Panasonic® INSTRUCTION MANUAL

SLINK V Flexible Wire-saving System S-LINK V

Address Setting Remote Controller SL-VAR1

MJEC-SLVAR1 No.0050-18V

⚠WARNING

- Never use this product as a device for protecting human bodies.
- For protecting human bodies use a device which meets related laws/regulations and standards, such as OSHA, ANSI or IEC, in each region or country.
- Be sure to discharge any static electricity on your body, which may damage this product, before handling this product.

1 APPLICABLE STANDARDS/REGULATIONS

- This product complies with the following standards/regulations.

<European Directive>
EMC Directive   CE

<RoHS Directive>
- This product is in compliance with the RoHS Directive.
- The Chinese version of RoHS indicates the contents, regardless of the RoHS regulation values.
- Economic operators' information in EU is as follows:
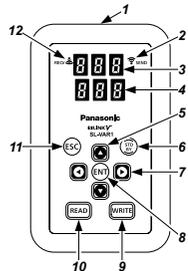
<Importer>
Panasonic Electric Works Europe AG
Rudolf-Diesel-Ring2, D-83607 Holzkirchen, Germany

<Contact for CE>
Panasonic Marketing Europe GmbH Panasonic Testing Center
Winsbergring 15, 22525 Hamburg,Germany

2 DESCRIPTION

- This product is an address setting remote controller dedicated for the **SL-VPK□**.
- This product allows you to select the address and lamp color/mode, and change the address offset etc. for the **SL-VPK□**.
- The settings can be transmitted / received at once via the Infrared Communication link.
- Two AAA alkaline batteries are used as the power supply.

3 PART NAMES AND FUNCTIONS

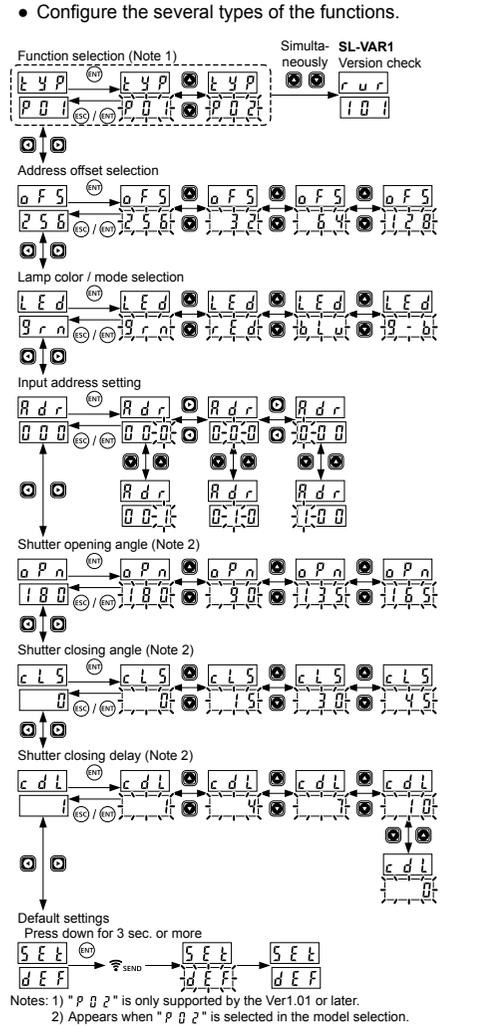|	Name	Function
1	Infrared communication part	The light emitting and receiving part for infrared communication. (Place the controller within a range of 100mm of the target **S-LINK V** I/O device, facing them each other.)
2	SEND indicator (Red)	Blinks while signals are transmitted.
3	Setting item display (Yellow)	Indicates the setting mode in a 7 segment display.
4	Setting contents display (Red)	Indicates the setting contents in a 7 segment display.
5	UP / DOWN keys	Allows you to select the setting item.
6	STD BY key	Power key. Pressing this key turns the system ON/OFF.
7	LEFT / RIGHT keys	Allows you to select the setting mode and move between digits to reach the digit you want to change.
8	ENTER key	Pressing this key confirms the settings.
9	WRITE key	Allows you to write the settings changed with the remote controller to the **S-LINK V** I/O device.
10	READ key	Allows you to read the settings stored in the **S-LINK V** I/O device.
11	ESC key	Pressing this key cancels the settings.
12	RECV indicator lamp (Green)	Blinks while signals are being received.

Thank you very much for purchasing Panasonic products.
Read this Instruction Manual carefully and thoroughly for the correct and optimum use of this product
Carefully keep this manual in a convenient place for quick reference.

4 OPERATION METHOD

<Symbol explanation>

◙ ◙ :	Selects the setting mode and moves between digits for entry.
◙ ◙ :	Selects the settings.
(ENT) :	Confirms the settings.
(ESC) :	Cancels the settings.

Various function settings

- Configure the several types of the functions.

Function selection (Note 1)

Address offset selection

Lamp color / mode selection

Input address setting

Shutter opening angle (Note 2)

Shutter closing angle (Note 2)

Shutter closing delay (Note 2)

Default settings
Press down for 3 sec. or more

Notes: 1) "*P 0 2*" is only supported by the Ver1.01 or later.
2) Appears when "*P 0 2*" is selected in the model selection.

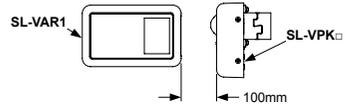| Item	Description
Model selection	Select the model whose settings you want to change. "*P 0 1*": **SL-VPK01** "*P 0 2*": **SL-VPK02**
Address offset selection	Select the offset value. The lamp output address is calculated by adding the offset value to the assigned lever input address. Select the address offset values from the followings: 32, 64, 128, or 256.
Lamp color / mode selection	Select the color of the lamp. Otherwise select the 2-stage indication mode. (Note 3) "*g r n*": Green "*r E d*": Red "*b L u*": Blue "*g - b*":2-stage indication mode (Green to Blue)
Input address setting	Select the lever input address. Address is displayed in decimal, and you can enter a number up to 255.
Shutter opening angle	Select the opening angle of the shutter. "*1 8 0*": Opening angle 180° "*1 6 5*": Opening angle 165° "*1 3 5*": Opening angle 135° "*9 0*": Opening angle 90°
Shutter closing angle	Select the closing angle of the shutter. "*0*": Closing angle 0° "*1 5*": Closing angle 15° "*3 0*": Closing angle 30° "*4 5*": Closing angle 45°
Shutter closing delay	Select the time at which the shutter starts to close. "*0*": 0 seconds "*1*": 1 seconds "*4*": 4 seconds "*7*": 7 seconds "*1 0*": 10 seconds
Default settings	This initializes the settings for the target device. The device responds (the lamp of **SL-VPK□** blinks 2 times) to notify that the initialization has been completed. (Note 4)

Notes: 3) For more information on 2-stage indication mode, refer to the "**SL-VPK□ specification.**"
4) When a communication error occurs, an error will be displayed. For the error displays, refer to "**5 TROUBLESHOOTING.**"
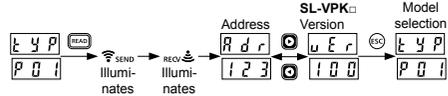
Reading / Writing of settings

- When transmitting / receiving the settings, place the infrared communication parts of this product and the target device as shown in the figure below. so that they face each other
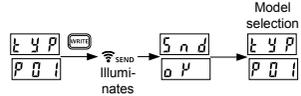

<Reading (READ)>

- Reads the settings from the target device.
- You can change the displayed content even when the RECV indicator lamp (Green) is lit.
- Press the ESC key, to return to the writing operation after the READ operation is completed.

<Writing (WRITE)>

- Writes the settings to the target device.
- The device responds (the lamp of **SL-VPK□** blinks 2 times).

Notes: 1) The written items cannot be sent individually.
2) The last display before the transmission is automatically restored after the data was sent to the target device.
3) When a communication error occurs, an error will be displayed. For the error displays, refer to "**5 TROUBLESHOOTING.**"

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5 TROUBLESHOOTING

Error classification	Display	Contents	Cancellation method
Communication failure	*Err con*	The signal could not be received correctly during the Writing / Reading / Default setting operation.	Press the ESC key.
Model inconsistency	*Err tYP*	A setting not applicable to the model of the main body was attempted to be written.	
Others	*Err 99*	Errors except for the above	

6 INSTALLATION METHOD OF AAA ALKALINE BATTERIES

Be sure to turn OFF the power key of this product before installing or replacing the batteries.

1. Remove the body from the silicon cover.

2. Slide the battery cover on the back side of the body to remove the cover.

3. Install the AAA alkaline batteries into the battery box in the correct direction. Check the polarity of the battery terminals (the "+" and "-" poles).

4. Slide the battery cover onto the body to attach the cover.

5. Turn over the body and insert it into the silicon cover.

7 SPECIFICATIONS

Designation	**S-LINK V** address setting remote controller
Model name	**SL-VAR1**
Power supply	AAA alkaline batteries: 2 pcs.
Battery life	Continuous use for 24 hours (with 2 AAA alkaline batteries)
Auto sleep	Incorporated (3 minutes)
Transmission method	Infrared method (Wavelength: 900 to 950nm)
Setting distance (Max.)	100mm
Ambient temperature	+5 to +45°C (No dew condensation), Storage: 0 to +55°C
Ambient humidity	35 to 85%RH, Storage: 35 to 85%RH
Protection structure	IP20 equivalent

Note: Alkaline batteries are not provided. Please prepare them.

8 CAUTIONS

- This product has been developed / produced for industrial use only.
- Take care that this product does not come in direct contact with water, oil, grease, or organic solvents, such as, thinner.
- Remove the batteries if not using them for an extended period of time.