FURUNO

English

VOYAGE DATA RECORDER (VDR) / SIMPLIFIED VOYAGE DATA RECORDER (S-VDR)

Model VR-7000 / VR-7000S Operator's Guide

The purpose of this guide is to provide the basic operation for this equipment. For more detailed information, see the Operator's Manual.

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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.

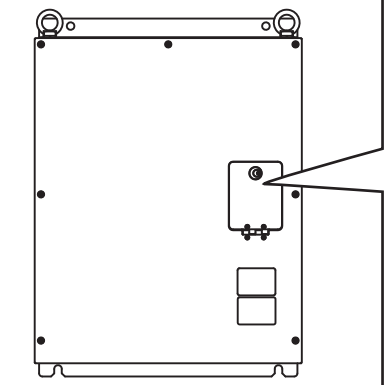
   *: Select one for VR-7000S.

How to turn the power off then stop recording

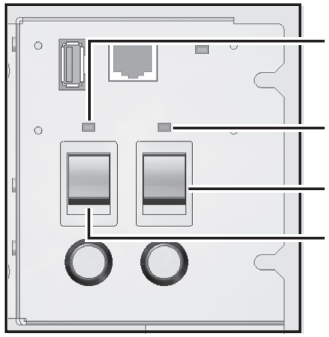
Recording is terminated only under the following conditions:
- During essential maintenance while the vessel is in port.
- When the vessel is laid-up.

• 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.



Data Collecting Unit (DCU)

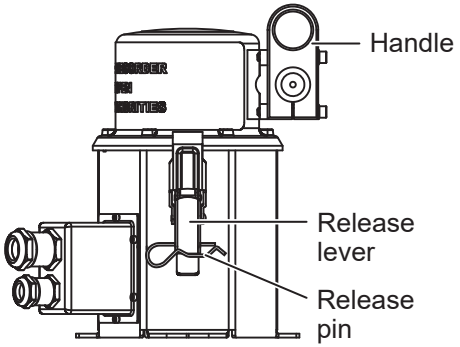


Note: Do not exert force on the opened DCU door. Force can damage the door.

How to release the Fixed DRU

For VR-7020

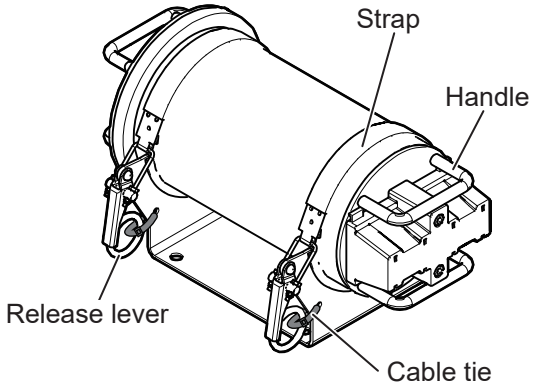
1. Turn off the BATTERY and AC switches in that order to turn off the DCU power.
2. Remove the release pin.
3. Lift the release lever.
4. Lift the handle to separate the top of the DRU from the bottom of the DRU.
5. Cut the cable connected between the top and bottom of the DRU.



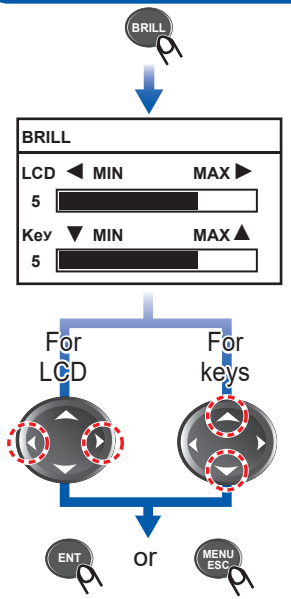
For VR-7023*

*: Non-compliant with the HK certification (As of May 2025).

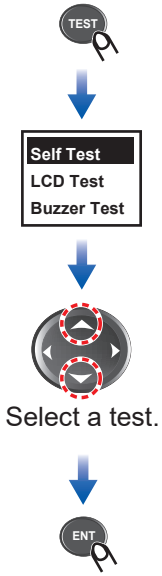
1. Turn off the BATTERY and AC switches in that order to turn off the DCU power.
2. Cut the cable connected to the DRU.
3. Cut the cable ties securing the release lever.
4. Put the levers to release the straps.
5. Lift the capsule away by the handles.

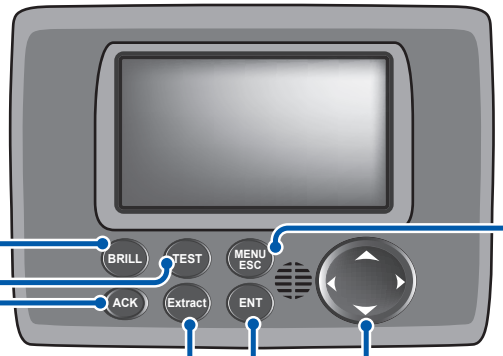


How to adjust the brilliance of the LCD and keys

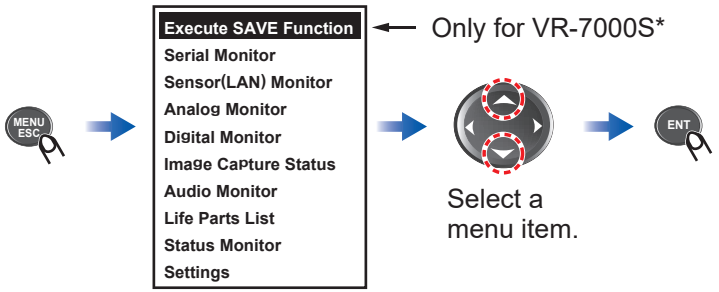


Self test





Main menu overview



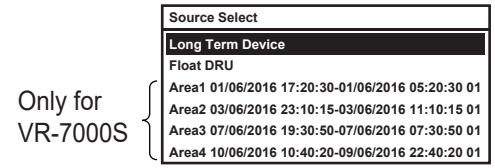
*: Execute SAVE function for recorded data

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

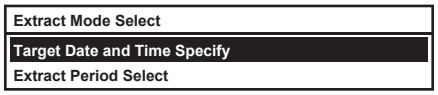
How to extract the recorded data to the external media

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.



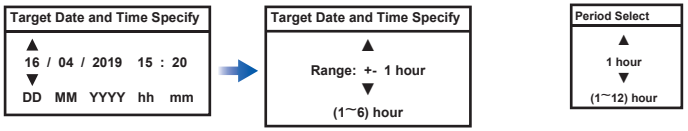
3. Use the cursorpad to select the data source, then press the **ENT** key.



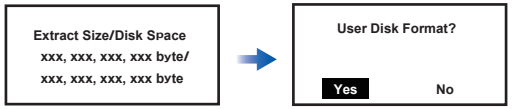
4. Use the cursorpad to select the extraction method, then press the **ENT** key.
5. Do the following procedure according to the method selected at step 4.

[Target Date and Time Specify] is selected
Specify the date and time for the data to be extracted.

[Extract Period Select] is selected
Set the extraction time.



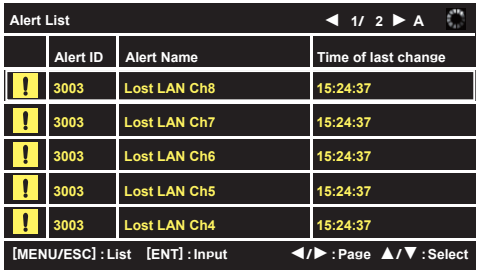
6. After setting the extraction time, the window that indicates the extraction data size and disk space appears. Press the **ENT** key to close the window, then select [Yes] to start extracting.



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

Alert list

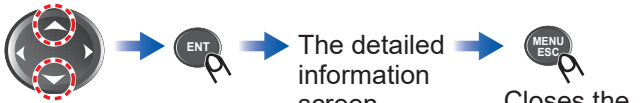
The alert list provides information about active alerts.



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

*: Legacy mode only.

How to see the detailed information for an alert




Short press: Selects a menu item.


Short press: Switches the page.


Long press: Moves the cursor continuously.


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

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