

Plug-In Modules Dedicated to LR8101, LR8102 Data Logger

Instruction Manual

EN

Model names

LR8101, LR8102.

Introduction

Hioki's website.

Safety notations

as described below.

WARNING

Package Contents

☐ M7100 Voltage/Temp Module (15 channels)

M7102 Voltage/Temp Module (30 channels)

M7100 M7102

Two different types of plug-in modules are available for the

Thank you for choosing the plug-in modules dedicated to

For information, such as operating precautions and safety,

be connected to the LR8101, LR8102.

Latest instruction manual

see LR8101, LR8102 Instruction Manual.

The contents of this manual are subject to

change, for example as a result of product

improvements or changes to specifications.

The latest edition can be downloaded from

https://www.hioki.com/global/support/download

This manual classifies seriousness of risks and hazard levels

Indicates a potentially hazardous situation

that, if not avoided, could result in death of

or serious injury to the operator.

...... Any one of them

☐ Instruction Manual (this manual) 1

Hioki LR8101, LR8102 Data Logger. The plug-in modules can

M7100 Voltage/Temp Module (15 channels)

M7102 Voltage/Temp Module (30 channels)

Dec. 2023 Edition 1 M7100A960-00

HIOKI www.hioki.com/



All regional

HIOKI E.E. CORPORATION

81 Koizumi, Ueda, Nagano 386-1192 Japan Edited and published by HIOKI E.E. CORPORATION

2309 EN Printed in Japan

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•EU declaration of conformity can be downloaded from our website.

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Warranty Certificate

HIOKI

| Model | Serial number | Warranty period Three (3) years from date of purchase (/ |
|----------------|---------------|---|
| Customer name: | | |

Complete the certificate with the model number, serial number, and date of purchase, along with your name and address. The personal information you provide on this form will only be used to provide repair service and informati

This document certifies that the product has been inspected and verified to conform to Hioki's standards. Please contact the place of purchase in the event of a malfunction and provide this document, in which case Hioki will

- The product is guaranteed to operate properly during the warranty period (three [3] years from the date of purchase If the date of purchase is unknown, the warranty period is defined as three (3) years from the date (month and year) of manufacture (as indicated by the first four digits of the serial number in YYMM format).

 2. If the product came with an AC adapter, the adapter is warrantied for one (1) year from the date of purchase.
- 3. The accuracy of measured values and other data generated by the product is guaranteed as described in the product
- specifications.

 A. In the event that the product or AC adapter malfunctions during its respective warranty period due to a defect of workmanship or materials, Hioki will repair or replace the product or AC adapter free of charge.

 5. The following malfunctions and issues are not covered by the warranty and as such are not subject to free repair or

- -1. Malfunctions or damage of consumables, parts with a defined service life, etc.
 -2. Malfunctions or damage of connectors, cables, etc.
- Additunctions or damage caused by shipment, dropping, relocation, etc., after purchase of the product
 Malfunctions or damage caused by sinappropriate handling that violates information found in the instruction manual or - The maintaining of a damage caused by inappropriate harding that varieties in maintaining that varieties in the maintaining that varieties
- recommended in the instruction manual
- -6. Malfunctions or damage caused by fire, storms or flooding, earthquakes, lightning, power anomalies (involving voltage, frequency, etc.), war or unrest, contamination with radiation, or other acts of God
 -7. Damage that is limited to the product's appearance (cosmetic blemishes, deformation of enclosure shape fading of color, etc.)
- -8. Other malfunctions or damage for which Hioki is not responsible
- The warranty will be considered invalidated in the following circumstances, in which case Hioki will be unable to perform service such as repair or calibration:
- -1. If the product has been repaired or modified by a company, entity, or individual other than Hiok
- -2. If the product has been embedded in another piece of equipment for use in a special application (aerospace, nuclear power, medical use, vehicle control, etc.) without Hioki's having received prior notice.

 If you experience a loss caused by use of the product and Hioki determines that it is responsible for the underlying issue,
- Hioki will provide compensation in an amount not to exceed the purchase price, with the following exception
- -1. Secondary damage arising from damage to a measured device or component that was caused by use of the product
 -2. Damage arising from measurement results provided by the product
 -3. Damage to a device other than the product that was sustained when connecting the device to the product
- . Higki reserves the right to decline to perform repair, calibration, or other service for products for which a certain amount

HIOKI E.E. CORPORATION

Connecting the Module to the Instrument

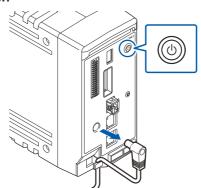
Connect the plug-in module to the instrument LR8101(LR8102). You can connect up to ten modules to one LR8101(LR8102).

WARNING

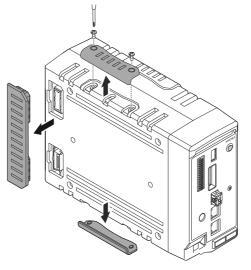
- When no measurement module is connected, do not remove the connector
- Doing so could cause the operator to experience an electric shock or damage the instrument and measurement modules.
 - Before connecting or disconnecting the measurement modules, turn OFF the instrument and remove the cables.
- Failure to do so could cause the operator to experience an electric shock or damage the instrument and measurement modules.

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

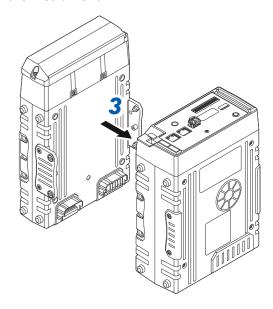
1 Turn OFF the instrument and remove the AC adapter.



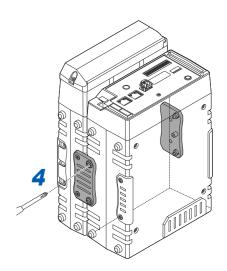
2 Remove the cover.



Connect a measurement module to the connector of the instrument.



Tighten the fall prevention screws. (4 locations) Tighten the screws at 0.6 N·m.



Reattach the cover removed in 2. Tighten the screws at 0.6 N·m.

