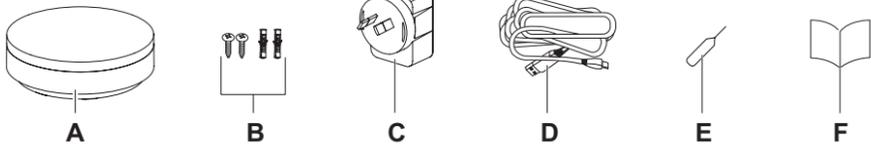**CLIPSAL** by Schneider Electric   **PDL** by Schneider Electric

CLP501401
PDL501401

Wiser™

1

A   B   C   D   E   F

2

G   H   I   J   K

L
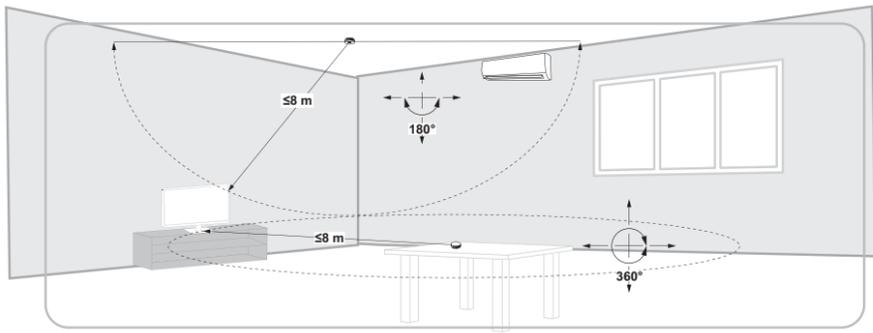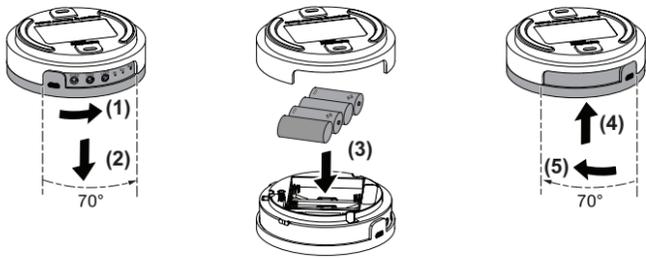M
N

3

≤8 m
180°
≤8 m
360°

4

(1)
(2)
70°
(3)
(4)
(5)
70°

5
a.

b.
(1)
(2)
(3)
(4)

6

au   nz
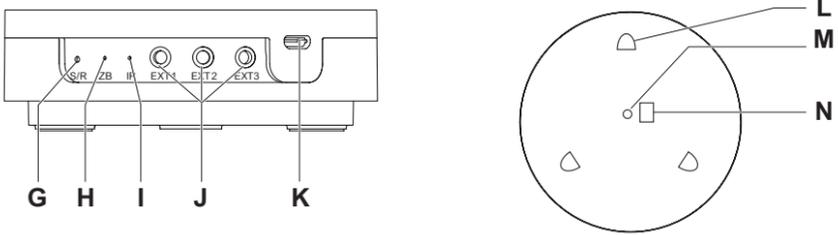
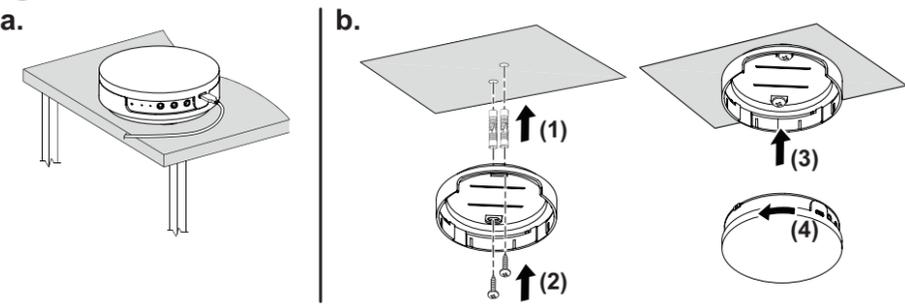## About this product

The Wiser IR Converter (the **device**) is a control device to automate your home IR controlled devices such as televisions, air conditioners, music systems and so on. The device converts the mesh network signal into an infrared signal.

Functions

• 360° IR signal coverage
• 3 sockets for IR extension cables
• Supports up to 8 types of IR controlled devices

Important: Some IR controlled devices may not be supported in your country. Please check with your sales representative.

1 Package contents

A   Wiser IR Converter
B   Screws: 2 × ST4.2 × 25 mm with wall plug
C   AC adaptor
D   AC adaptor USB cable
E   Reset pin
F   Installation instructions

Note: AA Alkaline batteries are not included in the package. They must be procured separately.

2 Operating elements

G   Set/Reset button
H   Network status LED
I   IR LED
J   3× 3.5 mm phone jacks for IR extension cables
K   Micro USB port for 5 VDC power supply
L   3× IR emitters under plastic cover, edge emitting
M   IR emitter under plastic cover, top emitting
N   IR receiver under plastic cover, top receiving

3 Choose suitable location to install

4 Inserting the batteries (Optional)

NOTICE

PERFORMANCE DEGRADATION OR EQUIPMENT DAMAGE

• The device should be powered only by the provided AC adaptor or 4× AA batteries.
• Only alkaline batteries should be used. Do not use rechargeable batteries.

Failure to follow these instructions can result in equipment damage.

Note:

• While placing the device on a table, it is recommended to use either the supplied AC adaptor or batteries to power the device.
• While installing the device on a ceiling, use the batteries to power the device.

5 Installing the device

⚠⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

• It is illegal for persons other than an appropriately licensed electrical contractors or other persons authorised by legislation to work on the fixed wiring of any electrical installation.
• To comply with all safety standards, the product must be used only for the purpose described in this instruction and must be installed in accordance with the wiring rules and regulation in the location where it is installed.
• Lock out and tag the input circuit before accessing the wiring connections.
• There are no user serviceable parts inside the product.

Failure to follow these instructions will result in death or serious injury.

a.   Table
b.   Ceiling

Using the IR extension cable

The device supports IR extension cables (3 sockets). When the device is installed in a closed cabinet, use up to 3 IR extension cables to route the infrared signals to the IR-controlled devices.

Note:

• The IR extension cable should have a 3.5 mm plug.
• The IR extension cables are not included in the package. They must be procured by the user. Refer to "Technical data" for IR extension cable requirements.

Important: Using an IR extension cable can affect the infrared signals.

NOTICE

PERFORMANCE DEGRADATION OR EQUIPMENT DAMAGE

• Use 3.5 mm mono mini plug.
• Do not use other types of plug with a different size.

Failure to follow these instructions can result in equipment damage.

6 Read full device user guide online

Scan the QR code for complete information about the device, including operation, configuration and using the product with a Wiser system.

Technical data

AC power adaptor	Model number: KA0601A-0501000AUU
	Input: 100-240 VAC, 50/60 Hz
	Output: 5.0 VDC, 1.0 A, 5.0 W
	Average active efficiency: 73.7% @115 VAC, 230 VAC
	No-load power consumption: 0.1 W @115 VAC, 230 VAC
Power supply	AC adaptor (included in the package) or
	4× AA Alkaline batteries
Connector type	Micro USB port for the AC adaptor
	Applicable for 3× 3.5 mm mono mini plug
Battery	4× AA Alkaline batteries
Battery life	Up to 1 year (may vary based on the usage, frequency of firmware update and environment)
Communication interface	IR emitter energy IEC825
	Zigbee: 2.4 GHz, IEEE802.15.4
Operating frequency	2405 - 2480 MHz (Zigbee)
Max. radio frequency power transmitted	<10 mW (Zigbee)
IR extension cable length	<5 m
IR control range with IR extension cable	1 m (from emitter to the IR controlled device)
IR control range without IR extension cable	≤8 m (from Wiser IR Converter to IR controlled device)
IP rating	IP20
Operating temperature	-10 °C to 45 °C, indoor use only
Relative humidity	10 % to 90 %, non-condensing
Dimensions	Ø100.0 × 32.5 mm
Compliance	

Trademarks

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