

How to turn the power on/off, How to start/stop recording

How to turn the power on then record the data

1. Open the DCU door with its key.
2. On the power control panel in the DCU, turn on the AC and BATTERY switches in that order. Confirm that the AC SUPPLY MAINS LED and BATTERY BACKUP LED on the power control panel light. Data is automatically recorded in the Fixed DRU*, Float-free DRU* and long term device.

*: Select one for VR-7000S.

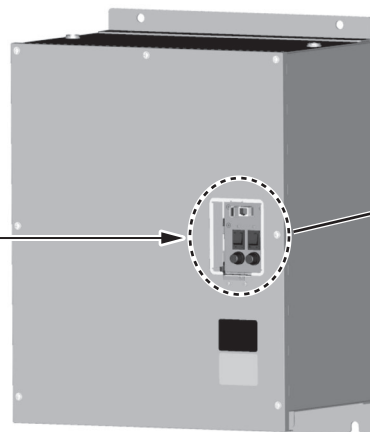
How to turn the power off then stop recording

Recording is terminated only under the following conditions:

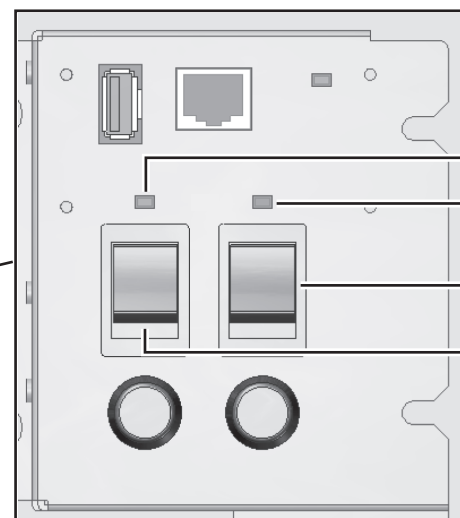
- During essential maintenance while the vessel is in port.
- When the vessel is laid-up.
- Turn off the BATTERY and AC switches in that order.

Note: Do not turn off the system from the main breaker while the BATTERY switch is on. If this is done, the system operates on the batteries. The system stops after running on batteries after two hours.

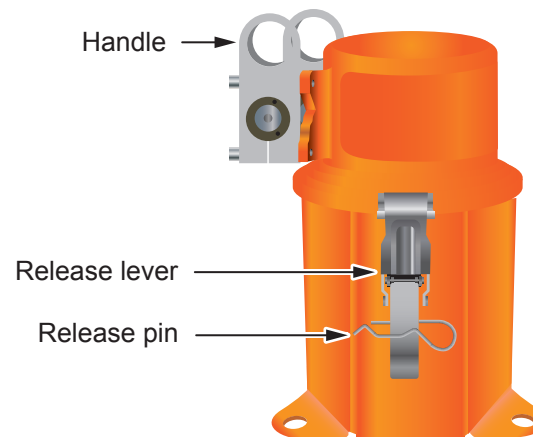
Note: Do not exert force on the opened DCU door. Force can damage the door.



Data Collecting Unit (DCU)

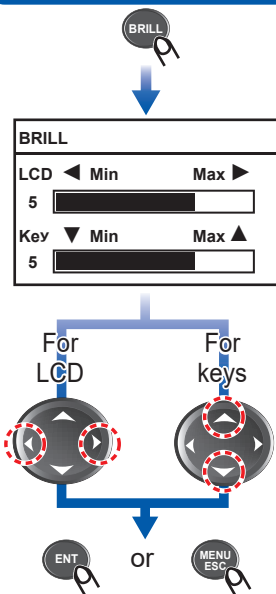


Power control panel

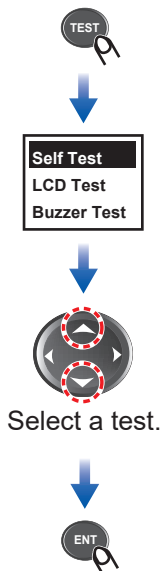


1. Turn off the BATTERY and AC switches in that order to turn off the DCU power.
2. Remove the release pin.
3. Lift the release lever.
4. Lift the handle to separate the top of the DRU from the bottom of the DRU.
5. Cut the cable connected between the top and bottom of the DRU.

How to adjust the brilliance of the LCD and keys



Self test



Alert list

The alert list provides information about active alerts.

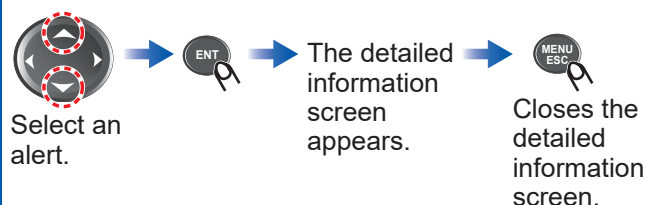
Alert List			
Alert ID	Alert Name	Time of last change	
3003	Lost LAN Ch8	15:24:37	
3003	Lost LAN Ch7	15:24:37	
3003	Lost LAN Ch6	15:24:37	
3003	Lost LAN Ch5	15:24:37	
3003	Lost LAN Ch4	15:24:37	

[MENU/ESC] : List [ENT] : Input ◀▶ : Page ▲▼ : Select

- Stops the flashing of the alert list*.
- Silences the alert buzzer*.

*: Legacy mode only.

How to see the detailed information for an alert



Main menu overview

Execute SAVE Function
Serial Monitor
Sensor(LAN) Monitor
Analog Monitor
Digital Monitor
Image Capture Status
Audio Monitor
Life Parts List
Status Monitor
Settings



*: Execute SAVE function for recorded data

If marine incidents occur, record the data to area1 (or 2, 3, 4) in the long term device(s).

How to extract the recorded data to the external media

Note: Extract the data when the ship is stopped. Vibration, pitching, rolling, etc. can prevent smooth extraction.

1. Open the DCU door with its key, then insert a USB flash memory.
2. Press the **Extract** key.

Only for VR-7000S

Source Select	
Long Term Device	
Float DRU	
Area1 01/06/2016 17:20:30-01/06/2016 05:20:30 01	
Area2 03/06/2016 23:10:15-03/06/2016 11:10:15 01	
Area3 07/06/2016 19:30:50-07/06/2016 07:30:50 01	
Area4 10/06/2016 10:40:20-09/06/2016 22:40:20 01	

3. Use the cursorpad to select the data source, then press the **ENT** key.

Extract Mode Select	
Target Date and Time Specify	
Extract Period Select	

4. Use the cursorpad to select the extraction method, then press the **ENT** key.
5. Do the following procedure according to the method selected at step 4.

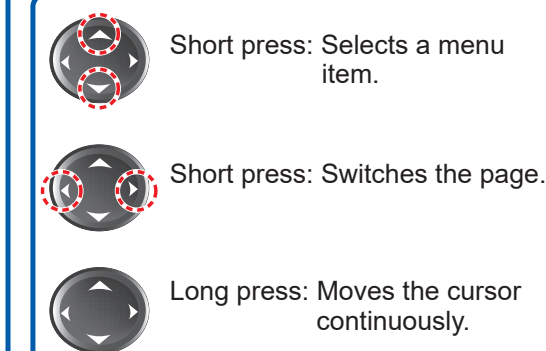
[Target Date and Time Specify] is selected [Extract Period Select] is selected
Specify the date and time for the data to be extracted. Set the extraction time.

Target Date and Time Specify	Target Date and Time Specify	Period Select
▲ 16 / 04 / 2019 15 : 20 ▼ DD MM YYYY hh mm	▲ Range: +- 1 hour ▼ (1~6) hour	▲ 1 hour ▼ (1~12) hour

6. After setting the extraction time, the window that indicates the extraction data size and disk space appears. Press the **ENT** key to close the window, then select [Yes] to start extracting.

Extract Size/Disk Space	User Disk Format?
xxx, xxx, xxx, xxx byte/ xxx, xxx, xxx, xxx byte	Yes No

7. Confirm that "Extract Complete" message appears, then disconnect the USB flash memory and lock the DCU door.



- Confirms a selection.
- Silences the alert buzzer when there are unacknowledged alerts (Legacy mode only).

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