maker's power-supply module, you should connect these power terminals by 16-pin ribbon cable to 16-pin header of each PCBs. (16-pin ribbon cable isn't included this package.)



Note: For safety use, we recommend using with the dedicated wiring harness which included in this package. If you desired to modify the dedicated wiring harness for using with other maker's power-supply module, we couldn't support its matters. So you have to do that with Your Own Risk.

Note: It allows to use without the electric-insulated cover when the "POWERRAIL" would be fixed to your case which has spacers for fixing the bus board. The electric-insulated cover riveted to POWERRAIL has six rivets. These rivets could be removed by pushing the edge of its rivet.

When the POWERRAIL would be used putting on the metal case directly, you must not remove the electric-insulated cover.

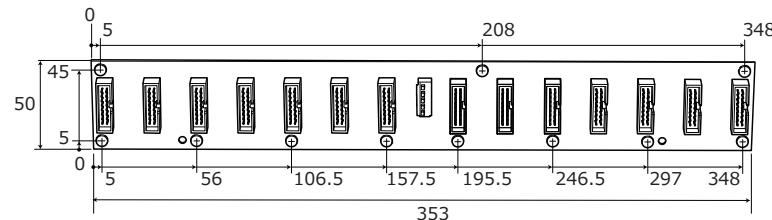
It should be a clearance of 3mm or above between the edge of soldering pins and metallic parts of your case when you desired to use the POWERRAIL without the electric-insulated cover.

Note: Refer to the size in a drawing below when you are going to fix the POWERRAIL by screws.

Unit is in milli-meter.

There might be causes of malfunction by bending the PCB when you made connection of between modules and bus board.

So we recommend the POWERRAIL is fixed by screws at all screw holes.



About the warranty:

The coverage of warranty couldn't clear, because we assumed that the POWERRAIL sometimes would be used with other maker's power-supply unit and/or case. So that, we don't cover the warranty except initial failure.