Deco WE10800
Superior Mesh Wi-Fi, Everywhere

Wi-Fi 6E
UNLEASH THE POWER OF 6 GHZ

HomeShield
Compatible with amazon alexa
works with Google Home

# User Guide

## AXE5400 Whole Home Mesh Wi-Fi 6E System

tp-link

1910013903 REV3.6.0 © 2025TP-Link

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# About This Guide

This guide provides a brief introduction to AXE5400 Whole Home Mesh Wi-Fi 6E System and regulatory information.
Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP. All images, steps, and descriptions in this guide are only examples and may not reflect your actual Deco experience.

## Conventions

In this guide, the following conventions are used:

| Convention | Description |
|---|---|
| Deco | Stands for Deco Whole Home Mesh Wi-Fi System/ Unit. |
| Underline | Hyperlinks are in teal and underlined. You can click to redirect to a website or a specific section. |
| Teal | Key information appears in teal, including management page text such as menus, items, buttons and so on. |
| Note: | Ignoring this type of note might result in a malfunction or damage to the device. |
| Tips: | Indicates important information that helps you make better use of your device. |

## More Info

- Specific product information can be found on the product page at https://www.tp-link.com.
- A Technical Community is provided for you to discuss our products at https://community.tp-link.com.
- Our Technical Support contact information can be found at the Help center of the Deco app and the Contact Technical Support page at https://www.tp-link.com/support.

## Speed/Coverage/Device Quantity Disclaimer

Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage, and quantity of connected devices are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

## MU-MIMO Disclaimer

Use of MU-MIMO requires clients to also support MU-MIMO.

## IoT Compatibility Disclaimer

IoT compatibility refers only to smart devices that can be controlled via the Deco app. Other wireless devices can still connect to Deco for normal Wi-Fi use.

## Seamless Roaming Disclaimer

Clients need to support 802.11k/v/r and may require additional set up. Performance may vary depending on the client device.

# Appearance

Each Deco has an LED that changes color according to its status, three RJ-45 Ethernet ports, a power slot, and a Reset button.

See the explanation below:

Tip: The product label can be found at the bottom of the product.

**Pulse Yellow:**
Deco is resetting.

**Solid Yellow:**
Deco is starting up.

**Pulse Blue:**
Deco is ready for setup.

**Solid Blue:**
Deco is setting up.

**Pulse Green:**
Deco is upgrading firmware.

**Solid Green:**
Deco is all set up and connected.

**Pulse Red:**
The satellite Deco is disconnected from the main Deco.

**Solid Red:**
Deco has an issue.

**Ethernet Ports:**
For connecting Deco to your modem, the Ethernet outlet, or for other internet services in Wireless Router mode.

**Power Slot:**
For connecting Deco to the power socket via the provided power adapter.

**Reset Button:**
Press for 1 second and release to reset Deco to factory default settings. The light changing from pulsing yellow to solid yellow indicates a successful reset.

# Set Up Your Deco

First let's start by setting up the Deco network. Get the TP-Link Deco app for iOS or Android, then follow the app to walk through the setup.

## 1. Get the Deco app

Scan the QR code below or go to Google Play or the App Store to download the Deco app. Install the app on your Android or iOS smartphone or tablet.

or

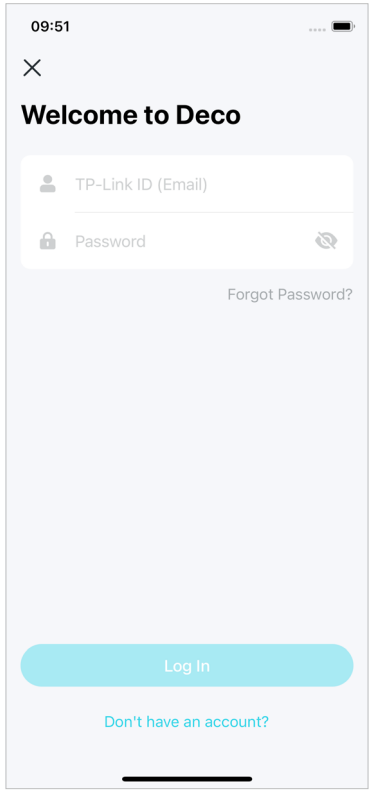
GET IT ON Google Play

Download on the App Store

## 2. Log in or sign up with TP-Link ID

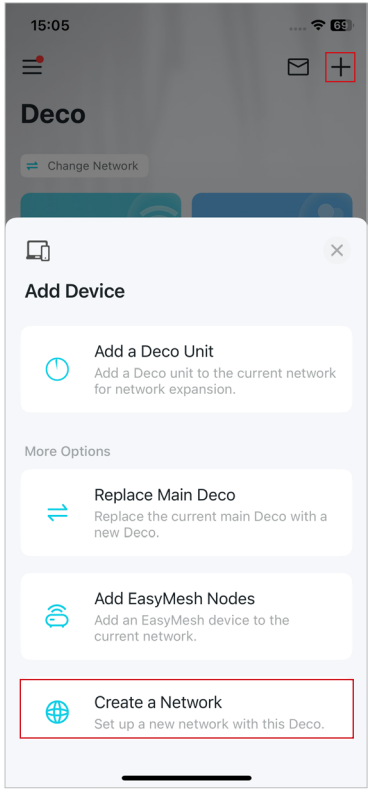
Open the app and log in with your TP-Link ID. If you don't have a TP-Link ID, create one first.

Note: If you forgot your login password, tap Forgot Password?. The app will help you reset your password.



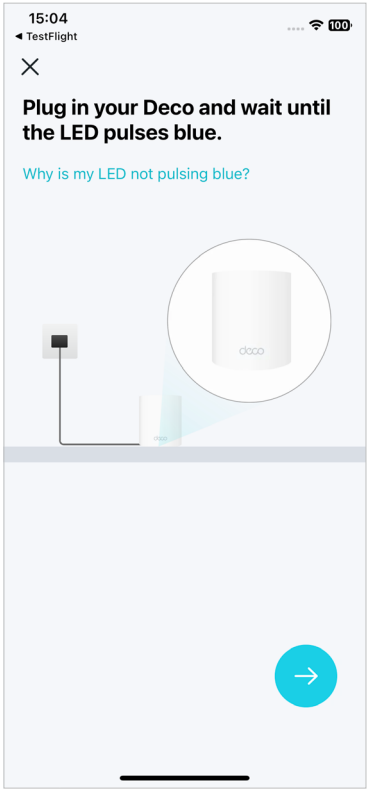

## 3. Create a Network

In the Deco app, tap the + button on the top right corner of the homepage, then select Create a Network.



## 4. Plug in your Deco

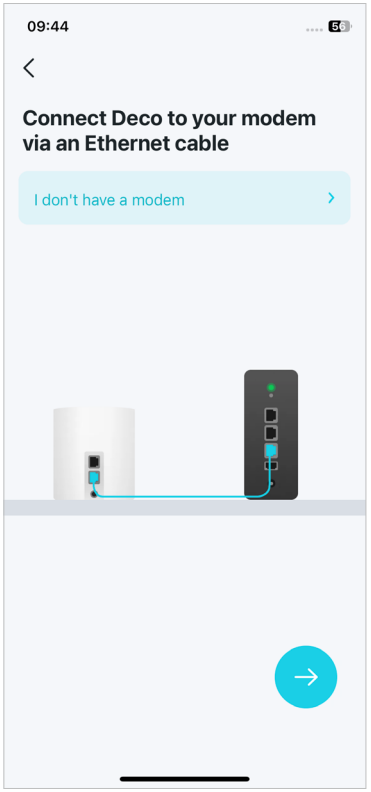
Plug in your Deco and wait until your Deco's LED pulses blue, then your phone/tablet will connect to the Deco's default Wi-Fi automatically.

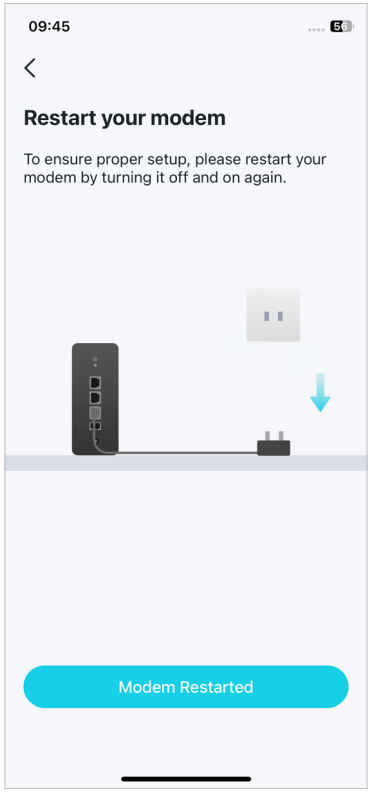



## 5. Connect your Deco

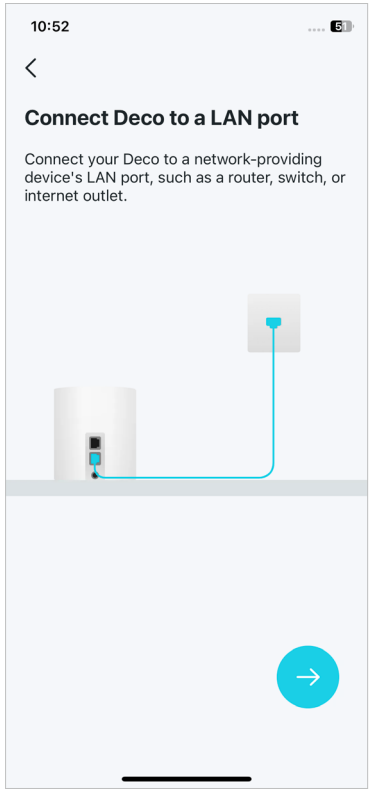
Power off your modem. Connect your Deco to the modem and power it on.

If you don't have a modem, connect your Deco directly to the Ethernet outlet.



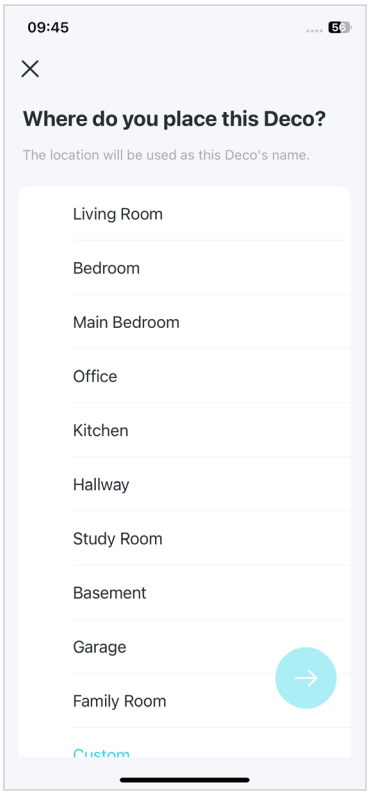




or



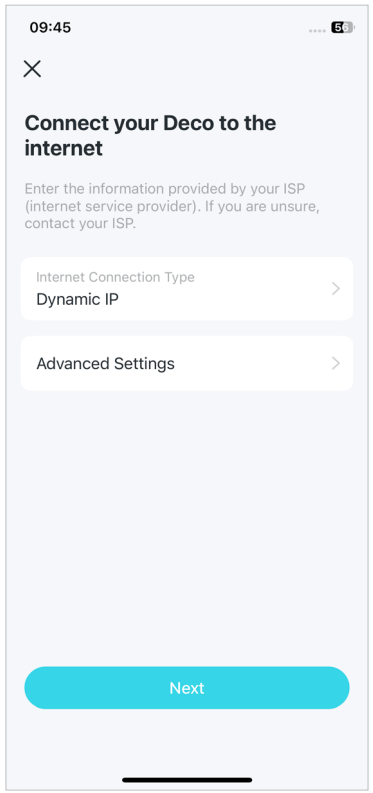
## 6. Specify your Deco's location

Select or custom a location for your Deco. The location will be used as the name of your Deco.



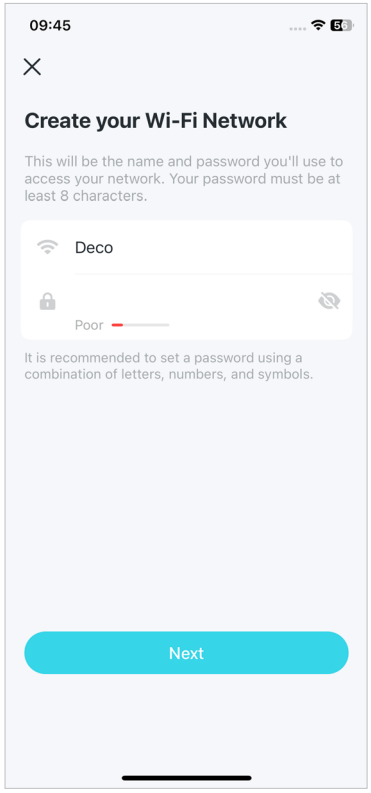

## 7. Connect your Deco to the internet

Select the internet connection type and enter the information. If you are not sure, contact your internet service provider.



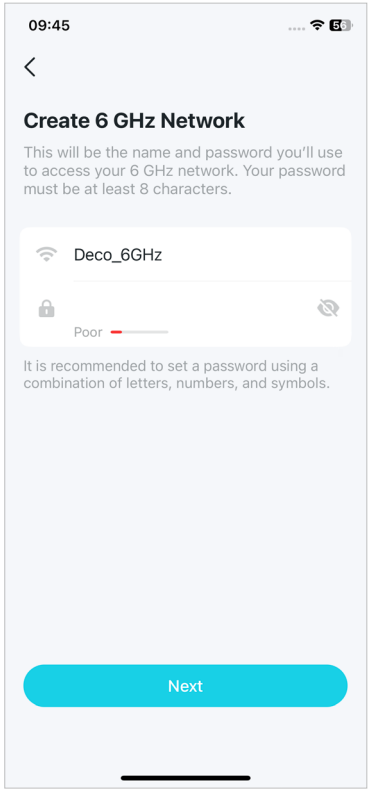

## 8. Create your Wi-Fi network

Set a network name and a password. These will be the name and password you use to connect your devices to Wi-Fi.



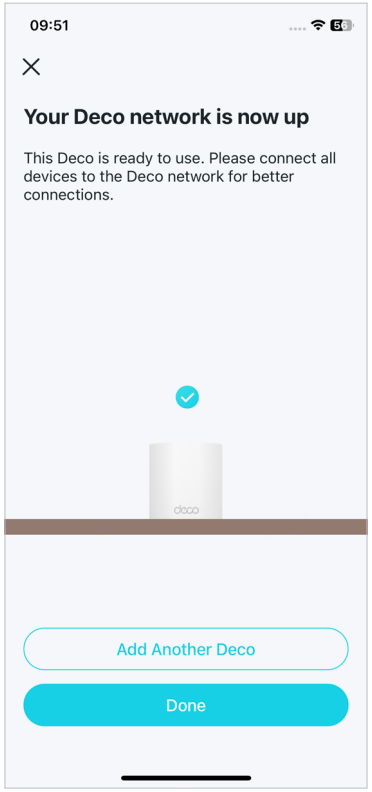
## 9. Create your 6GHz Wi-Fi network

Set a network name and a password. These will be the name and password you use to connect your devices to the 6GHz Wi-Fi.



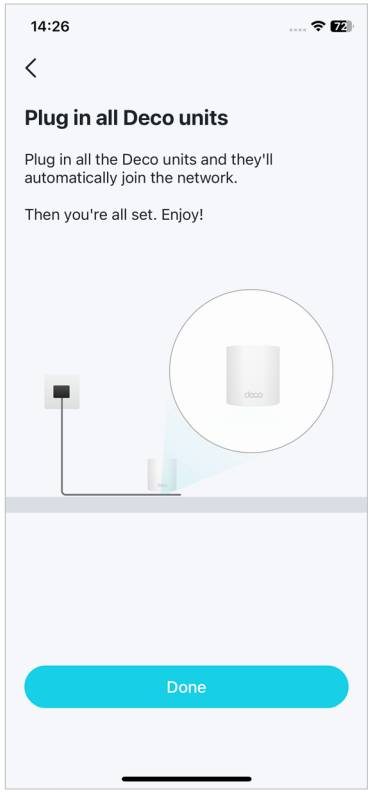

## 10. Setup complete

Your Deco network is now up. You can connect your devices to the Deco network. You can also add more Deco units (if any) to extend the network.




## 11. Plug in other Decos (if any)

Place the other included Decos in a suitable position and plug them on, and they will  join the network automatically.



# Troubleshooting

Solutions to common problems during setup or use are provided here for reference. Follow the steps and the provided link below to diagnose and solve problems you might experience with your Deco.

If problems still exist, contact us: https://www.tp-link.com/support

**Q1. What should I do if I fail to configure the main Deco and get stuck on "We couldn't find Deco"?**

Refer to the guide https://www.tp-link.com/support/faq/2239/ or follow the video https://youtu.be/2HYuEYS9XJM

**Q2. What should I do if I fail to configure the satellite Deco and get stuck on "We couldn't find another Deco"?**

Refer to the guide https://www.tp-link.com/support/faq/1447/ or follow the video https://youtu.be/iVgDzoo16T4

**Q3. What should I do if I fail to configure the main Deco and get stuck on "Testing Internet Connection"?**

Refer to the guide https://www.tp-link.com/support/faq/2239/

Refer to the video https://youtu.be/OSUrGdWH-i0

**Q4. What should I do if my wireless devices cannot connect to Deco?**

Refer to the guide https://www.tp-link.com/support/faq/2718/

**Q5. What should I do if Deco suddenly lost internet access?**

Refer to the guide https://www.tp-link.com/support/faq/2428/

**Q6. How can I find a suitable spot for my Deco?**

Refer to the guide https://www.tp-link.com//support/faq/1446/

**Q7. What can I do if the Deco app isn't working properly?**

Refer to the guide https://www.tp-link.com/support/faq/1456/

# Authentication

**FCC Compliance Information Statement**

**Product Name:** AXE5400 Tri-Band Mesh Wi-Fi 6E System

**Model Number:** Deco WE10800

| Component Name | Component Model |
|---|---|
| I.T.E POWER SUPPLY | T120200-2B4 |

**Responsible party:**

**TP-Link Systems Inc.**

Address: 10 Mauchly, Irvine, CA 92618

Website: http://www.tp-link.com/us/

Tel: +1 626 333 0234

Fax: +1 909 527 6804

E-mail: sales.usa@tp-link.com

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/ TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.

2. This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

## FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC regulations restrict operation of this device to indoor use only. The operation of this device is prohibited on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10000 feet. Operation of transmitters in the 5.925-6.425 GHz band is prohibited for control of or communications with unmanned aircraft systems.

We, TP-Link Systems Inc., has determined that the equipment shown as above has been shown to comply with the applicable technical standards, FCC part 15. There is no unauthorized change is made in the equipment and the equipment is properly maintained and operated.

Issue Date: 2025-02-19

## FCC Compliance Information Statement

**Product Name:** I.T.E POWER SUPPLY

**Model Number:** T120200-2B4

**Responsible party:**

**TP-Link Systems Inc.**

Address: 10 Mauchly, Irvine, CA 92618

Website: http://www.tp-link.com/us/

Tel: +1 626 333 0234

Fax: +1 909 527 6804

E-mail: sales.usa@tp-link.com

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

We, TP-Link Systems Inc., has determined that the equipment shown as above has been shown to comply with the applicable technical standards, FCC part 15. There is no unauthorized change is made in the equipment and the equipment is properly maintained and operated.

Issue Date: 2025-02-19

## Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use damaged charger or USB cable to charge the device.
- Do not use any other chargers than those recommended.
- Do not use the device where wireless devices are not allowed.
- Adapter shall be installed near the equipment and shall be easily accessible.
- Use only power supplies which are provided by manufacturer and in the original packing of this product. If you have any questions, please don't hesitate to contact us.
- Operating Temperature: 0°C~40°C (32°F~104°F)
- This product uses radios and other components that emit electromagnetic fields. Electromagnetic fields and magnets may interfere with pacemakers and other implanted medical devices. Always keep the product and its power adapter more than 15 cm (6 inches) away from any pacemakers or other implanted medical devices. If you suspect your product is interfering with your pacemaker or any other implanted medical device, turn off your product and consult your physician for information specific to your medical device.

Please read and follow the above safety information when operating the device. We cannot guarantee that no accidents or damage will occur due to improper use of the device. Please use this product with care and operate at your own risk.

## Explanation of the symbols on the product label

Symbols may vary from products.

Note: The product label can be found at the bottom of the product and its I.T.E. power supply.

| Symbol | Explanation |
|---|---|
| | Class II equipment |
| | Class II equipment with functional earthing |
| | Alternating current |

| Symbol | Explanation |
|---|---|
| ⎓ | DC voltage |
| ⊖⊙⊕ | Polarity of output terminals |
| ⌂ | Indoor use only |
| ϟ | Dangerous voltage |
| ⚠ | Caution, risk of electric shock |
| VI | Energy efficiency Marking |
| ⏚ | Protective earth |
| ⏚ | Earth |
| ⏚ | Frame or chassis |
| ⏚ | Functional earthing |
| ♨ | Caution, hot surface |
| ⚠ | Caution |
| 📖 | Operator's manual |

| Symbol | Explanation |
|---|---|
| | Stand-by |
| | “ON”/”OFF” (push-push) |
| | Fuse |
| N | Fuse is used in neutral N |
| | RECYCLING<br>This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.<br>User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment. |
| | Caution, avoid listening at high volume levels for long periods |
| | Disconnection, all power plugs |
| m | Switch of mini-gap construction |
| μ | Switch of micro-gap construction (for US version)<br>Switch of micro-gap / micro-disconnection construction (for other versions except US) |
| ε | Switch without contact gap (Semiconductor switching device) |