HIOKI

3856-01•3856-02

COMMUNICATION PACKAGE

INSTRUCTION MANUAL

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Introduction

Thank you for purchasing the HIOKI " 3856-01 COMMUNI-CATION PACKAGE (RS-232C)" "3856-02 COMMUNICA-TION PACKAGE (USB)." To obtain maximum performance from the product, please read this manual first, and keep it handy for future reference.

Trademarks

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Overview

- 3856-01•3856-02 is the software to do basic controls and measurements through PC. The software will also add to the instrument extra functions of long-term data recording and data printing.
- Installing the 3856-01•3856-02 will not affect the electronic characteristics, the specifications, the functions, and the operations of the instrument. After installing the software, it is able to use the instrument by itself or use it with PC through a communication port.
- For the instrument set up and operations, please refer to the following instruction manuals.
  7016 SIGNAL SOURCE
  3801-50, 3802-50 DIGITAL HiTESTER

Inspection

When you receive the product, inspect it carefully to ensure that no damage occurred during shipping. If damage is evident, or if it fails to operate according to the specifications, contact your dealer or Hioki representative.

Usage Notes

Before Using the software, please read these notes carefully.

- HIOKI E.E. CORPORATION is the author of 3856-01•3856-02.
- Except for the purposes of processing data from the 7016, 3801-50, 3802-50 copying, reproduction, or amendment in whole or in part of 3856-01•3856-02 is prohibited by law.
- For the purpose of product development, the 3856-01•3856-02 are subject to upgradeing without notice.
- To publish material referencing the 3856-01•3856-02, the prior consent of Hioki is required. The trade mark "HIOKI" may not be used.
- Hioki cannot accept any responsibility whatever for the results of a customers operation of the 3856-01•3856-02.

CD-R

- Always hold the disc by the edges, so as not to make fingerprints on the disc or scratch the printing.
- Never touch the recorded side of the disc. Do not place the disc directly on anything hard.
- Do not wet the disc with volatile alcohol or water, as there is a possibility of the label printing disappearing.
- To write on the disc label surface, use a spirit-based felt pen. Do not use a ball-point pen or hard-tipped pen, because there is a danger of scratching the surface and corrupting the data. Do not use adhesive labels.
- Do not expose the disc directly to the sun's rays, or keep it in conditions of high temperature or humidity, as there is a danger of warping, with consequent loss of data.
- To remove dirt, dust, or fingerprints from the disc, wipe with a dry cloth, or use a CD cleaner. Always wipe radially from the inside to the outside, and do no wipe with circular movements. Never use abrasives or solvent cleaners.
- Hioki shall not be held liable for any problems with a computer system that arises from the use of this CD-R, or for any problem related to the purchase of a Hioki product.

Specifications

General Specifications

Product	One CD-R
Options	Communication Cable (for the 3856-01 (RS-232C)) 1 (for the 3856-02 (USB)) 1 Instruction manual 1 User's License Agreement 1
Supported instrument	HIOKI 7016 SIGNAL SOURCE HIOKI 3801-50, 3802-50 DIGITAL HiTESTER
Minimum PC Requirement (Communication software for Model 7016)	• Windows98SE / Me / 2000 / XP operational system • Microsoft Internet Explorer 5.01 or later • Better than PII / 300 MHz • 40 MB hard disk space or more • 128 MB memory or more • Faster than X2 CD-ROM • One USB Port or more
Minimum PC Requirement (Communication software for Model 3801-50, 3802-50)	• Windows98 / Me / NT / 2000 / XP operational system • Microsoft Internet Explorer 5.01 or later • Better than PII / 300 MHz • 40 MB hard disk space or more • 128 MB memory or more • With CD-ROM • One USB Port or more
Features (Communication software for Model 7016)	• Manual or automatic recording • Maximum 65525 records • Record time interval: 00:00:01 to 24:00:00 • Saving *.xls data format • Output function control
Features (Communication software for Model 3801-50, 3802-50)	• Manual or automatic recording • Maximum 65525 records • Record time interval: 00:00:01 to 99:99:99 • Saving *.csv data format • Manual or programmable output control (Model 3801-50 only)

NOTE
For numerical settings, please adjust the settings on your PC so that the period [.] is used to represent the decimal point, and the comma [,] is used to separate groups of thousands.

Hardware Connection

Connect the 7016, 3801-50, 3802-50 with the personal computer by the optional connection cable. Confirm the direction of connector when fixing the cable to the holster.

Software Installation

USB Driver Installation

1. When using the 3856-02, install the USB driver.
   ①Connect the USB connector of the cable to an available USB port on the computer and the other end of the cable connects to the instrument (7016, 3801-50, 3802-50).

   (See the instruction manual for the details.)
   ②The computer will find the USB cable and show a massage to install the USB driver of the device.
   ③Insert the CD-ROM to a CD-ROM drive, then choose the path [\USB-Serial Cable driver] and click [OK] button to install the driver.
   ④The computer is added a virtual RS-232 COM port when completing all installation processes. Check the COM status from the Control Panel of the Windows OS.

Application Software Installation

1. When installing the software for Model 7016
   -1.Move to the CD-ROM drive in which the CD-R is inserted. And run [\7016\ENG\SETUP.EXE].
   -2.Run [Start]-[Program]-[PCLINK]-[HIOKI 3856].
   (See the help information when the detailed explanation of the operation is required)

2. When installing the software for Model 3801-50, 3802-50
   -1. Move to the CD-ROM drive in which the CD-R is inserted. And run [\3801-50_3802-50\SETUP.EXE].
   -2. Run [Start]-[Program]-[HIOKI]-[3801-50&3802-50 Software].
   (See the help information when the detailed explanation of the operation is required)

NOTE
- Set the 7016 communications settings to 9600 bps, 8 bits and no parity.
- Set up the 3801-50, 3802-50 as follows.
  Baud Rate: 9600, Parity Check: None, Data Length: 8 bit, Response: OFF, Data Output: OFF

Appended files

- 7016comu_E_00.pdf: 7016 REMOTE OPERATION MANUAL
- AdbeRdr70_enu_full.exe: Adobe Reader Ver7.0