

Plug-In Modules Dedicated to LR8450 (-01) Memory HiLogger

Instruction Manual

EN

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U8550A960-01 20-02H



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Model names

Five different types of built-in modules are available for the LR8450 (-01).

| | |
|-------|-------------------------|
| U8550 | Voltage/Temp Unit |
| U8551 | Universal Unit |
| U8552 | Voltage/Temp Unit |
| U8553 | High Speed Voltage Unit |
| U8554 | Strain Unit |

Introduction

Thank you for choosing the U8550/U8551/U8552/U8553/U8554, built-in modules dedicated to Hioki LR8450/LR8450-01 Memory HiLogger. The built-in modules can be connected to the LR8450/LR8450-01. For information, such as operating precautions and safety, see LR8450 Quick Start Manual.

Safety notations

This manual classifies seriousness of risks and hazard levels as described below.

| | |
|------------------|---|
| WARNING | Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury to the operator. |
| IMPORTANT | Indicates information or content that is particularly important from the standpoint of operating or maintaining the device. |

Package Contents

- U8550 Voltage/Temp Unit
- U8551 Universal Unit
- U8552 Voltage/Temp Unit
- U8553 High Speed Voltage Unit
- U8554 Strain Unit any one of them
- Screw M3×35 mm (spare)..... 2
- Connection confirmation label (U8554 only) 1
- Instruction Manual (this manual) 1

Connecting the Module to the Instrument

Connect the built-in module to the instrument (LR8450/LR8450-01).
You can connect up to four modules to one LR8450 (-01).

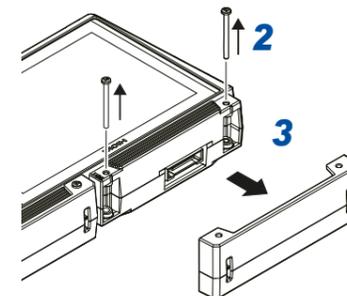
WARNING

- Turn off the instrument and disconnect any cables before connecting or removing any plug-in modules.
- ❗ ■ When not using a plug-in module slot, secure the connector cover over the instrument's module connector with the screws.

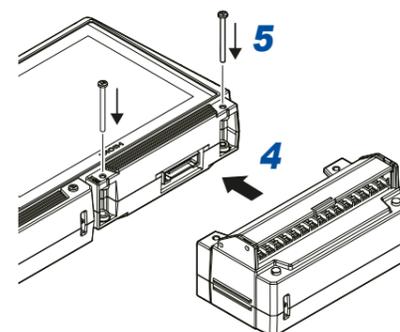
Failure to do so could cause electric shock or damage the plug-in module and the LR8450 (-01).

You will need: A Phillip's head screwdriver (No. 2)

- 1** Turn off the LR8450 (-01) and disconnect the AC Adapter.
- 2** Remove the two screws from the connector cover of the LR8450 (-01).
- 3** Remove the connector cover.
Store the connector cover removed from the LR8450 (-01) for future use.

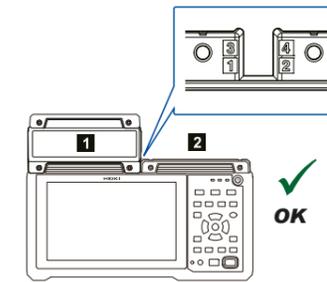


- 4** Connect the plug-in module to the connector on the LR8450 (-01).
- 5** Insert and tighten the two screws removed in step 2.



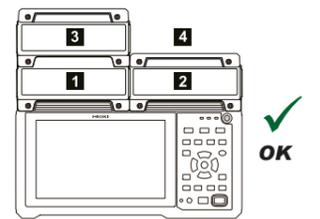
If installing multiple plug-in modules on the LR8450 (-01), do so in the order indicated in the diagram below.
Do not remove the connector covers for any plug-in module slots not in use.

When connecting 1 plug-in module



Connect the module to slot 1 or 2.

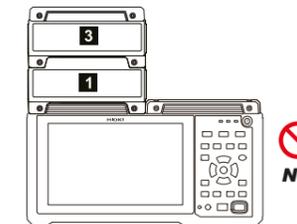
When connecting 3 plug-in modules



Connect the modules to slots 1, 2, and 3 or slots 1, 2, and 4.

Connecting plug-in units as shown below will cause an error to be displayed on the screen.

When connecting 2 or more plug-in modules on one side



When connecting 5 or more plug-in modules



IMPORTANT

Plug-in modules ship with two spare screws (M3 × 35 mm). Exercise care not to lose them.