

conanair

CNA-WLVS-02E

Hardware Guide

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Natural Science eXecution

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Removing and installing the top cover



Warning—Do not open when it's likely to explode.

Wear protective equipment when removing and attaching.

The top cover is screwed on.

Attach the O-ring to the main body and tighten it until there is no gap between the top cover and the main body.

Applying grease to the O-ring facilitates tightening.

Use grease that is compatible with the O-ring and top cover.

Attached O-ring: Nitrile rubber

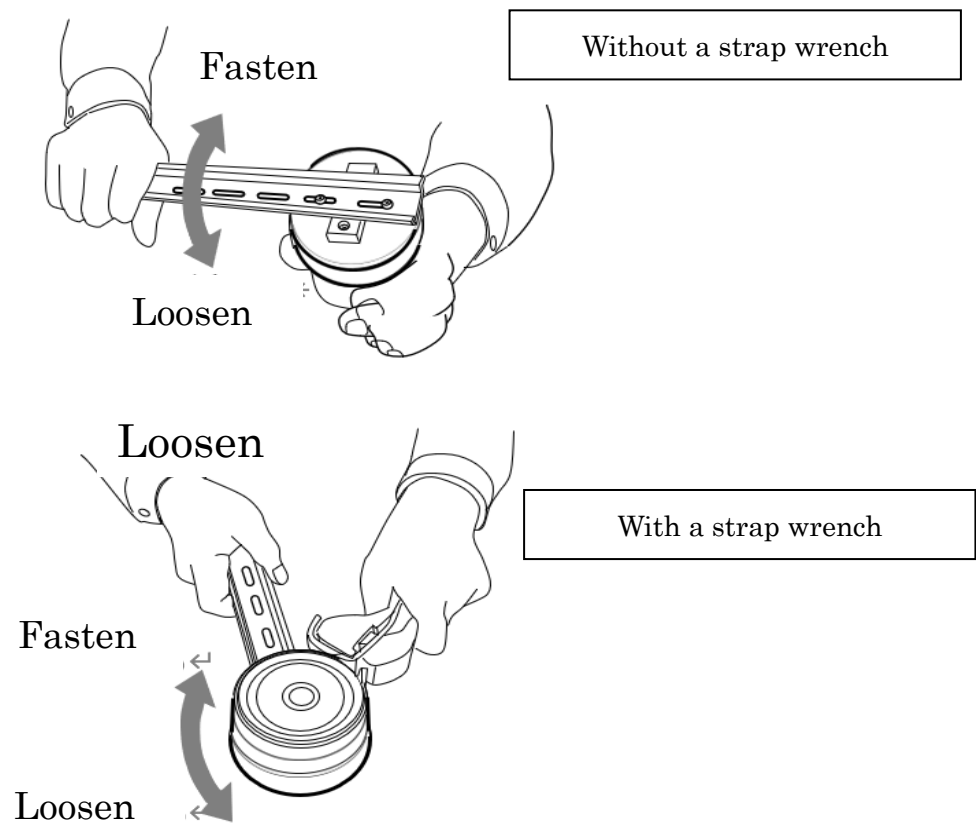
Top cover: Polycarbonate

Examples of use of tools, etc.

DIN rails and a strap wrench facilitate the removal and installation of the top cover.

Fix the DIN rail with M3 bolt and install and remove it as follows.

(Provide DIN rail M3 bolt Strap wrench.)



Prepare the power supply.

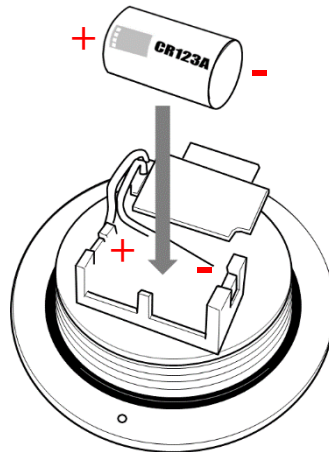


CR123A × 1

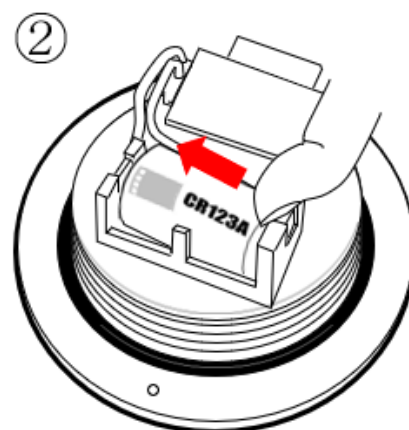
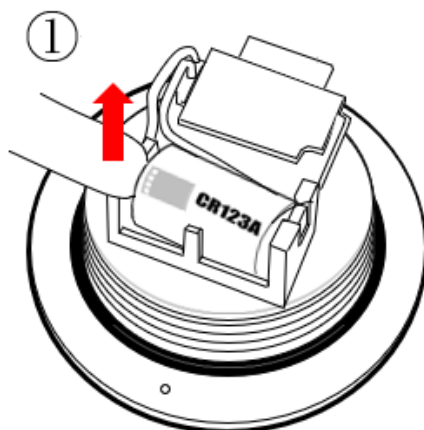


Rechargeable battery not available

Insert the battery.

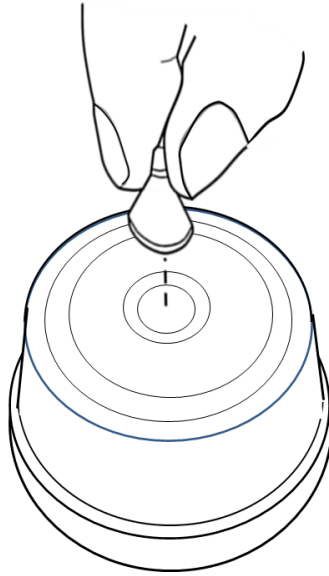


Remove the battery.



Startup

After inserting the battery, bring the accessory or commercially available magnet to  of the top surface.



Installation

When the installation jig is a magnet, please attach it to a ferromagnetic object like iron. If the magnet is attached vigorously, vibration may turn the power on.

The attached magnet is powerful and may cause damage to your body or property if mishandled.

In addition to the magnets on the bottom of the main unit, it can be fixed using the bolt holes (M3) on the bottom.

Please provide bolts and fixtures on your own.

Installation jig

You can purchase replacement magnets below.

Magnet (accessory)

Product Name : Cap Neodymium 20mm × 13.5mm × 5mm/M3 Ⅲ N-pole

Product code: LA20

Product Page: <https://www.magfine.com/products/detail/5565>

O Ring

Product Name: MiSUMiO Ring P Series

Product code: NPA56

Product Page: <https://jp.misumi-ec.com/vona2/detail/110300330520/>

Usage Regulations

This product has been developed and manufactured for use in industrial areas (restricted access areas).

Do not use this product for any purpose other than industrial use.

Specification

Model		CNA-WLVS-02E
Acceleration Range	m/sec ²	± 160
Axis of Measurement		3-axis (X, Y, Z) and 3D Composite Value
Acceleration Response	Hz	10~1,000, In case of HPF bypass; 0~1,000(-3db in both cases)
Sampling Rate	Hz	3,200
A/D Resolution		13bit
Networking		IEEE 802.11b/g/n(2.4GHz)
Power Supply		Non-Rechargeable Li-Ion Battery
		CR123A×1pc
Operation time It changes depending on environmental conditions and settings.	Continuous	About 15 hours
	Intermittent	About 7 years [Measured once a day]
Electric Consumption	mA	100
Size	mm	84 φ × 55H(84 φ × 60H) (with a magnet)
Weight(batteries included)	g	400(417)
IP Rating		IP67
Explosion-proof construction		IECEEx : EX db II C T6 Gb, Ex tb III C T63°C T465°C Db ATEX : II 2G EX db II C T6 Gb, II 2D Ex tb III C T63°C T465°C Db JPEEx : EX d II C T6 Gb, Ex tb III C T63°C T465°C Db (Flameproof and Dust-ignition Proof)
Temperature Range	°C	-20~59
Temperature measurement (measures base temperature)	°C	Available
Browsers		[Recommended] Google Chrome 91 or later [Tested] Microsoft Edge Chromium [OS] Windows 10 version 21H1 or later

※Please understand that product design, specifications, appearance, and prices may be changed without notice.

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