HIOKI

MODULES FOR MEMORY HiCORDERS

Instruction Manual

8966	ANALOG UNIT
8967	TEMP UNIT
8968	HIGH RESOLUTION UNIT
U8969	STRAIN UNIT
8970	FREQ UNIT
8971	CURRENT UNIT
8972	DC/RMS UNIT
8973	LOGIC UNIT
U8974	HIGH VOLTAGE UNIT[1]
U8975	4CH ANALOG UNIT[4]
U8976	HIGH SPEED ANALOG UNIT
U8977	3CH CURRENT UNIT[2,4]
U8978	4CH ANALOG UNIT[2,4]
U8979	CHARGE UNIT[2,3]
MR8990	DIGITAL VOLTMETER UNIT
U8991	DIGITAL VOLTMETER UNIT
U8793	ARBITRARY WAVEFORM GENERATOR UNIT[1,5]
MR8790	WAVEFORM GENERATOR UNIT[1]
MR8791	PULSE GENERATOR UNIT[1]
U8794	VIR GENERATOR UNIT

HIOKI

Latest instruction manual

The contents of this manual are subject to change, for example as a result of product improvements or changes to specifications.
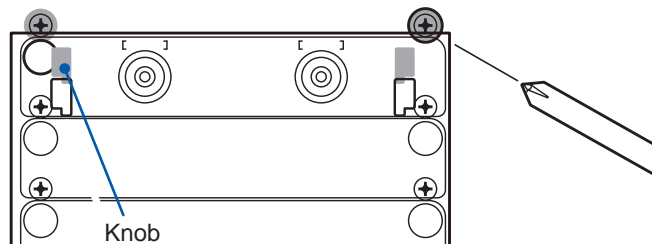The latest edition can be downloaded from Hioki's website.

If you wish to update the Memory HiCorder to use the U8793, MR8790, or MR8791, visit our website to download a corresponding file.

Thank you for purchasing the module designed for use with Hioki's Memory HiCorder. For more detailed information about operating precautions, module installation, and specifications, please see the instruction manual that came with the Memory HiCorder.

Installing the Modules

1 Remove the connection cords from all modules.

2 Turn off the instrument, and disconnect the power cord.

3 Remove the two fixing screws with a Phillips screwdriver (No. 2).

4 Pinch the two knobs and pull out the module.

5 Orient the module and insert it all the way into the instrument.

6 Tighten the two module mounting screws with the Phillips screwdriver.

Knob

Warrant Certificate HIOKI

Model	Serial number	Warranty period
		Three (3) years from date of purchase (___ / ___)

Customer name: _____
Customer address: _____

Important
· Please retain this warranty certificate. Duplicates cannot be reissued.
· 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 information about Hioki products and services.

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 repair or replace the product subject to the warranty terms described below.

Warranty terms
1. 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.
4. 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 replacement:
   -1. Malfunctions or damage of consumables, parts with a defined service life, etc.
   -2. Malfunctions or damage of connectors, cables, etc.
   -3. Malfunctions or damage caused by shipment, dropping, relocation, etc., after purchase of the product
   -4. Malfunctions or damage caused by inappropriate handling that violates information found in the instruction manual or on precautionary labeling on the product itself
   -5. Malfunctions or damage caused by a failure to perform maintenance or inspections as required by law or 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
6. 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 Hioki
   -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
7. 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 exceptions:
   -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 (including via network connections)
8. Hioki reserves the right to decline to perform repair, calibration, or other service for products for which a certain amount of time has passed since their manufacture, products whose parts have been discontinued, and products that cannot be repaired due to unforeseen circumstances.

HIOKI E.E. CORPORATION
p   18-07 EN-3

Memory HiCorders that support the modules

✓ :supported –: not supported

Modules \ Memory HiCorders	8847	MR8847-01 MR8847-02 MR8847-03	MR8847A (MR8847-51, MR8847-52, MR8847-53)	MR8740 MR8741	MR8827	MR6000 MR6000-01	MR8740T (MR8740-50)
8966	✓	✓	✓	✓	✓	✓	✓
8967	✓	✓	✓	✓	✓	✓	✓
8968	✓	✓	✓	✓	✓	✓	✓
U8969	✓	✓	✓	✓	✓	✓	✓
8970	✓	✓	✓	✓	✓	✓	✓
8971	✓	✓	✓	✓ (Cannot be used with MR8741)	✓	✓	✓
8972	✓	✓	✓	✓	✓	✓	✓
8973	✓	✓	✓	✓	✓	✓	✓
U8974	✓	✓	✓	✓	✓	✓	✓
U8975	–	–	✓	–	–	✓	✓
U8976	–	–	–	–	–	✓	–
U8977	–	–	✓	–	–	✓	✓
U8978	–	–	✓	–	–	✓	✓
U8979	–	–	✓	✓	✓	✓	✓
MR8990	–	–	✓	✓	✓	✓	✓
U8991	–	–	–	–	–	–	✓
U8793	–	–	✓	✓	✓	✓	✓
MR8790	–	–	✓	✓	✓	–	✓
MR8791	–	–	✓	✓	✓	–	✓
U8794	–	–	–	–	–	–	✓

Supporting firmware version

*1
8847, MR8847-01, MR8847-02, MR8847-03	Version 3.20 or latter
MR8740	Version 3.20 or latter
MR8741	Version 2.20 or latter
MR8827	Version 1.10 or latter

*2
MR6000, MR6000-01	Version 2.10 or latter
MR8740T	Version 2.00 or latter

*3
MR8827	Version 1.20 or latter
MR8847A	Version 1.10 or latter
MR8740	Version 3.30 or latter
MR8741	Version 2.30 or latter

*4
MR8847A	Version 2.00 or latter

*5
MR6000, MR6000-01	Version 3.50 or latter
MR8740T	Version 3.00 or latter