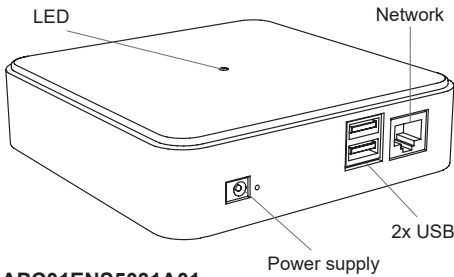


Model



APC01ENS5031A01

Technical Data

Frequency:	868.30 MHz
Radiated power:	4.56 mW
Coding:	Easywave, Easywave neo, secwave
Range:	free-field: approx. 150 m buildings: approx. 30 m
Radio inputs:	
Easywave	unlimited
Easywave neo	128
secwave	128
Radio outputs:	
Easywave	128
Easywave neo	128
secwave	128
Power supply:	230 V power adaptor
Power consumption:	max. 3.5W (5V, 2A)
Interfaces:	1x 100 MBit/s BaseT- Ethernet socket 2x USB Wifi 802.11 b/g/n Bluetooth
Processor:	Cortex A7 Quad Core
Main memory:	1 GB
Flash memory:	4 GB
Dimensions (w/l/h):	120/120/30 mm
Weight:	180g

Scope of Delivery

APC01 Server, Ethernet cable (CAT 5), mains power supply 230V, operating instruction

Intended Use

Use the APC01 Control Center only to control Easywave, Easywave neo or secwave radio transmitters and radio receivers.

The manufacturer shall not be liable for any damage caused by improper or non-intended use!

Safety Advice



Carefully read through these instructions before connecting and operating the unit!

Observe the applicable laws, standards and regulations as well as the manufacturer's instructions for the devices to be operated.

Do not make any unauthorized alterations or modifications to the unit!

Have faulty units checked by the manufacturer!

Function

The Easywave Control Center represents the command base of an Easywave building installation.

The integrated wireless module allows Easywave, Easywave neo and secwave devices to be controlled using an Android or Apple smartphone or tablet.

Functions include:

- scene creation
- time-controlled processing of switching commands

- logical connection of sensors and actuators
- astro function
- push notifications
- integration of Alexa
- triggering of scenes by weather data
- remote access (requires remote function, available subject to additional charge)

The configuration of individual functions is explained in detail in the app using help texts.

Manage up to 128 devices depending on the telegram type (Easywave, Easywave neo or secwave).

Setting up

1. **Connect the Control Center**
Connect the plug-in power adaptor with the server and then plug the power adaptor into a 230V socket.
The server will be ready for operation after approx. 30 seconds.
2. **Establish a connection between the Control Center and the home network**
Connect the server to the local network or the network connection of your router using a network cable. Make sure that the DHCP function of the router is active.
3. **Put the radio transmitter and receiver into operation**
Please read the operating manuals for the radio transmitters or receivers used for instructions on how to do this.
4. **Start Easywave CCapp**
Download and install "Easywave CCapp" from the App Store.
Connect your smartphone/tablet via wireless network connection to the same network as the APC01. Launch "Easywave CCapp" on your smartphone/tablet.
Use the following details when logging in for the first time:
(User)Name: **Admin**
Password: **Admin**

5. **Programming the Control Center**
Create rooms, devices and scenes, and connect these with the desired radio products. Please follow the instructions provided in the app.

WiFi configuration

If a connection via ethernet cable is not possible, the APC01 can also be integrated into an existing wireless network. During the first 10 minutes after the APC01 is switched on, the server will offer a Bluetooth connection for setup (blue LED flashes). Ensure that Bluetooth is also activated on your mobile phone/tablet and that the Easywave app has the appropriate permissions. Please note that the app needs permission to use the location service to create a Bluetooth connection.

The Bluetooth range is significantly smaller than that of the Easywave wireless system. You should therefore perform the configuration directly beside the server.

To complete the configuration, please perform the following steps:

1. Disconnect the APC01 from the power supply for approx. 10 seconds.
2. Reconnect the power. Wait until the LED on the APC01 flashes blue.
3. Launch the Easywave app and click "Start initial setup" or press the "Add server" button (+).
4. After the app has unsuccessfully completed its search for a server, click "Configure wireless network server".

5. The app will now search for a server via Bluetooth. Select the desired server and the wireless network to be used.
The SSID of the wireless network to be used must be switched to "visible" during this time
6. Enter the password for the wireless network selected. The server will then connect to the wireless network and can be used on the network.

Signaling

Color code LED	Action
LED flashes white	Boot process is running
LED lights up green	Operating mode active
LED flashes red	Error in the device / system
LED lights up yellow	Searching for update
LED flashes yellow	Update is being installed
LED flashes blue	Searching for network, Bluetooth configuration active
LED lights up blue	Network is being configured

Troubleshooting

- A radio receiver does not respond:
- Check the installation site to ensure that there is an unimpeded wireless connection between the server and the wireless receiver.
 - Reprogram the transmission code with the radio receiver.
 - Other wireless devices using the same frequency or operating in direct proximity may interfere with the device.
- The server does not respond to a transmitter:
- Make sure that the server is within range of the transmitter.
 - Change the battery of the transmitter if necessary.

Disposal

Waste electrical products may not be disposed of with household waste!

Dispose of the waste product via a collection point for electronic scrap or via your specialist dealer.
Put the packaging material into the recycling bins for cardboard, paper and plastics.



Warranty

Within the statutory warranty period we undertake to rectify free of charge by repair or replacement any product defects arising from material or production faults.
Any unauthorized tampering with, or modifications to, the product shall render this warranty null and void.

Conformity



ELDAT Eas GmbH hereby declares that the radio equipment type APC01 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.eldat.de

Service

If, despite correct handling, faults or malfunctions occur or if the product was damaged, please contact your retailer or the manufacturer.

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