Getting started

This manual covers connections, initial setup, the Buddy console and resetting Home Assistant hub. The supplied manual has been translated and reformatted. Supplier names and contact details have been replaced with importer details.



3D visualisation of the hub

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Use the hub and management console within your own trusted home network. Store a backup outside the hub before performing major management operations.

Technical details and connections

Feature	According to the manual
System	Home Assistant OS
Processor	Rockchip RK3566, quad-core Cortex-A55
Clock speed	1.8 GHz
Memory	4 GB / 8 GB (variants)
Internal storage	32 GB / 64 GB (variants)
Power supply	5 V DC, 2 A
USB	1 USB 2.0 and 1 USB 3.0
HDMI	HDMI 2.0
Ethernet	RJ45
Memory card	SDHC / SDXC
Protocols / connections	Zigbee, Z-Wave, Wi-Fi, BLE and MQTT
Controls	Home Assistant app or browser

Front

The front has the USB 2.0 port, USB 3.0 port and microSD slot.

Rear

The rear has the power connection (5 V DC, 2 A), HDMI port and Ethernet port.

The manual lists several memory and storage variants. This website describes the 4 GB / 32 GB version. Not every supported protocol works without extra hardware: Zigbee and Z-Wave require a suitable dongle or bridge. MQTT is a software protocol.

Connecting and opening for the first time

1. Connect the network cable

Connect the hub's Ethernet port to your home router or a switch on the same network.

2. Connect the power supply

Connect the power cable to the hub and plug the power supply into a socket. Use the supply specified for your version: 5 V DC, 2 A.



Hub and network equipment in an example setup

3. Open Buddy

Use a browser on a phone, tablet or computer on the same home network. Open the local Buddy console:

http://homeassistant.local:8124/

The original manual asks you to create an account at this point. The next section explains the login screen and controls.

If the local name does not work, find the hub's IP address in your router's device list and use port 8124. For example: http://192.168.1.100:8124/. Replace this example address with your own hub's address.

Buddy: accounts and controls

Buddy is an additional local management console alongside Home Assistant. The login screen in the manual includes a username or partner account number and a password field.

Creating an account and signing in

1. Open Buddy at http://homeassistant.local:8124/.

2. Use Create admin during the first installation if no administrator account exists yet.

3. Enter your username and password under Sign in.

4. The Home button takes you back to the start page.

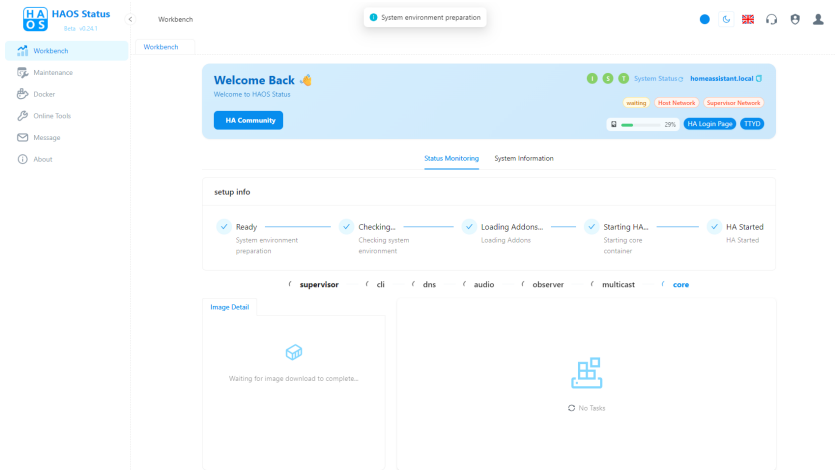
Controls at the top of the console

Feature	Meaning
Colour selection	Choose an interface colour
Primary colour / theme	Adjust the interface appearance
Chinese / English	Choose the interface language
Support	The support contact feature
Access permissions	Manage permissions and access
Account	Signing in and account controls

The original manual lists Chinese and English as interface languages. This translated manual explains the controls; it does not change the language of the installed software. Button names may vary by software version.

Home Assistant has its own user account for controlling your home. Do not confuse it with the Buddy administrator account.

Startup and network status



Illustrative adaptation of the status overview

Status on the main screen

Label	Explanation
Home Assistant official	Link to Home Assistant
Startup Status	Startup status
IP address	The hub's IP address
HA Login Page	Open / sign in to Home Assistant
TTYD	Web terminal for technical management
Waiting / Startup / Running	Waiting / Starting / Running

Network indicators

Host Network shows the network status of the Home Assistant environment. According to the manual, Supervisor Network indicates the status of the system management service and internet connection. Green means normal; red means an abnormal status requiring attention.

Wait for startup to finish

The progress bar shows preparation, system checks, loading extensions and starting Home Assistant. Wait until startup is complete. Then click HA Login Page to open the Home Assistant web console.

App and system reset

Open Home Assistant

Install the Home Assistant Companion app on your phone or tablet, or open Home Assistant in your browser. The updated access note in the manual first lists:

http://homeassistant.local/

If Home Assistant does not open there, try:

http://homeassistant.local:8123/

The app and download information are available at https://www.home-assistant.io/installation/. If the local name does not work, use your hub's IP address.

Reset the system through TTYD

WARNING: this operation erases the data disk. You will lose the hub's configuration and data. First make a recoverable backup and store it on another device. Only do this if you deliberately want a full reset.

1. Open the TTYD button at the top of the Buddy console.

2. The manual lists the command below for resetting. Check that you are in the correct management terminal before continuing.

3. Type the command and press Enter.

4. Only confirm if you really want to erase the data: type YES and press Enter again.

os datadisk wipe

The command above is reproduced exactly from the manual. This document does not execute anything. If an error appears or your terminal differs, stop and ask for support; do not try other erase commands at random.

PoE dongles

The manual describes two PoE dongles. A separate dongle connects suitable wireless devices to Home Assistant. The chosen firmware and integration determine its use.

Property	PoE dongle for Zigbee	PoE dongle for Zigbee and Thread
Product	Zigbee 3.0 PoE dongle	Zigbee 3.0 PoE dongle
Protocol	Zigbee 3.0	Zigbee 3.0 and Thread
Wi-Fi	802.11b/g/n, 2.4 GHz	802.11b/g/n, 2.4 GHz
Platform	Home Assistant	Home Assistant
Chipset	ESP32 + CC2652P	ESP32 + MG24
Connections	Ethernet, Wi-Fi, USB	Ethernet, Wi-Fi, USB
Antenna	Rotates 360 degrees, 5 dBi	Rotates 360 degrees, 5 dBi
Power supply	PoE / USB-C	PoE / USB-C

Choosing a location for the dongle

Ethernet lets the PoE dongle sit separately from the hub. A suitable PoE switch or injector can power it through the network cable. An ordinary network port without PoE does not supply power.

Thread support is not the same as a complete Matter installation. Matter over Thread requires a suitable Thread border router and software configuration. Do not assume simultaneous Zigbee and Thread use on the same dongle.

More information about the accessories offered: https://homeassistanthub.nl/en/accessoires/.

USB dongles and support

Property	USB dongle for Zigbee	USB dongle for Zigbee and Thread
Product	Zigbee 3.0 USB dongle	Zigbee 3.0 USB dongle
Protocol	Zigbee 3.0	Zigbee 3.0 and Thread
Platform	Home Assistant	Home Assistant
Chipset	ESP32 + CC2652P	ESP32 + MG24
Protocols listed in the manual	Zigbee, Wi-Fi	Zigbee, Thread, Wi-Fi
Wi-Fi listed in the manual	802.11b/g/n, 2.4 GHz	802.11b/g/n, 2.4 GHz
Connection to the hub	USB	USB
Antenna	Rotates 360 degrees, 5 dBi	Rotates 360 degrees, 5 dBi
Power supply listed in the manual	USB-C	USB-C

This table translates the dongle specifications in the manual. To connect a USB dongle to the hub, use the supplied USB version. Choose supported coordinator firmware and a suitable Home Assistant integration.

Questions and support

For questions about the product, supplied version or recovery, contact the importer. Include your version, software version and what you see on screen. Do not share passwords.

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English translation and editorial adaptation of the supplied user manual, October 2026. Images have been selected again for this edition. The hub is not official Home Assistant hardware.