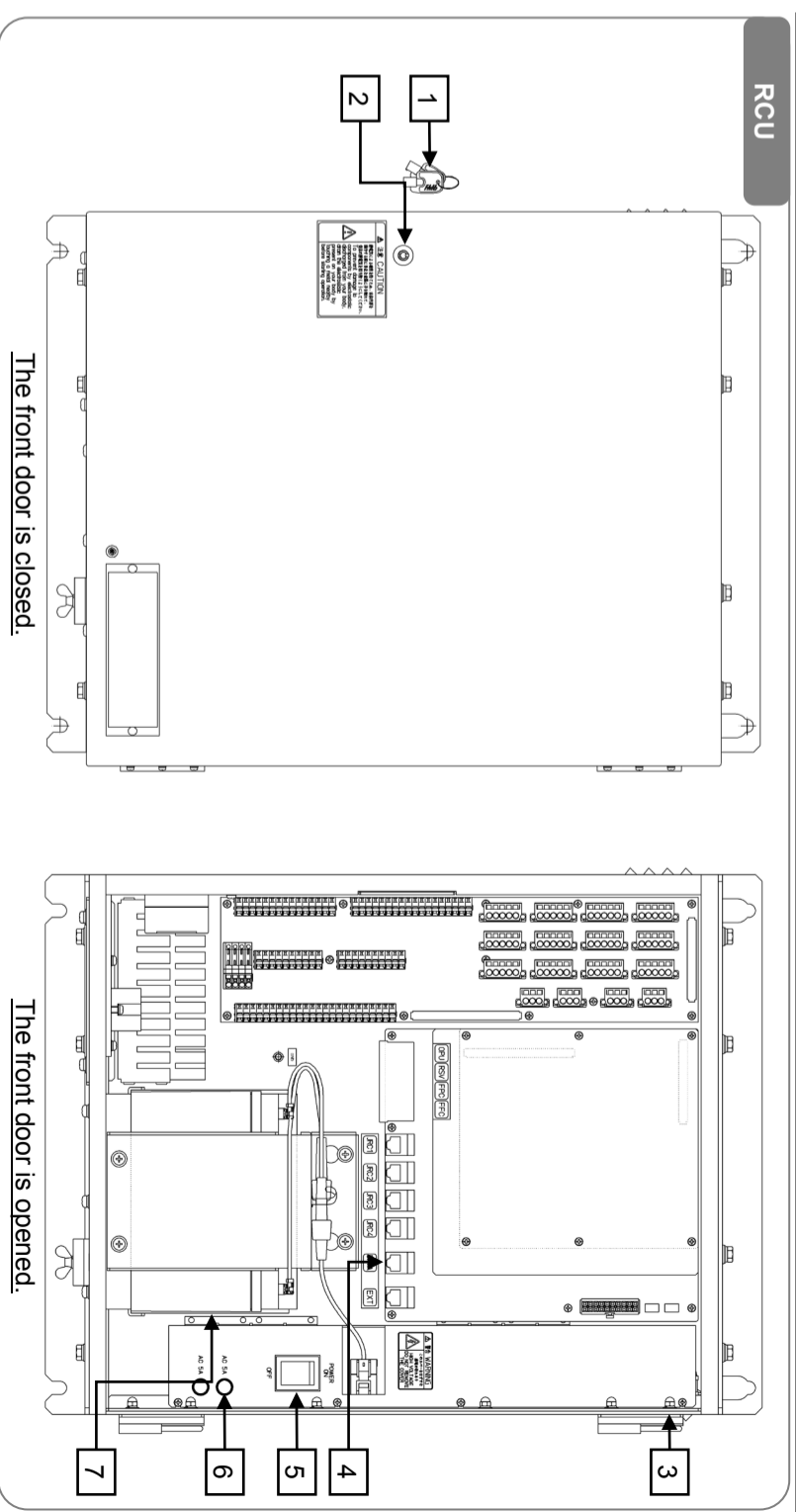


VDR JCY-1900 / S-VDR JCY-1950 Operation guide

1. Names and function



If the WARNING alert

- 1) Tap the [WARNING] button.
- 2) Check the contents of alert.
 - Cause: indicates the cause of alert.
 - Detected: indicates the date and time that the alert occurred.
 - Details: indicates the contents of alert.
 - Code: indicates the error code.
- 3) Tap the [ACK] button to acknowledge the occurred alert.
- 4) The [ACK] button is disabled and the alert sound disappears.
The alert state icon changes from to .

If the CAUTION alert

- 1) Tap the [CAUTION] button.
- 2) Check the contents of alert.
 - Cause: indicates the cause of alert.
 - Detected: indicates the date and time that the alert occurred.
 - Details: indicates the contents of alert.
 - Code: indicates the error code.

No.	Name	Function
1	Key	The key for the front door.
2	Keyhole	Insert the key.
3	Cooling fan	Two cooling fans are installed in the RCU.
4	DATA port	The accident investigator uses to retrieve the recorded data from the VDR.
5	POWER switch	This is the main power switch of the RCU.
6	Fuse	The glass fuse is mounted to protect the AC input power line. Current capacity: 5A / 250V
7	Battery	The battery becomes the backup power supply when an AC input power is lost.
8	Touch panel	Tapping the touch panel, can operate the VDR system.
9	Speaker	Sounds the alert sound and plays back the recorded conversation.
10	Rotary knob	The rotary knob can adjust the screen brightness. Furthermore, when touch panel failed, the OPU operate with the rotary knob.
11	HOME button	If you would like to return to HOME screen, push the HOME button.
12	USB port	If you would like to copy data from internal storage, plug a FAT32 formatted USB flash drive in this port

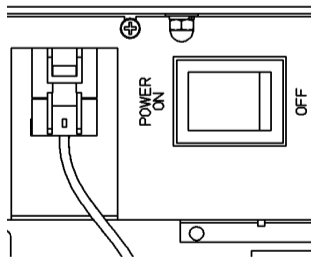


OPU

2. Starting the VDR / S-VDR

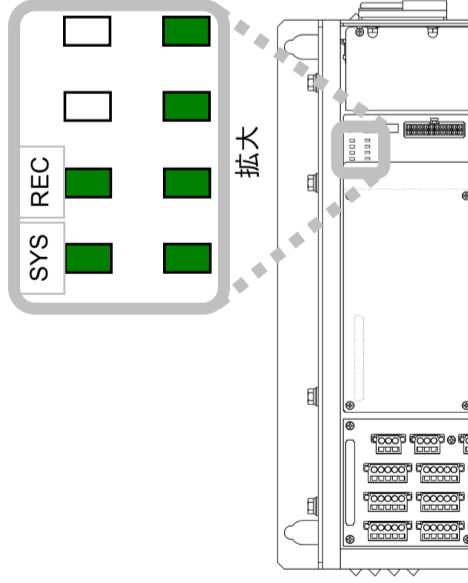
- 1) Unlock and open the front door.
- 2) Turn on the POWER switch.

POWER switch



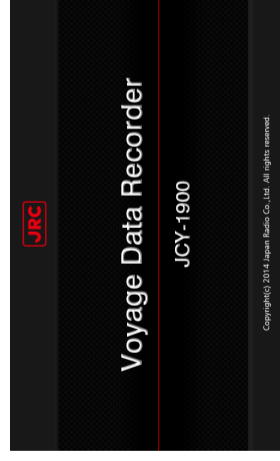
- 3) After approximately 2 minutes, make sure that the MCB's LED (SYS, REC) lights up in green.

LED position



- 4) The OPU starts up and displays the startup screen.

Startup screen

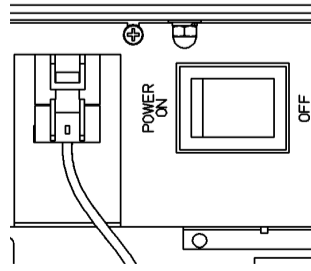


- 5) Close and lock the front door. Please keep the key carefully.

3. Stopping the VDR / S-VDR

- 1) Unlock and open the front door.
- 2) Turn off the POWER switch.

POWER switch



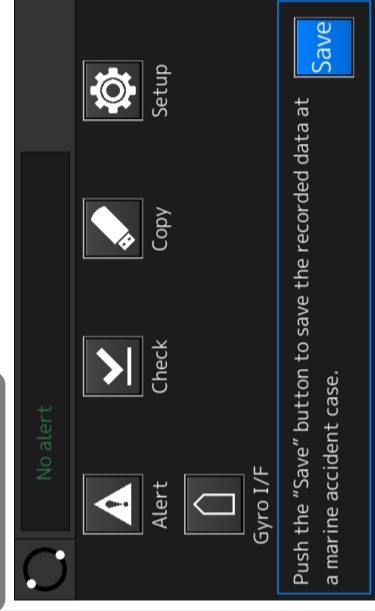
Do not stop the VDR / S-VDR, except the following case.

- during essential maintenance whilst the vessel is in port.
- when the vessel is laid-up.
- upon request by an investigation authority, for example after the vessel had been involved in a marine incident.

- 3) After approximately 1 minute, make sure that the MCB's LED goes out.
- 4) Check that the OPU's screen disappears.
- 5) Close and lock the front door.

4. HOME screen

HOME screen



Button	Function	Description
Alert	Checking the alert	Displays the ALERT screen. Takes actions the alert.
Check	Checking the recorded data	Displays the DATA CHECK screen. Checks the connected units to the VDR system.
Copy	Copying the recorded data	Displays the DATA COPY screen. Copies the recorded data to the USB flash drive.
Setup	System setup	Displays the SETUP screen. Checks the VDR system settings and information.
Gyro I/F	Initial setting of the heading angle	Displays the GYRO I/F screen. Sets the initial heading angle.

5. Operation guide when a maritime accident occurred

Preserving the recorded data

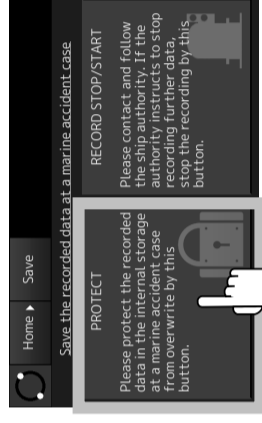
1)



When a maritime accident occurred, please secure the "Save area" as the recorded data can be preserved immediately. The "Save area" are three areas.

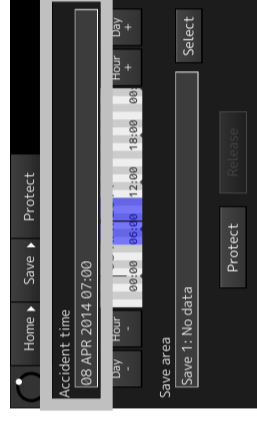
Tap the [Save] button in the HOME screen.

2)



Tap the [PROJECT] button in the "Save the recorded data at marine accident case" screen.

3)

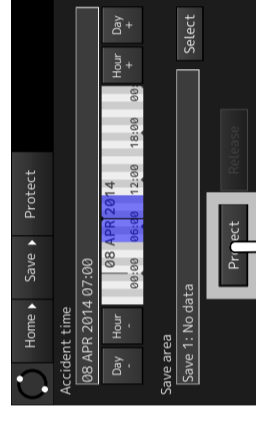


Check that the data and time of [Accident time] field in the DATA PROTECT screen is the current time.

[Information]

It is not usually necessary to change because the data and time is the current time.

4)



If the [Protect] button is tapped, the recorded data is preserved.