Instruction Manual
for 6PSC 6-channel portable platform

Safety precautions

Caution

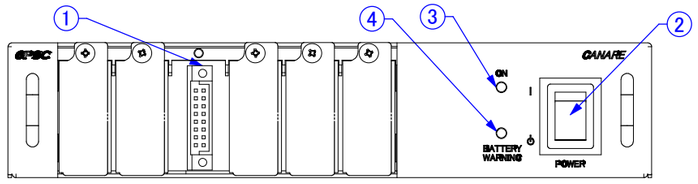
- Use the equipment only with the specified input power voltage.
  Using a voltage higher than specified may result in fire, electric shock,injury, or equipment failure.
- Do not disassemble or modify the equipment unless otherwise directed by the instruction manual.
  Failure to do so may result in fire, electric shock,injury, or equipment failure.
- Do not allow water or any foreign object into the equipment.
  Failure to do so may result in fire, electric shock,injury, or equipment failure.
- Do not use the equipment in areas of high humidity or dusty environments.
  Failure to do so may result in fire, electric shock,injury, or equipment failure.
- Do not block any ventilation openings.
  Failure to do so may result in fire, injury, or equipment failure.
- When the plug-in module is not in use, cover the empty space with a blank panel.
- Use only the DC power sources listed below.
  Lithium-ion battery pack : BP-GL95A (SONY)
  Power base station : EB-2 (IDX system technology inc.)
- Please inform your Canare dealer if the equipment breaks down, gets wet, has any foreign object, or operates in an abnormal manner.

Features

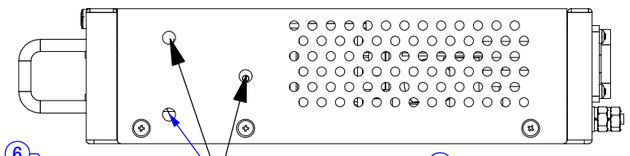
- Portable platform having 6 slots for Canare plug-in module installation.
- 6 slots equipped.
- Both AC and DC operation.
- Seamless switching between AC and DC operation.
- Low voltage warning in DC operation.
- Wide operating voltage range.(AC:100V-240V, DC:10V-18V)
- Hot swap available for a plug-in module insertion or extraction.
- Compact design (1RU height, half-rack)
- Rohs compliance.

Functions

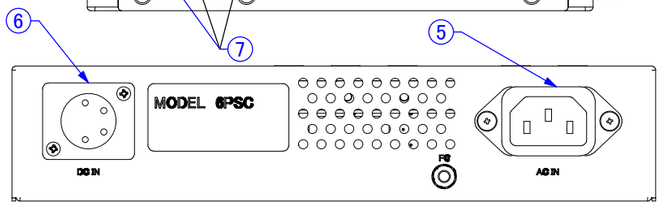
[Front panel]



[Side panel]



[Rear panel]



①Mounting slot	6 slots for plug-in module(Cover the open slot in which no plug-in module is mounted.)
②Power switch	Upper side: Power on Lower side: Standby
③Power LED	Lights on green : Power on Off: Standby
④Battery warning LED	Flashes red when DC IN voltage drops below approximately 12.5V.
⑤AC inlet	The inlet for connecting the AC cord. The supplied wire stopper prevents the AC cord from disconnecting.
⑥DC inlet	The inlet for connecting the DC cord. (Connector model number : XLR4-32-F77) (Pin No.1 : GND Pin No.4 : +V)
⑦Screw holes for M3	Depth max.5mm

Installation

Install the equipment horizontally as shown in Fig.1.
Do not install vertically.
Failure to do so may result in fire, injury,or equipment failure.

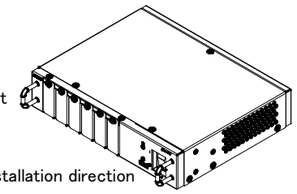


Fig.1 Installation direction

Operating

1. Remove the mounted brank panels(1) covering the mounting slots.
2. Insert the plug-in module into the mounting slot by grabbing hold of its captive screw, as shown in Fig.2.
3. Align the captive screw with the corresponding screw hole in the equipment, and tighten the screw securely with a Phillips-head screwdriver.
4. Connect the coaxial cable to the plug-in module's BNC connector.
5. Be sure to clean the ferrule tip of the plug and the interior of the plug-in module's adapter as shown in Fig.3. If the fiber-optic connector becomes dirty, light loss could increase, possibly degrading the light communication quality.
6. Connect the single-mode fiber-optic cable with a SC connector to the plug-in module's SC adapter by inserting the SC connector into the SC adapter until the white line on the SC connector's tip is hidden. A secure connection is confirmed by a clicking sound and tactile feedback. If no clicking sound is heard or no tactile feedback is felt, re-perform the connection. Imprecise connections may result in malfunctions such as unstable optical power and disconnection of the SC connector.
7. Connect the AC cord to AC inlet(5) or DC cord to DC inlet(6).
8. Set the power switch(2) to the ON position to supply the power to the plug-in module. Power LED(3) lights green.

※ When the battery warning LED (4) flashes red during DC power operation, replace the battery immediately.

※ Read the instruction manual for details on each of the plug-in modules.

Attaching the rubber feet

- Attach the rubber feet if the equipment is to be used without surrounding support. There are four areas on the base of equipment scored with three punch marks in the shape of triangles to indicate where they should be placed.
- Clean the area around the punch marks with alcohol to remove all soil and grease. Peel the protective paper from the rubber feet,and then press them firmly into place within the respective punch marks ,as shown in Fig.4.
- The rubber feet can be removed by hand once they have been attached.

DIN connector pin assignment

- DIN connecters for supplying the power are located at the back of the plug-in module mounting slot. Its pins are assigned as shown in Fig.5 ,when viewed from the front.
- Following table shows the pin assignment.

Pin No.	Name	Functions
a1, b1	GND	Electrical ground
a2, b2	DC +5V	DC+5V OUTPUT
a3～a8 b3～b8	NC	No connect

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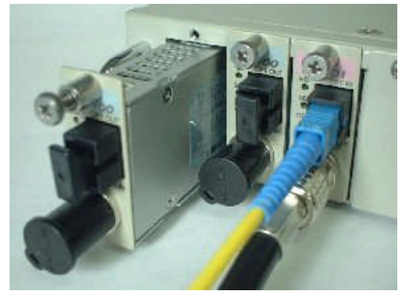

Fig.2 Plug-in module installation

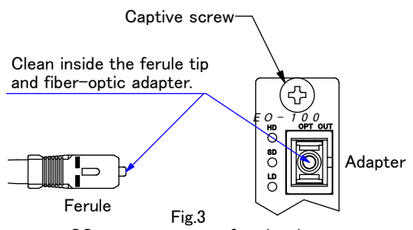

Fig.3
SC connector areas for cleaning

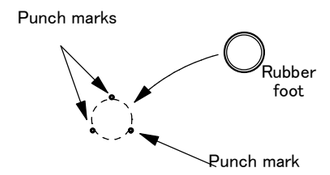

Fig.4
Rubber feet attachment method

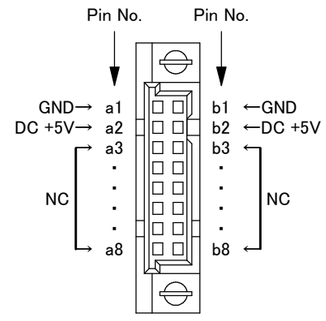

Fig.5 DIN connector pin assginment

Specifications

No. of plug-in module	Max. 6 units (Hot swappable)
Power source	AC 100V to 240V 50/60Hz DC 14.8V (Power is supplied from AC IN ,when AC IN and DC IN are connected.)
Power consumption	AC operetion Max. 4.5W DC operation Max. 2.2W (Excluding power consumption of plug-in module.)
Power output	Max. 12W
Operating temperature	−10℃ to 40℃(14° F to 104° F) (No condensation)
Storage temperature	−20℃ to 75℃(−4° F to 167° F) (No condensation)
Operating relative humidity	20% to 90%
Dimensions(W/H/D)	210×44×165 (mm) 8 1/4 x 1 3/4 x 6 1/2(inches) (Excluding protrusions)
Mass	Approx. 650g (1 lb. 7 oz.) (Excluding mass of plug-in module)
Accessories	・AC cord 1 ・Wire stopper preventing the AC cord from disconnecting 1 ・Rubber feet 4 ・Instruction manual(this document) 1

Canare Electric Co.,Ltd URL http://www.canare.co.jp