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ΛJΛX
Hub Range
Extender

AJAX Hub Range Extender Instruction Manual

Contents
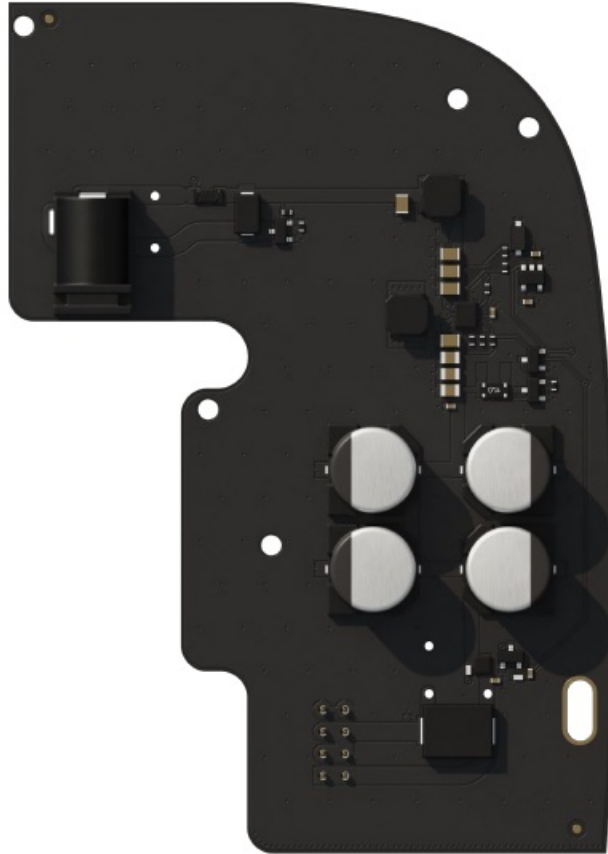
ΛJΛX

AJAX Hub Range Extender

6V PSU (type A)

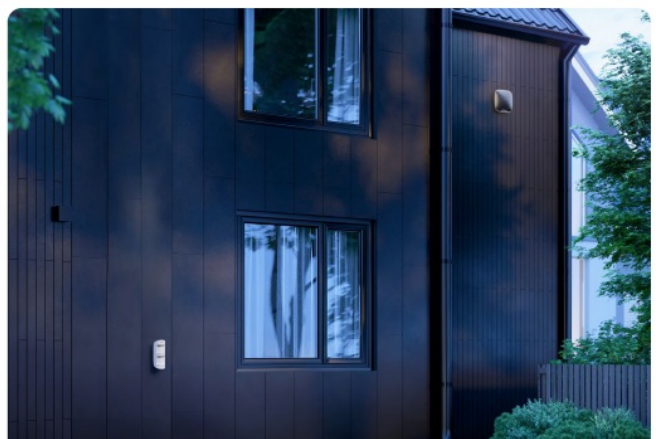Power supply unit for operation of the device from portable battery

Protecting facilities lacking electricity

With an alternative 6V PSU (type A), an Ajax hub or a range extender can operate on an external battery for up to 30 months without connecting to the facility's power grid. Other wireless Ajax devices operate on pre-installed batteries for 2 to 10 years. The system monitors the property 24/7 and is ready to protect construction sites and empty houses without electricity from burglars, vandals, and unauthorized occupation.
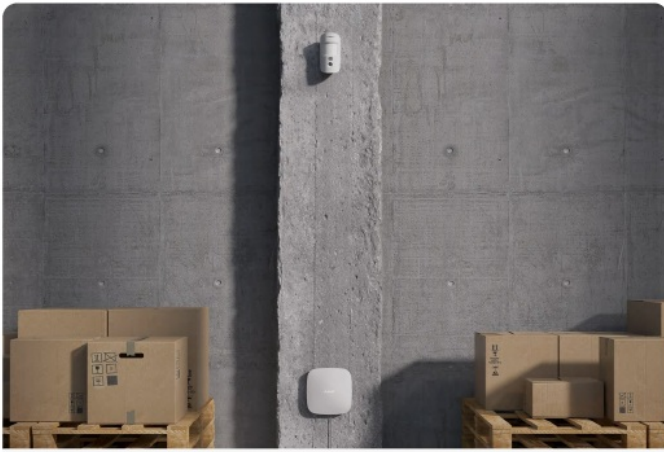

Use cases

- Summer houses that are "mothballed" for the winter with the electricity turned off.
- Empty properties that illegal settlers can target.

- Warehouses with no or unstable power supply.
- Active or frozen construction with high-cost materials and equipment inside.

Installation

- 6V PSU (type A) is installed inside the device enclosure instead of the standard 110/230 V~ power supply unit using a PH1 screwdriver.
- A standard jack plug is used to connect the power cable.
- A terminal adapter is included in the complete set.

Superior, Fibra, and Baseline product lines are mutually compatible. This opens up numerous possibilities for building systems of any configuration.

Compatibility **Hubs** Hub (4G) Jeweller Hub 2 (2G) Jeweller Hub 2 (4G) Jeweller Hub 2 Plus Jeweller **Range extenders** ReX 2 Jeweller	**Connection to mains** **Socket** 6.5 x 2 mm **Plug** 5.5 x 2.1 mm Power jack	**Recommended batteries** Zinc-air alkaline batteries with an operating voltage of 4.2-10 V= **List of recommended batteries:**	**Installation** **Installation method** inside the hub or range extender enclosure **Operating temperature range** from -10 °C to +40 °C **Operating humidity** up to 75%
Input	**Output**	**Board**	**Complete set**
Voltage	**Voltage**	**Color**	6V PSU (type A)
4.2-10 V=	4.8 V= ± 5%	**N/A**	Terminal adapter
			Quick start guide
Current	**Current**	**Dimensions**	
up to 1 A	up to 1.5 A	98 x 70 x 17 mm	
Switch-on voltage		**Weight**	
4.2 V= $\pm$ 2,5%		26 g	
Switch-off voltage			
3-3.4 V=			
Depending on the load			

For detailed information, scan the QR code or follow the link: **ajax.systems/support/devices/6vpsu-hub2/**

support@ajax.systems

Documents / **Resources**

AJAX Hub Range Extender [pdf] Instruction Manual
Hub 4G Jeweller, Hub 2 2G Jeweller, Hub 2 4G Jeweller, Hub 2 Plus Jeweller, ReX 2 Jeweller, Hub Range Extender, Hub, Range Extender, Extender

References

- **User Manual**