



Grounding Noise Reducer

INSTRUCTION MANUAL
Version 2.0

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Explanation of symbols used in this manual or on the rear of the device:



This symbol is intended to alert the user to the presence of uninsulated dangerous voltages within the enclosure of sufficient magnitude to cause electric shock.



This symbol is intended to alert the user to the presence of important operation, maintenance and servicing information in the instruction and service manuals.

Caution

- To reduce the risk of electric shock, do not remove the cover.
- No user serviceable parts inside.
- Refer servicing to qualified service personnel.
- Replace the mains fuse in the plug with one of the same type and rating.
- Disconnect supply cord before changing fuse.

Warning

To reduce the risk of fire or electric shock, do not expose this device to rain or moisture. Shock hazard - do not open.



This product is designed to comply with international directives on the Restriction of Hazardous Substances in electronic equipment. The wheeled bin logo indicates compliance and that these products must be recycled or processed as according to these directives.

General Safety Instructions

All safety and operation instructions should be read carefully before the 250i is operated. Keep the Owners Manual in a safe place for future reference.

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use the device near water, for example near a bathtub, kitchen sink, in a wet basement, near a swimming pool, etc.
- Clean only with a dry cloth.
- Mounting to a wall or ceiling should be via a heavy-duty bracket or shelf designed for audio equipment use.
- The device should be situated away from heat sources such as radiators, stoves, or other appliances that produce excessive amounts of heat.
- DO NOT place the device directly onto carpeted surfaces.
- Avoid exposing the device to extremely high or low temperatures.
- The device should be connected to a mains power supply only of the type described in the operating instructions, and/or as marked on the rear of the unit.
- DO NOT defeat the safety earth of the grounding type mains plug, severe injury or death may result. If the provided plug does not fit into your outlet, contact your dealer or consult an electrician.
- The power cord should be routed so that it is not likely to be walked on or pinched by items placed on or against it.
- Unplug the device during lightning storms or when unused for long periods of time.
- DO NOT let objects or liquids fall into the device, expose the device to dripping or splashing or place a vessel containing liquid on top of the device.
- Keep this device out of reach of children.
- DO NOT operate the device with the cover removed.
- DO NOT bypass any fuse, replace only with the value and type specified.
- DO NOT attempt to repair the device. In the event of a problem, please contact your Perreux dealer.
- DO NOT operate this product in an explosive atmosphere.

An GNR is supplied with the following items

- ✓ GNR Carry box
- ✓ Grounding Noise Reducer
- ✓ Grounding cable (RCA, Space as standard)
- ✓ Power Cable

Placement

Your GNR should generally be placed close to your system rack with all the audio equipments, to keep the grounding cable closer for connect to.

Please connecting GNR directly to a wall socket, any kind of power conditioner may cause GNR work improperly.

Telos DO NOT suggest you to use any kind of power conditioning equipment as the power source for GNR.

Instruction

1. connect the power to GNR
2. connect the grounding cable spade connector to GNR
3. connect the grounding cable RCA connector to your audio equipment

Note

The grounding signal from your equipment could be with RCA, mini spade(screw from the case), HDMI, XLR, or any possible connectors from your machine, please contact your local dealer for the connector that fit your equipment.

Warning

DO NOT connect any GNR signal to any speaker's connector or power amplifier's output signal.

Grounding Connector

6 x WBT-0703 CU Nextgen Pole Terminal - Gold Plated

Powerinput

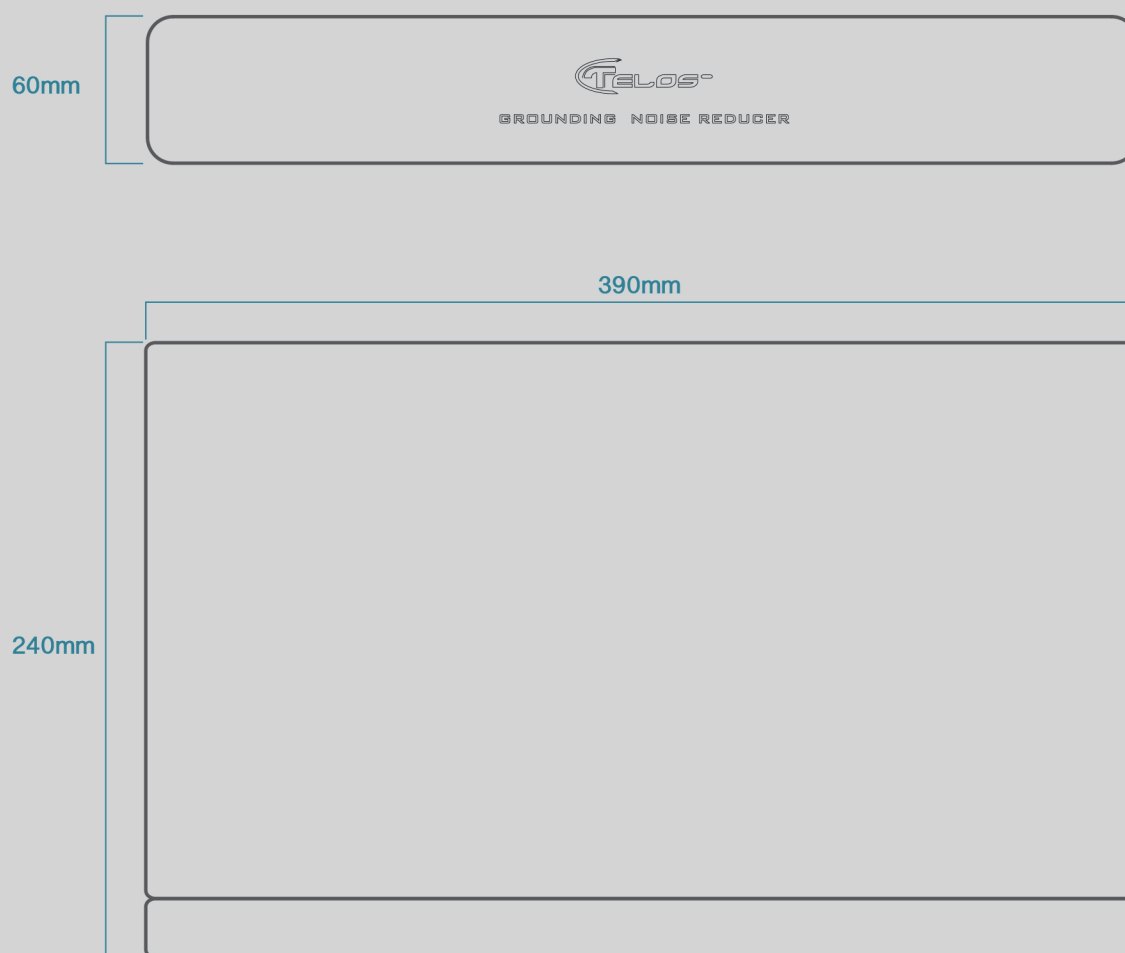
100-120V or 200-240V

Dimension

390mmx240mmx60mm

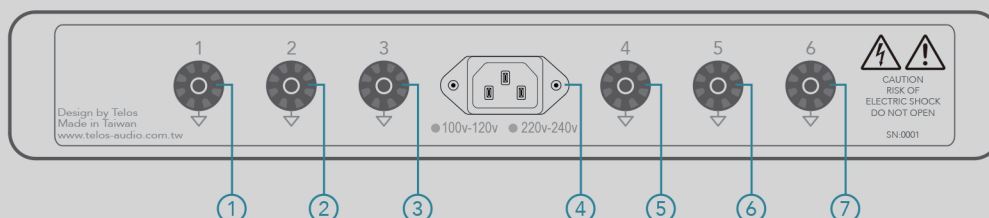
Weight

7.5kg



Connecting-Real panel

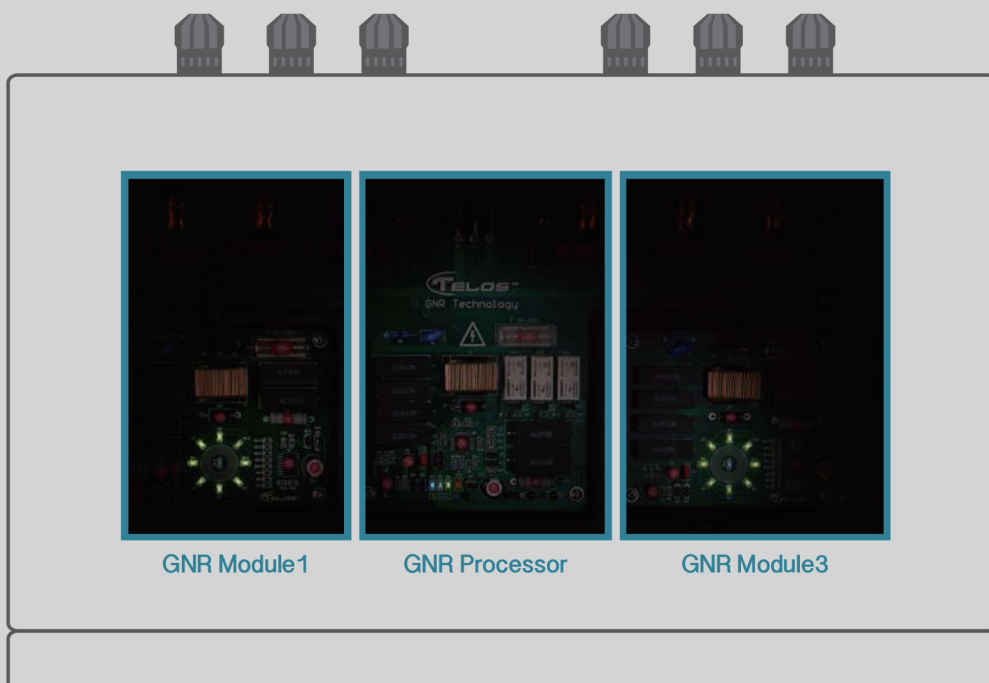
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①②③⑤⑥⑦ Grounding connector

④ AC power input

Top View



Front panel



Instructions

Normally we suggest 1 or 2 GNR, base on your desire for quality improvement.
Here is an application when you use GNR on your system.

you can see three grounding connectors on the left and three on the right
The connectors are used to be connect to your Ground signal from your device case, or from your any input or output connectors.

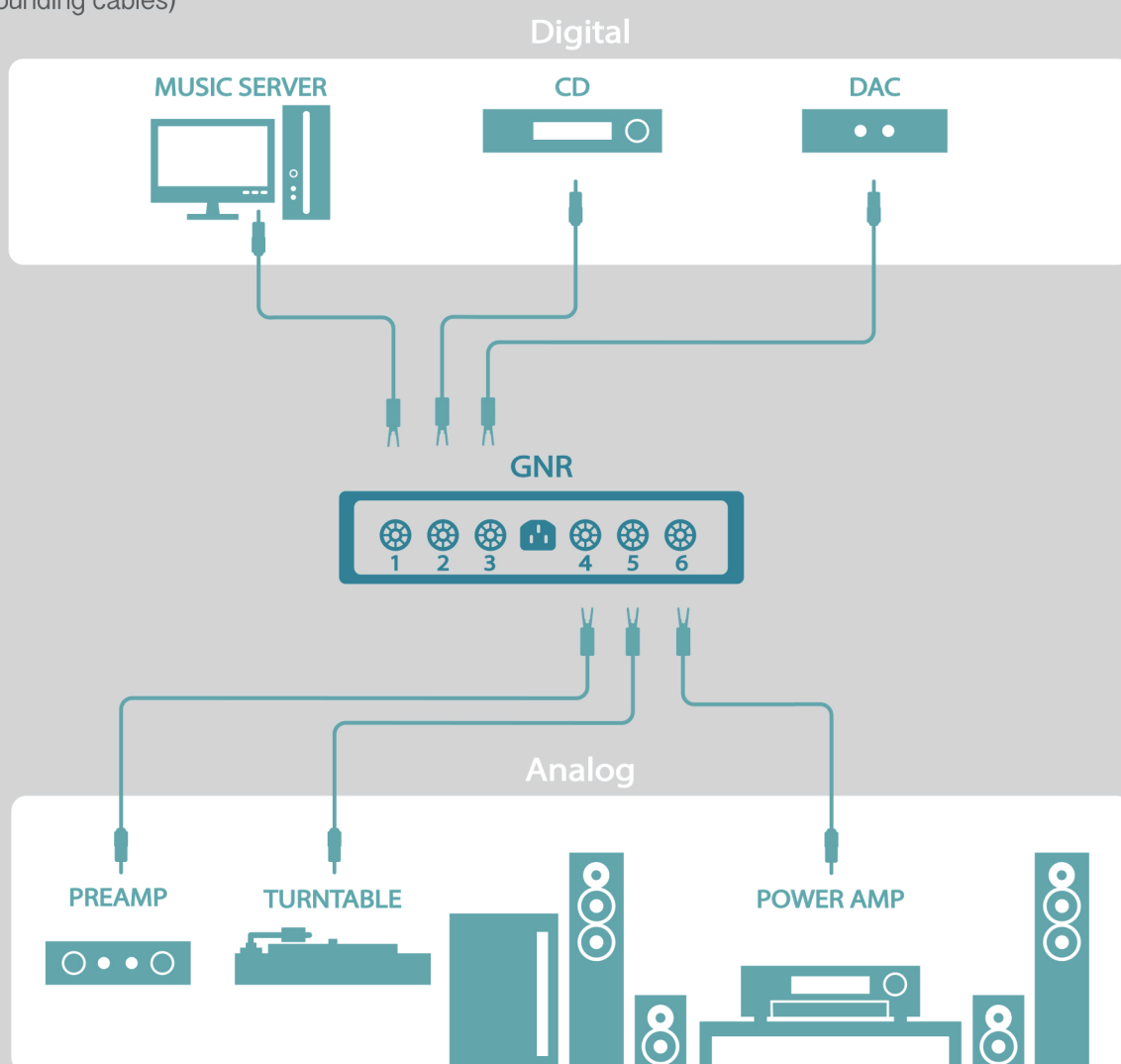
There's two separate processing units for GNR
so you may use one side for Digital equipment, and another side for Analog.
Or you can simply use two GNRs to separate digital and analog equipments.

Digital:

1. Music Server: any digital port (USB, RJ45 or HDMI...etc) and one mini spade(a crew on your case) to connector 2 (2 grounding cables)
2. CD player: RCA/XLR input/output x2 and one mini spade(a crew on your case) to connector 1 (3 grounding cables)
3. DAC: AES/EBU or Coaxial and one mini spade(a crew on your case) to connector 3 (2 grounding cables)

Analog:

4. Preamp: RCA/XLR input/output x2 and one mini spade(a crew on your case) to connector 4 (3 grounding cables)
5. Power AMP: RCA/XLR input/output x2 and one mini spade(a crew on your case) to connector 5 (2 grounding cables)
6. Power AMP: RCA/XLR input/output x2 and one mini spade(a crew on your case) to connector 6 (2 grounding cables)



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