SFORZATO MC-RJ45P
User's Manual

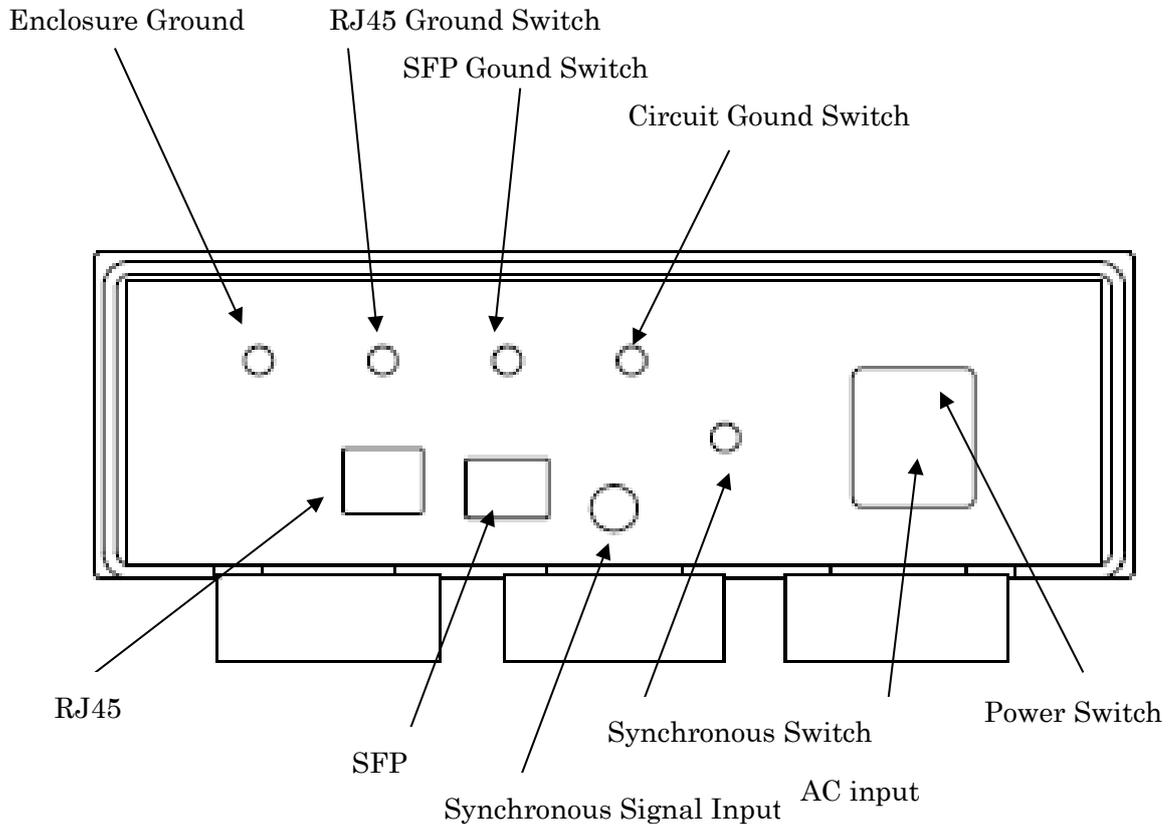Ver. 051325

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1. Rear panel connectors

MC-RJ45P Rear side

Enclosure Ground   RJ45 Ground Switch

SFP Gound Switch

Circuit Gound Switch

RJ45

SFP

Synchronous Switch

Synchronous Signal Input   AC input

Power Switch

Role of each terminal

１）Enclosure Ground

This terminal is electrically connected to the enclosure. This terminal is used to connect virtual grounding, etc.

２）RJ45, SFP, Circuit Ground Switch

These three switches are used to set whether the LAN cable shield, SFP module exterior, and media converter circuit ground are connected to the enclosure ground, respectively. The switches can be set to be in continuity with the enclosure when the switch is down and disconnected when the switch is up. The choice of conductivity or disconnection depends on the environment, so make your selection while listening to the sound. Switching during operation is not a problem, but if you want to switch while listening to music, please turn down the volume before switching.

3）RJ45 terminal

This terminal is for connecting a copper LAN cable.

4）SFP terminal

This terminal is used to connect SFP modules. 1G communication speed is supported. Some modules cannot be used due to compatibility, but most modules can be used regardless of manufacturer. However, please select a communication speed of 1G. Also, use the correct combination with optical fiber. Use multimode fiber for multimode modules and single mode fiber for single mode modules. The media converter or hub on the other end must also use a module of the same standard.

5）Synchronous signal input terminal

This is a synchronous signal input terminal for LAN synchronous communication in combination with a device to be released in the future. Do not connect to clocks from other manufacturers. In the worst case, it will break.。

6）AC input

2. Connection method
   ①　First, make sure that the power switch on the MC-RJ45P is OFF. The switch is located above the AC inlet.
   ② Connect the unit to a power outlet using the supplied AC cable.
   ③ Turn off the sync switch.
   ④ Connect the LAN cable to the RJ45 terminal and the module to be used to the SFP terminal. The board to which the LAN and SFP terminals are connected is not fixed to the chassis. This is to eliminate stress on the board for sound quality. The rattling is a specification.
   ⑤ Turn on the power.