



Part No. Z1-006-720, IB032602
Nov. 2017

Sequence Creation Software Setup Guide

SD027-PWR-01 Wavy for PWR-01

Ver 6.x

Thank you for purchasing the Sequence Creation Software SD027-PWR-01 Wavy for PWR-01.

SD027-PWR-01 Wavy for PWR-01 is a software application that enables you to create and execute the sequences on Kikusui PWR-01 series regulated DC power supplies via the connected PC.

- You can create and edit sequences easily by using a mouse.
- During sequence execution, the software indicates the point being executed.
- You can monitor the voltage and current, and save the monitored data to a file.
- The software displays the monitored data as a real-time monitor graph.

Package contents

The Wavy for PWR-01 package contains the following items.

- Program CD-ROM
- SD027-PWR-01 Wavy for PWR-01 Setup Guide (this guide)

Applicable version

This guide applies to version 6.x of SD027-PWR-01 Wavy for PWR-01. To find out the version of the Wavy, click on the Help menu and select About Wavy.

Wavy for PWR-01 applies to PWR-01 series with the firmware Ver. 1.0x and later. To Check the firmware version, see the PWR-01 series manual.

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SAFETY PRECAUTIONS

Before using Wavy, carefully read the PWR-01 series manual.

Be sure to connect and handle the device properly. Improper connections or handling may lead to serious accidents, injury, and fire.

SYSTEM REQUIREMENTS

- Core2 or higher
- Windows 10, Windows 8.1, or Windows 7
- 2 GB RAM (Minimum)
- 10 GB or more of free hard-disk space
- A display that supports 1024 x 768 or higher resolution (96 DPI)
- CD-ROM drive
- Mouse
- RS232C, USB, or LAN (depending on the interface to use)

If you intend to perform the sequence for a long duration of time, be sure to install sufficient RAM for better performance. It is recommended to install RAM larger than 4 GB.

VISA library needs to be installed on your PC

INSTALLATION

An administrator account is required for the following installation.

Installing the VISA library

To use Wavy, VISA library needs to be installed on your PC.

VISA (Virtual Instrument Software Architecture) library is a standard specification for measurement instrument connection software, which was developed by VXIplug&play Sytems Alliance. One of the following VISA libraries is required.

- NI-VISA by National Instruments (Ver.4.0 or later)
- Keysight VISA by Keysight Technologies (formerly Agilent Technologies) (Keysight IO Libraries Suite14.2 or later)
- KI-VISA Ver 5.1.2 or later

KI-VISA is an original VISA library developed by Kikusui Electronics Corporation, which supports IVI VISA 5.0 specification. You can download the latest version of this library through our website (<http://www.kikusui.co.jp/download/>).

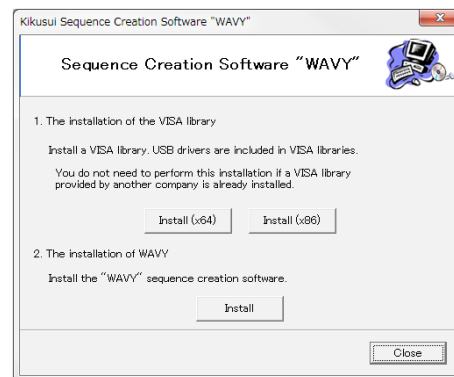
If NI-VISA or Keysight VISA is already installed on your PC, you do not need to install KI-VISA.

1 Insert the CD-ROM to your CD-ROM drive.

A setup window appears. Otherwise, double-click “AutoRun.exe” included in the CD-ROM.

2 Click Install under 1. The installation of the VISA library for using the USB or LAN.

Click Install (x64) for 64-bit OS or Install (x86) for 32-bit OS.



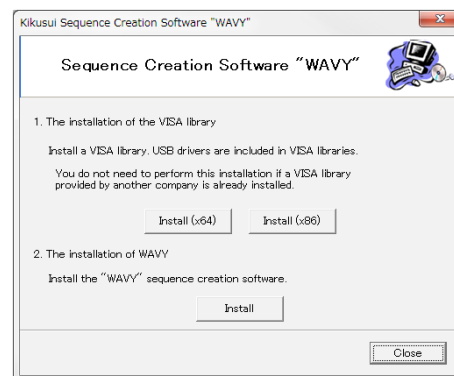
The VISA library installation initiates. In case that a VISA library has already been installed, the VISA library and its version are displayed. Do not install multiple VISA libraries on a single PC.

Installing Wavy

1 Insert the CD-ROM to your CD-ROM drive.

A setup window appears. Otherwise, double-click “AutoRun.exe” included in the CD-ROM.

2 Click Install under 2. The Installation of WAVY.



3 Follow the instructions until the installation is complete.

4 Click Close.

Uninstalling Wavy

From Control Panel, open Programs and then Programs and Features, and uninstall Kikusui SD027-PWR-01 Wavy for PWR-01.

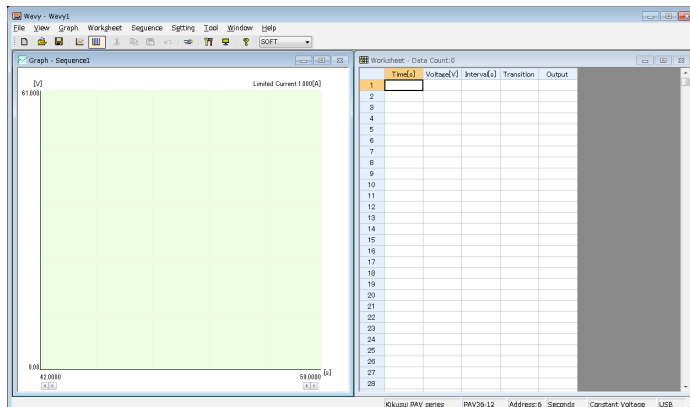
STARTING WAVY

Before starting Wavy, make sure that the power-saving mode and the screen saver are turned off and all the other applications are closed on your PC.

When your PC supports either Advanced Power Management (APM) or sleep mode, turn off these functions.

Changing the DPI setting may result in improper appearance of the display.

- **To start Wavy, click on the Start menu and select All Programs. Then, select Kikusui, SD027-PWR-01, and Wavy for PWR-01 in this order.**



VIEWING THE OPERATION GUIDES

The operation guides contain information on how to use Wavy and description of interface settings.

Manual is available in two versions: HTML help and PDF

Adobe Reader is required to view the operation guide in PDF format.

- **To open the HTML help, click Help and then Help (English).**
- **To open the PDF version of the operation guide, click on the Start menu and select All Programs, Kikusui, SD027-PWR-01, and then Operation Manual (English).**

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