

The STRIDE Antenna



The Green-GO STRIDE DECT Antenna introduces next-generation wireless intercom capabilities through synchronized multi-antenna coverage and seamless roaming. Operating via PTPv2 network synchronization, the system eliminates traditional handover gaps from the past while accommodating up to five simultaneous client connections per antenna.

The STRIDE wireless platform can scale to support extensive installations. Additionally, it includes built-in spectrum analysis tools for real-time system monitoring and better spectrum utilization. Its practical design combines an E-Ink display, IP53 environmental protection, and flexible mounting options, with power delivery through either PoE or USB-C for streamlined deployment in professional environments.

Building upon Green-GO's established wireless ecosystem, the STRIDE Antenna maintains full compatibility with existing WBPX and WBPXSP belt packs. This backward compatibility allows organizations to upgrade their infrastructure gradually while benefiting from enhanced DECT spectrum efficiency and increased device density, ensuring a future-proof investment in their communication systems.

What's in the box?

The Green-GO STRIDE wireless antenna comes with the following package contents:

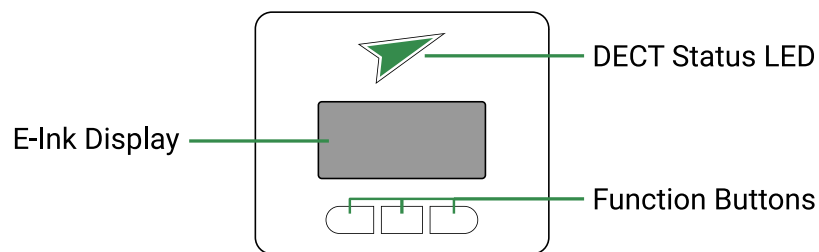
- 1 x Green-GO STRIDE wireless antenna
- 1 x Printed quickstart guide

Optional Green-GO accessories



Device overview

Front panel



DECT Status LED

The Green-GO logo is backlit and displays the current status of the DECT module and wireless performance.

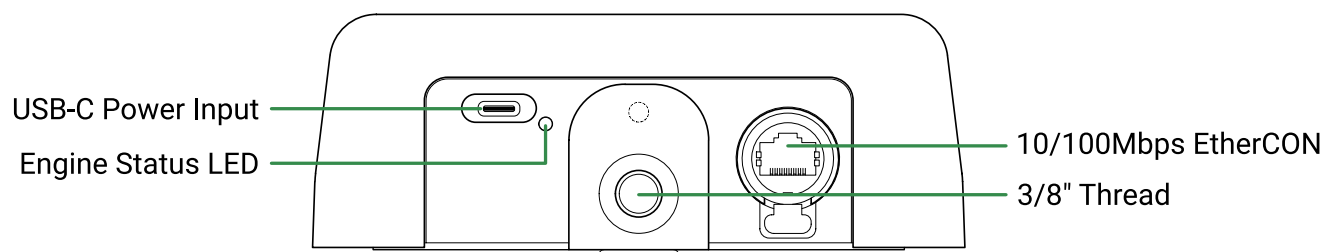
E-Ink Display

A high-contrast E-Ink display (212 x 104 px) for detailed device and setup information.

3 Function Buttons

Three membrane function buttons that enable control of the device's setup.

Bottom panel



Status LED

The RGB-LED indicates the current connection and configuration states.

10/100 Mbps Neutrik EtherCON

The 10/100 Mbps Neutrik EtherCON serves as the primary power input (PoE) and connects the device to the local Green-GO network.

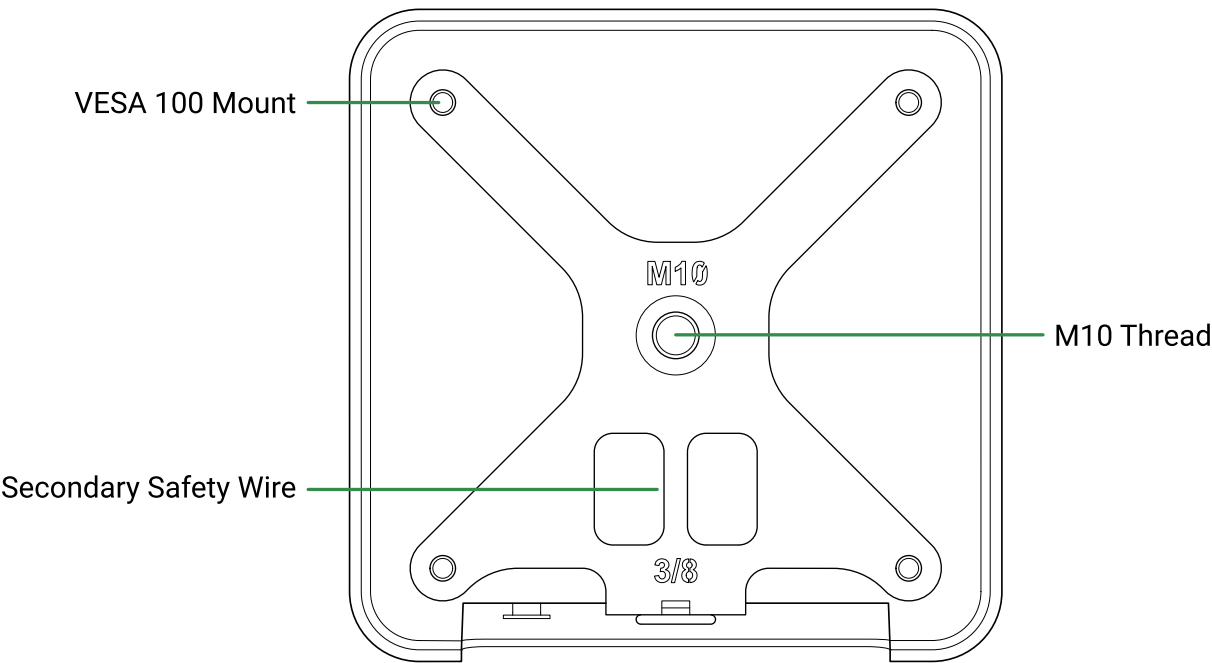
3/8" Mounting Socket

The metal 3/8" mounting socket enables flexible mounting with various stands or clamps.

USB-C Power Input

The USB-C port can be connected to a USB power supply (5V, 3A) as a secondary power source or in stand-alone applications.

Rear panel



M10 Mounting Socket

The metal M10 mounting socket adds more options for secure installation using clamps.

VESA 100x100 Mounting Plate

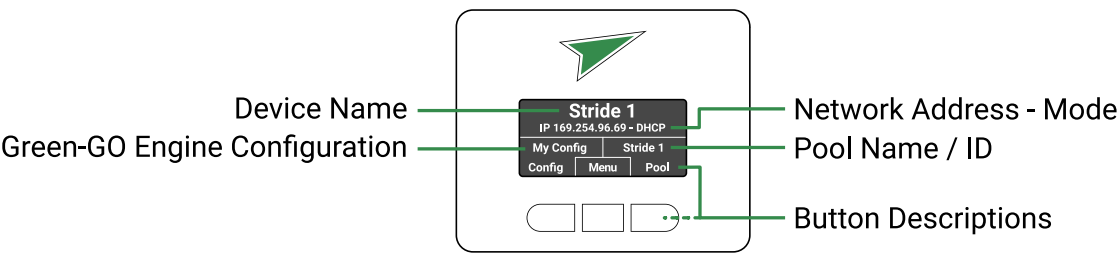
The metal VESA 100 mount points make the device compatible with *off-the-shelf* solutions for wall or ceiling installations.

Secondary Safety Wire

A metal latch for secure connection to a secondary safety wire.

The user interface

The user interface consists of a high-contrast *E-Ink* display, three dynamic function buttons, and two status indicators for [DECT](#) and the [Green-GO Engine](#).



The display provides an overview of the device and its configuration by default. The function of the three buttons is indicated at the bottom of the screen.

? Additional Information

The E-Ink display will always appear as active, indicating its last state before it was turned off. Usually, this should be the main screen, displaying information about the used configuration and pool.

By default, the three function buttons below the display provide quick access to the following parts of the [setup menu](#):

Config

The [Config](#)  provides direct access to the [Config](#) submenu, allowing you to join a different configuration if available.

Menu

The [Menu](#)  provides access to the [setup menu](#), enabling you to change all available device configurations.

Pool

The [Pool](#)  provides direct access to the [DECT configuration](#), allowing you to manage your wireless system quickly.

? Additional Information

Actuating a function button on the default screen requires an *intentional press* that should last at least a second.

The DECT status indicator

The Green-GO logo on top of the display is backlit and functions as a status indicator for the DECT module and its roaming performance (PTPv2 link status). This makes it easy to spot potential problems with *seamless roaming* in your setup, for example.

Color/State	Name	Description
 Blue/Static	Initialize PTPv2	Initialization of the PTPv2 connection, master clock negotiations, and initial setup. The DECT module is disabled during this phase.
 Orange/Static	PTPv2 Sync	Synchronization of the internal clock to the master clock. In this phase, the DECT module becomes enabled, and the stability of the PTPv2 link is analyzed.
 Green/Static	PTPv2 Sync OK	The PTPv2 link is stable, and the internal clock is locked and synchronized to the PTPv2 master. In this state, things like <i>seamless roaming</i> will perform optimally, providing an interruption-free experience.
Green/Blinking	Discovery Mode	The DECT module broadcasts a discovery beacon, enabling all Green-GO wireless clients to automatically pair and connect to the antenna or wireless system.
		PTPv2 instability in the PTPv2 link to the master clock is detected. The

Color/State	Name	Description
 Red/Static	PTPv2 No Sync	roaming experience is potentially degraded and users may experience interruptions during handovers.



Additional Information

You can turn off the DECT status indicator in the [device settings](#), configuring `LED Intensity: Min`. However, each status change will light up the indicator briefly.

The status indicator

The Green-GO Engine status LED next to the USB-C connector at the [bottom](#) of the device indicates the current status of the [Green-GO Engine](#):

Color/State	Name	Description
Blue/Blinking	Network Down	The device is turned on, but it was unable to establish a network connection.
 Blue/Red	No Config Partner	The device is powered on, and the network is connected. However, no device using the <i>same</i> configuration file could be detected on the local network.
 Green/Static	Connected	The device is powered up and successfully connected with at least one other Green-GO device.
 Red/Blinking	Boot Mode	The device is turned on and is running in <code>Boot Mode</code> . This can either be because of a bad firmware update (<code>Firmware Error</code> is displayed on the screen) or because of user interaction during boot time (<code>Forced Boot</code> is displayed on the screen).

Quick start guide

Preparations

Before getting started, a few requirements should be met and checked:

- ✔ The STRIDE antenna is powered, either via the EtherCON connector ([PoE](#), IEEE 802.3af), or via the USB-C port (5V, 3A).
- ✔ The STRIDE antenna is a member of the correct configuration file.
- ✔ All STRIDE antennas have a cable connection to your local Green-GO network.
- ✔ All WBPX(SP) belt packs should use the firmware version 5.1.0 or later.
- ✔ The DECT module of all wireless clients should be reset and have no pairing stored.

Attention: Seamless Roaming

Seamless roaming **heavily relies** on network infrastructure that supports PTPv2 (IEEE 1588-2008) to perform optimally. Please check out our [network guidance](#) for more details on this topic.

Prepare a STRIDE antenna

There are a few simple steps to get your STRIDE antenna up and running:

1. Connect a power source

Additional Information

The E-Ink display will always retain its last state, just before it was shut off. To check and verify the current device state, look at the two LED indicators for [DECT](#) and the [device status](#).

You have two options to power your Green-GO STRIDE antenna:

1. Supply power via the network connection using a network switch or an inline injector with [PoE](#) (IEEE 802.3af) capabilities.
2. Connect the USB-C port to a USB power supply (5V, 3A).

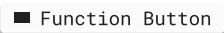
Once powered, the antenna will take about 8 seconds to boot up and display the main UI. The bottom status LED indicates the [status of the Green-GO Engine](#).

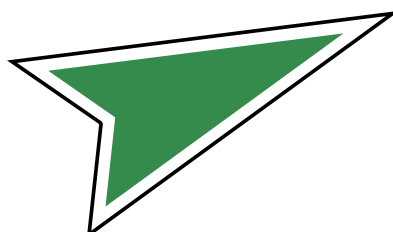
After booting, the Green-GO logo above the display will light up and indicate the [status of the DECT module](#) and PTPv2 synchronization. Making it easy to spot any potential problems with DECT or roaming performance.

Quick Tip

You can use both options simultaneously for redundant power supply to your STRIDE antenna. Alternatively, only using the USB-C port allows for a simple "stand-alone" setup, without the need for a [PoE](#) hardware.

2. (Optional) Configure the network connection

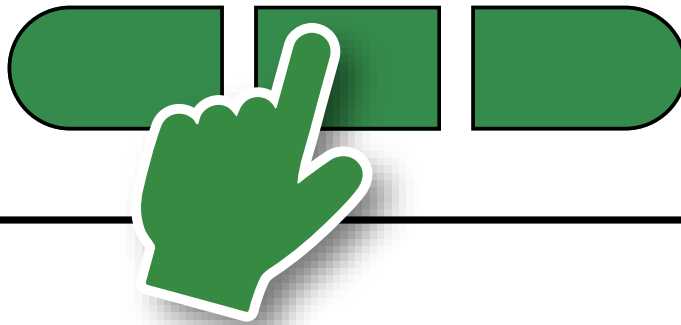
To connect your STRIDE antenna to the rest of your Green-GO system, you may need to configure the network connection. To do this, press the center  for approximately 1 second to enter the [setup menu](#).



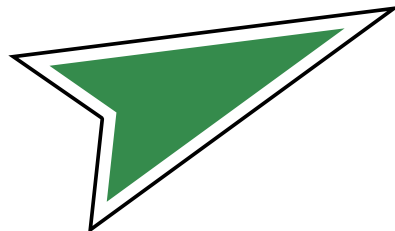
Stride 1

IP 169.254.96.69 - DHCP

My Config	Stride 1	
Config	Menu	Pool



Next, use the right **Function Button** to navigate to the **Network** submenu, followed by a press of the middle **Function Button** to enter.



Network

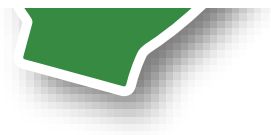
Exit

Dynamic: Yes

Address: 169.254.96.69

↑	Select	↓
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Here, you can either use the mode `Dynamic: Yes` for auto-configuration via DHCP or [link-local addresses](#), or `Dynamic: No` for manual network configuration.

Important Information

If using manual IP addressing with `Dynamic: No`, you must ensure all devices use the same subnet and netmask in their network configuration.

Setup Menu Guide



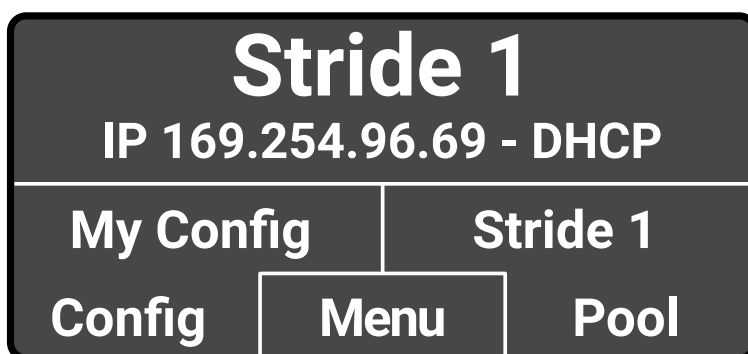
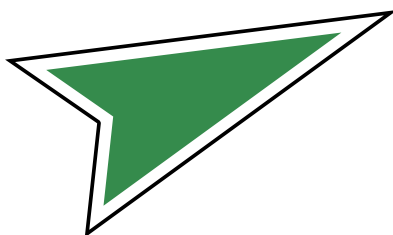
3. (Optional) Join a system configuration

Important Information

Be aware that all antennas **must use the same** system configuration to work correctly. Joining a different configuration will disconnect your antenna from the rest of any existing wireless system, making it impossible for client communications to traverse between your antennas.

A Green-GO communication system requires all devices to be members of the same system configuration. You can easily join any active configuration using a device's [setup menu](#).

The left  `Function Button` provides *quick* access to the respective `Config` submenu.





Here, you can either *reset* the device's configuration to the *factory defaults* or join any active configuration on the local network.

? Additional Information

Please note that the `Join Config` submenu only shows configurations the device itself is not using.

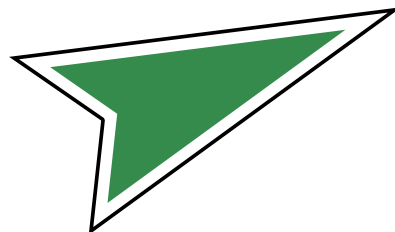
⚙ Setup Menu Guide



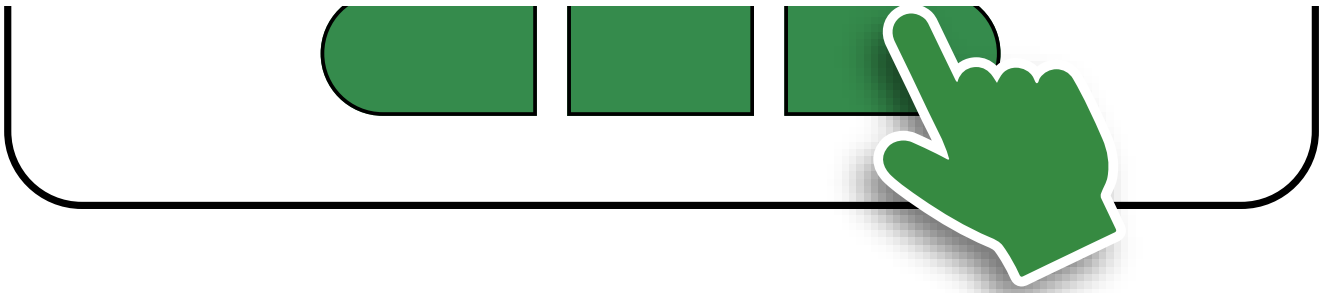
4. (Optional) Clear the DECT module

⚠ Important Information

Executing the `Clear` function will remove all configuration from the DECT module, causing the device to close all current DECT related connections.



Stride 1		
IP 169.254.96.69 - DHCP		
My Config	Stride 1	
Config	Menu	Pool



Sometimes, clearing the DECT module and starting anew can be beneficial to better troubleshoot a potential problem.

To do this, press the right labeled `Poo1` for approximately one second.

This enters the `DECT Poo1 setup menu`, where you'll find the `Clear` function at its bottom.

After navigating, you can execute the `Clear` function by pressing the central , labeled `Select`.

Setup Menu Guide



Prepare a WBPX belt pack

Important Information

Your wireless belt packs must use firmware version 5.1.0 or later. It is not possible to pair and connect a belt pack to your STRIDE antenna using earlier firmware.

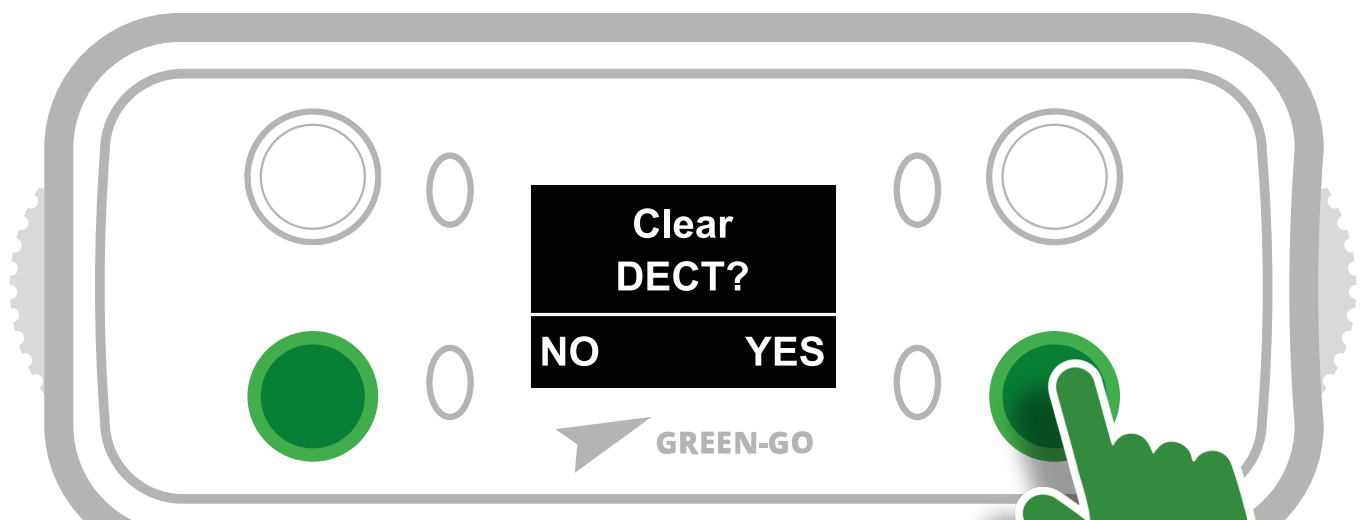
Please refer to our [firmware update guide](#) for additional help on updating a device's firmware.

It is always a good idea to reset the DECT module and clear your wireless belt pack pairing before connecting it to your STRIDE wireless system.

With a Green-GO WBPX or WBPXSP belt pack, there are two ways to do this:

1. Directly on device boot

Starting with firmware [version 5.1.0](#), a Green-GO WBPX or WBPXSP belt pack can be instructed to clear its DECT module on boot by pressing and holding the top-left while powering on the device.

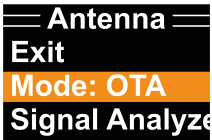




Doing so will start the device with a screen asking the user if the DECT module should be cleared. Pressing the bottom-left **● Button** (NO) will *cancel* the operation, and pressing the bottom-right **● Button** (YES) will continue, clearing the pairing and *resetting* the module.

2. Via the setup menu

You can clear the pairing of a client's DECT module via the **DECT setup menu**.



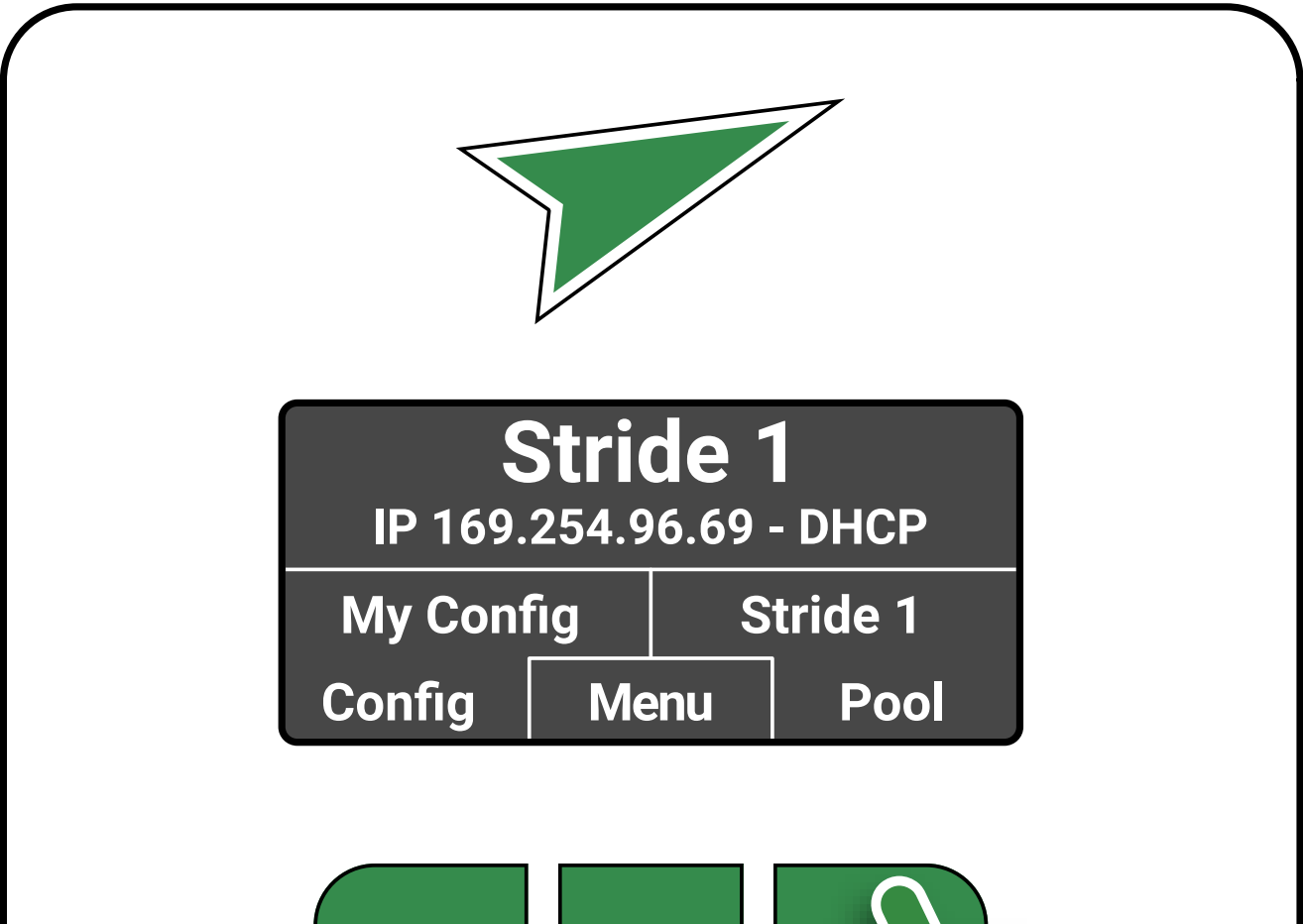
If an existing pairing is present, a **Mode** entry will be at the top of the menu. To clear the pairing, enter the respective **Mode** submenu and select the **Clear Pairing** function.

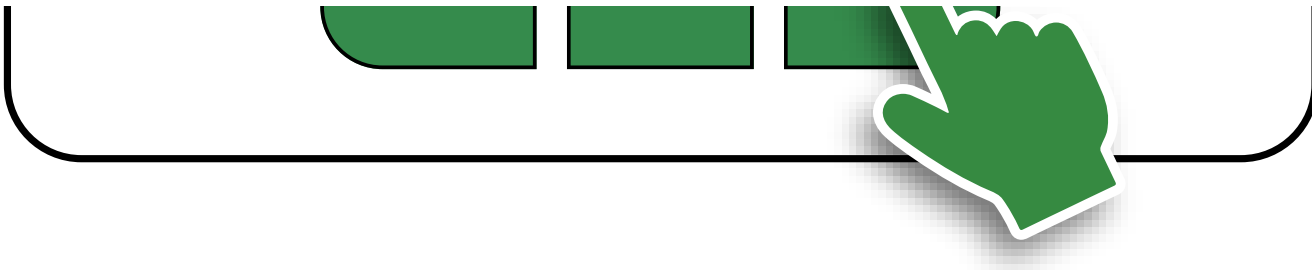
 **Setup Menu Guide** 

Setup a STRIDE wireless system

 Additional Information

This guide only covers the basics, aiming to get you started quickly. Please check out the **STRIDE wireless guide** for detailed instructions on how to *fully* configure and troubleshoot your wireless system and devices.





A wireless system can be created or joined directly from the device's [setup menu](#).

To *quickly* navigate, you can press the right Function Button labeled `Poo1`.

This will refresh the E-Ink display and switch to the [DECT Pool](#) setup menu. The function and label for all of the function buttons will change, enabling you to navigate the setup menu.

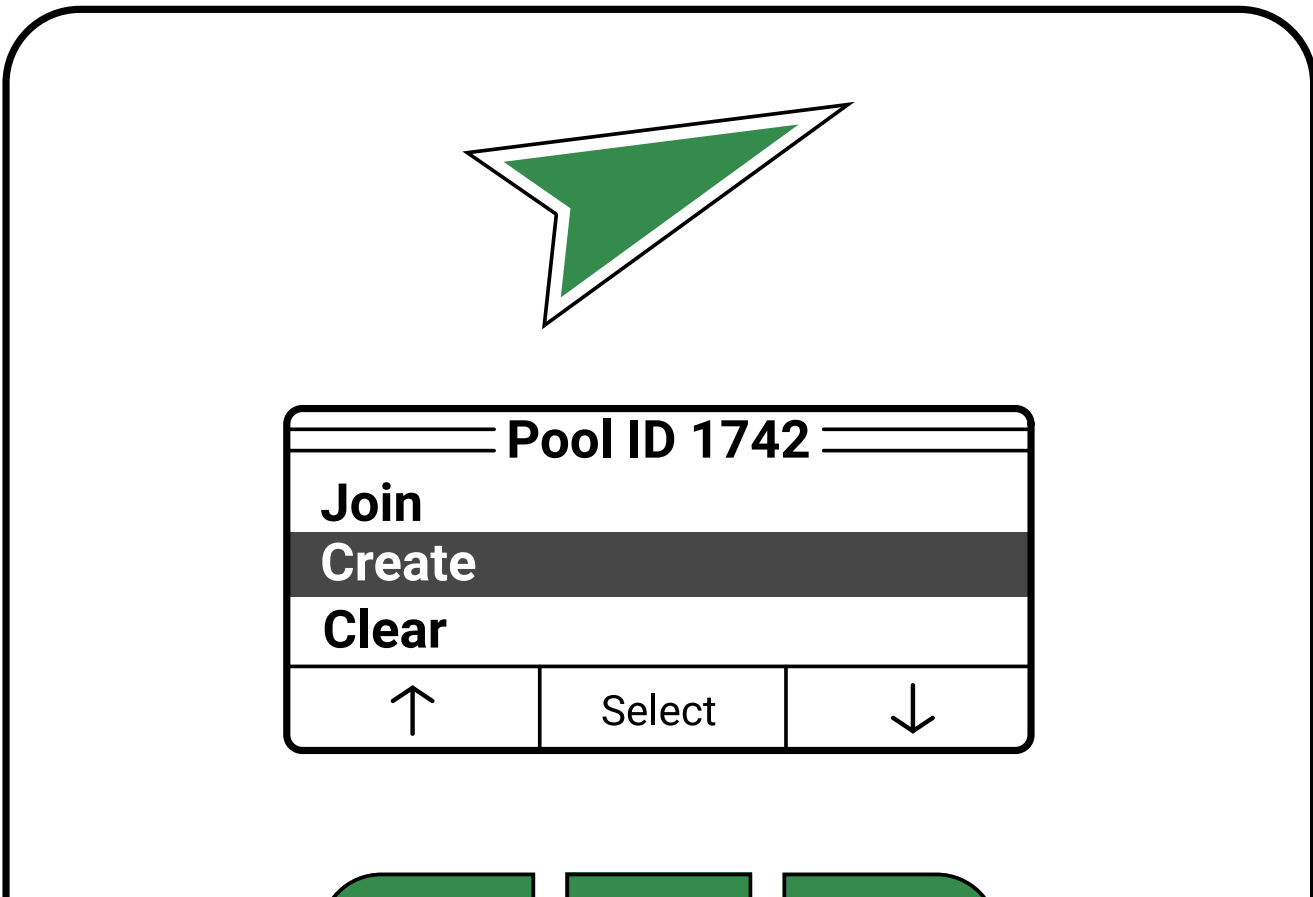
Here, you can create or join a wireless system, control device registration, and clear the DECT module.

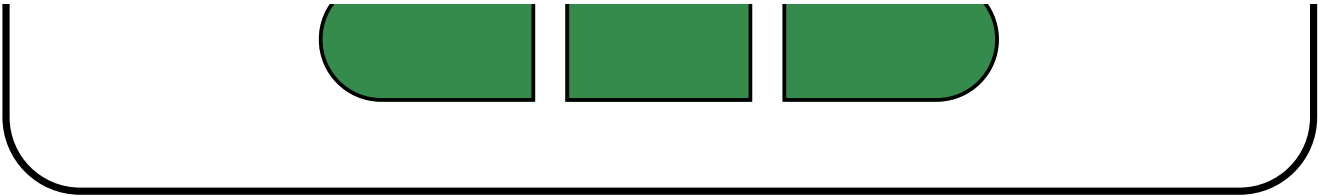
1. (Optional) Create a new pool

? Additional Information

When unpacking your first STRIDE antenna, creating a new Green-GO Pool is usually not required, as each STRIDE antenna comes already pre-configured from the factory. Instead, you should consider [joining](#) additional STRIDE antennas to the *same* Green-GO Pool.

From inside the `Poo1` menu, you can navigate to the `Create` submenu by using the three Function Buttons below the display.





Here, you will find the `Create Pool <#ID>` function, which randomly generates the `Pool ID` for the STRIDE Pool.

Executing the `Create Pool <#ID>` function by pressing the `Select`  `Function Button` will create a new wireless system or Green-GO STRIDE Pool, using a generic name like `Pool <#ID>`.

 Important Information

Please note that `Create Pool <#ID>` function *replaces* all configurations and re-initializes the DECT module, causing the antenna to drop any existing DECT client connection.

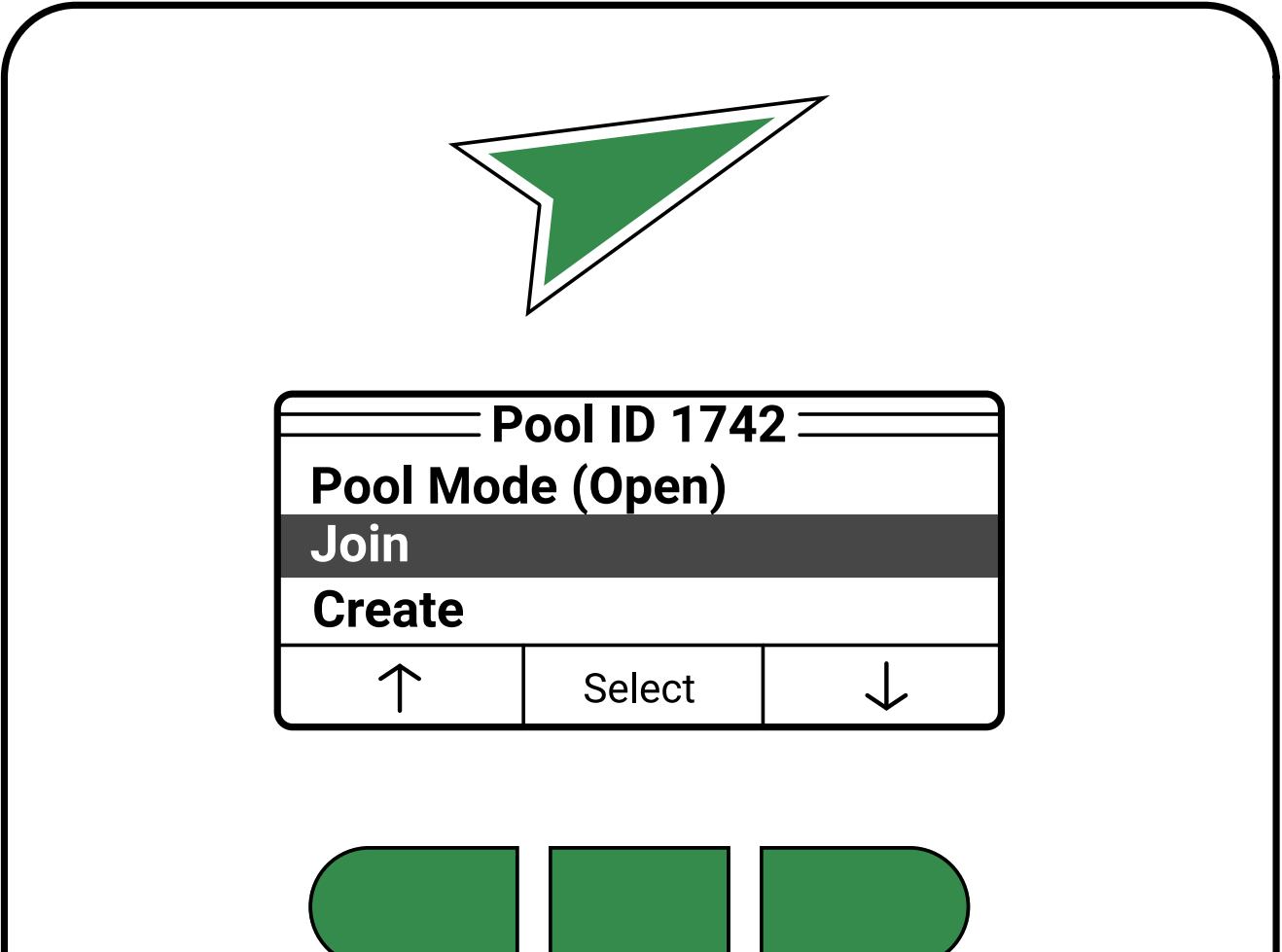
 Setup Menu Guide



2. (Optional) Join an existing pool

Using the STRIDE antenna, joining any existing STRIDE Pool via the local network to extend its range or local capacity is possible.

However, all STRIDE antennas must use the same system configuration, so you may have to [join the configuration](#) of your first antenna before being able to join an existing STRIDE Pool.





You can Join an existing STRIDE Pool by navigating to the [Join Pool](#) submenu inside the [DECT Pool](#) setup menu. Any STRIDE pool active on the local network and using the same system configuration will be listed here.

Selecting any pool from the list will bring up a confirmation screen. After confirming, your STRIDE antenna will join the pool, using the next available ID (1 to 250) as its identifier.

 **Additional Information**

Please note that it is not possible to join a STRIDE Pool "over the air". A functioning (PTPv2 supported) network connection between all your STRIDE antennas is a [prerequisite](#). Otherwise, client communication across antennas will not be possible.

 **Setup Menu Guide**

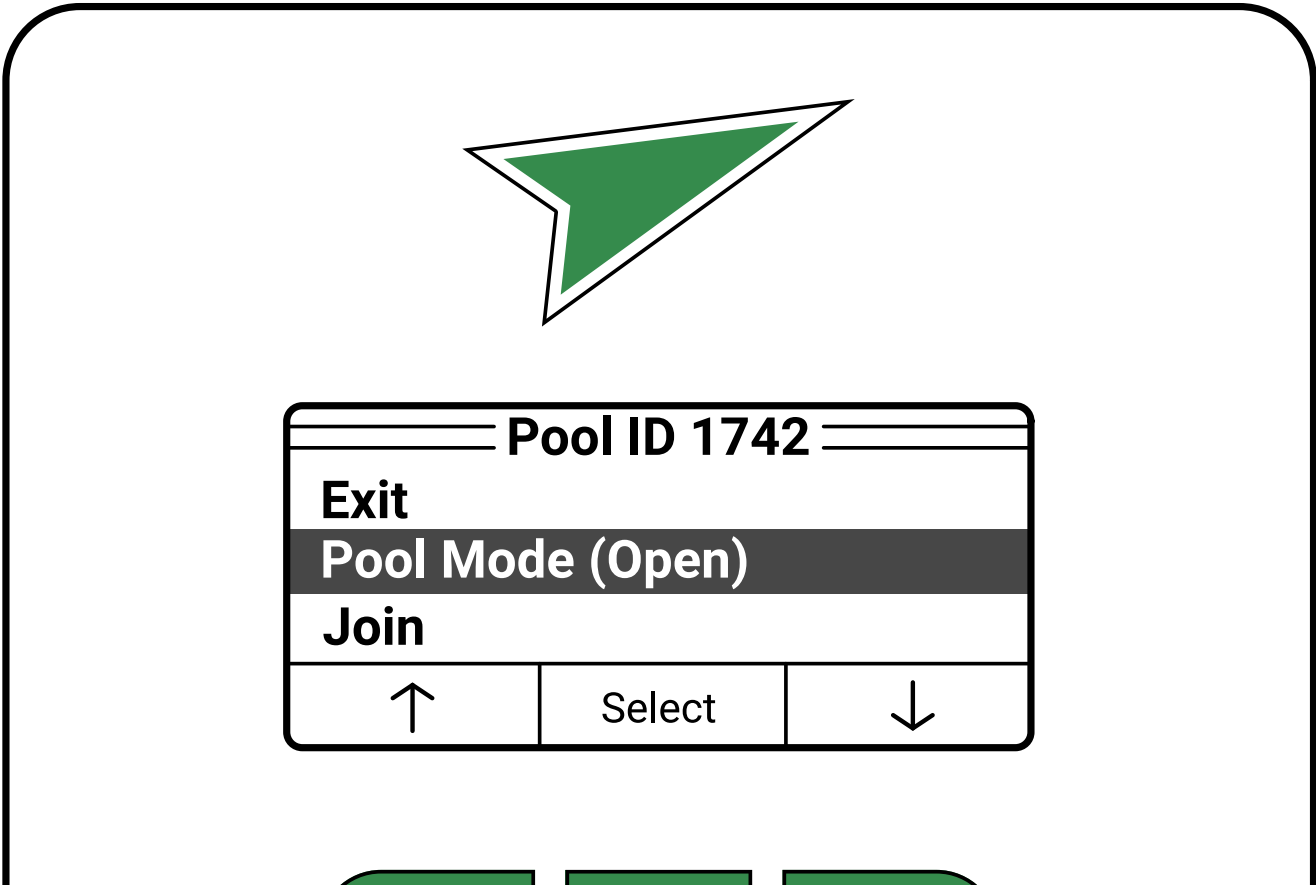
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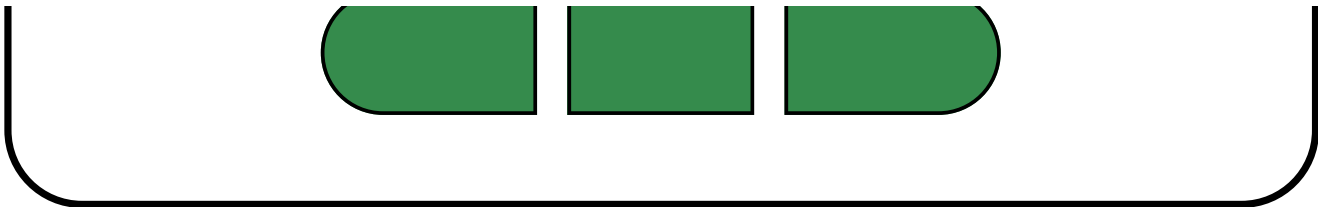
3. Add wireless clients

 **Important Information**

Please ensure your WBPX and WBPXSP wireless belt packs are using firmware version 5.1.0 or later. If that is not the case, you **must** [update](#) the firmware to make the devices compatible with your STRIDE antenna.

To add clients to your STRIDE Pool, you make the pool discoverable by changing the [Pool Mode](#). Doing so will enable any [unpaired](#) wireless client to automatically pair and connect to the pool.



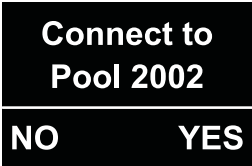


After selecting one of the [discoverable pool modes](#), *all* antennas of your STRIDE Pool will start broadcasting a discovery beacon over the air for the selected amount of time.



While the pool is discoverable, the display of all antennas changes to indicate the details of the STRIDE Pool while the [Green-GO logo flashes green](#) ➤.

Simultaneously, all *unpaired* wireless clients will detect the discovery beacon and display a screen, asking if a pairing with the STRIDE Pool should be performed. If confirmed,



the pairing will be stored on the client and all available antennas.

Shortly after, the client will automatically connect to any antenna in range with at least one unused connection. If multiple are available, the best connection will be chosen.

? Additional Information

If you decline a discovery beacon confirmation, you can recall it through the client's [setup menu](#) or by power-cycling the *unpaired* client. However, an active discovery beacon is required for the confirmation screen to appear again.

You can disable the discovery beacon at any time by changing the `Pool Mode` on any of your STRIDE antennas to either `Open` or `Closed`, where the latter prevents any client connections that are unknown to an antenna. With that said, it is generally recommended to use the `Open` mode, to prevent any problems with antennas that were offline during client registration.

⚠ Important Information

Be aware that you are able to pair more clients to your STRIDE Pool than your antennas may be able to provide connections to. As one STRIDE antenna is able to provide up to five simultaneous client connections, you will need to add additional STRIDE antennas to serve more than five clients per local area.

⚙ Setup Menu Guide



Update the firmware

To update the [firmware](#), a working network connection is required. Additionally, you will need to use the [Green-GO Control software](#) to perform the firmware up- or downgrade.

? Additional Information

Please take a look at our [firmware guide](#) for detailed step-by-step instructions on how to update the firmware.

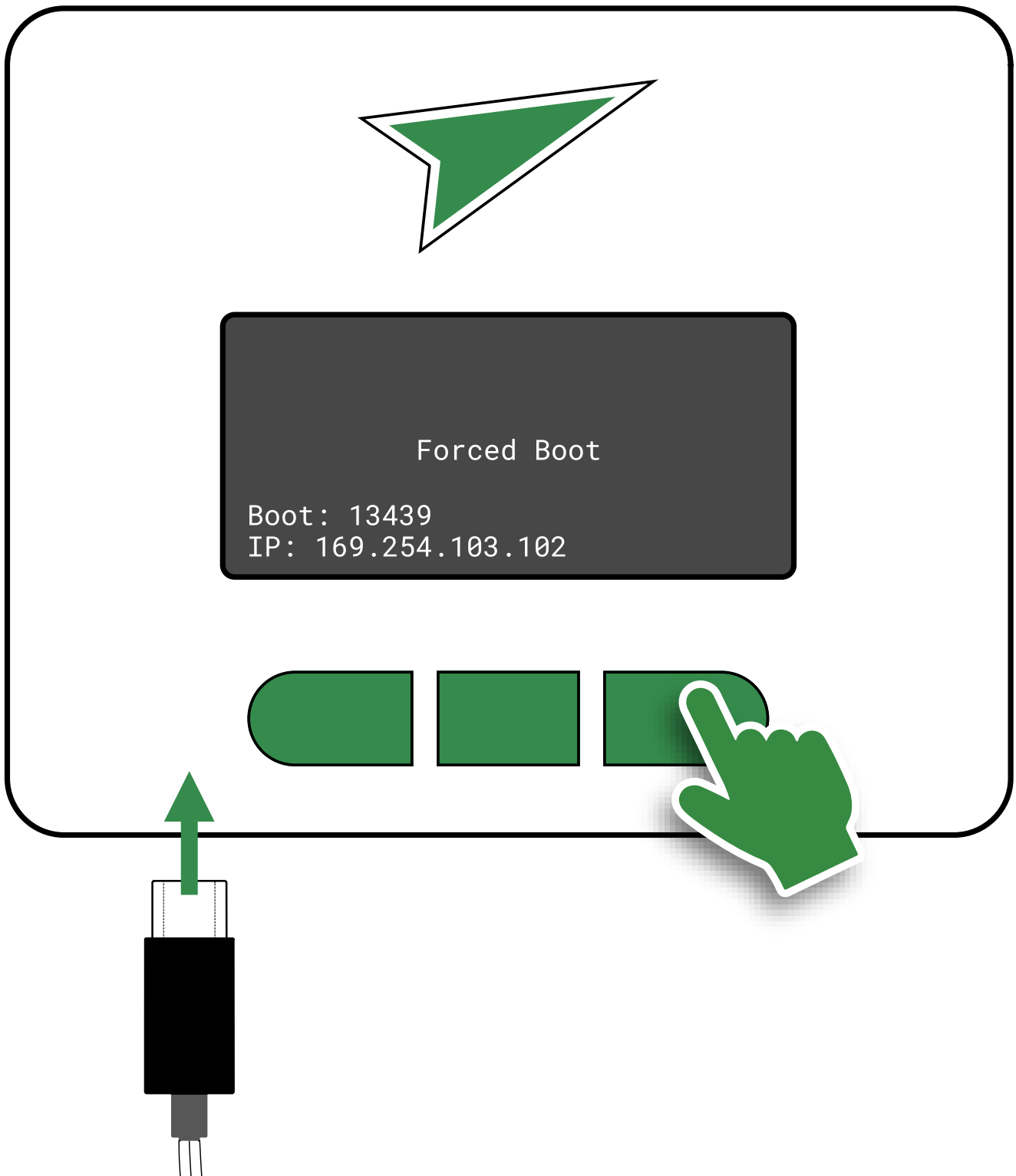
Important Information

A network connection is required, it isn't possible to update the device's firmware using the `USB-C` port.

Clear the memory cache

Specific situations like updating to a major or minor firmware version may require you to clear the memory cache to ensure or return to optimal operation.

To clear the memory cache of your STRIDE antenna, you first need to start the device in `Forced Boot` mode by pressing and holding the right `Function Button` while powering up the device.



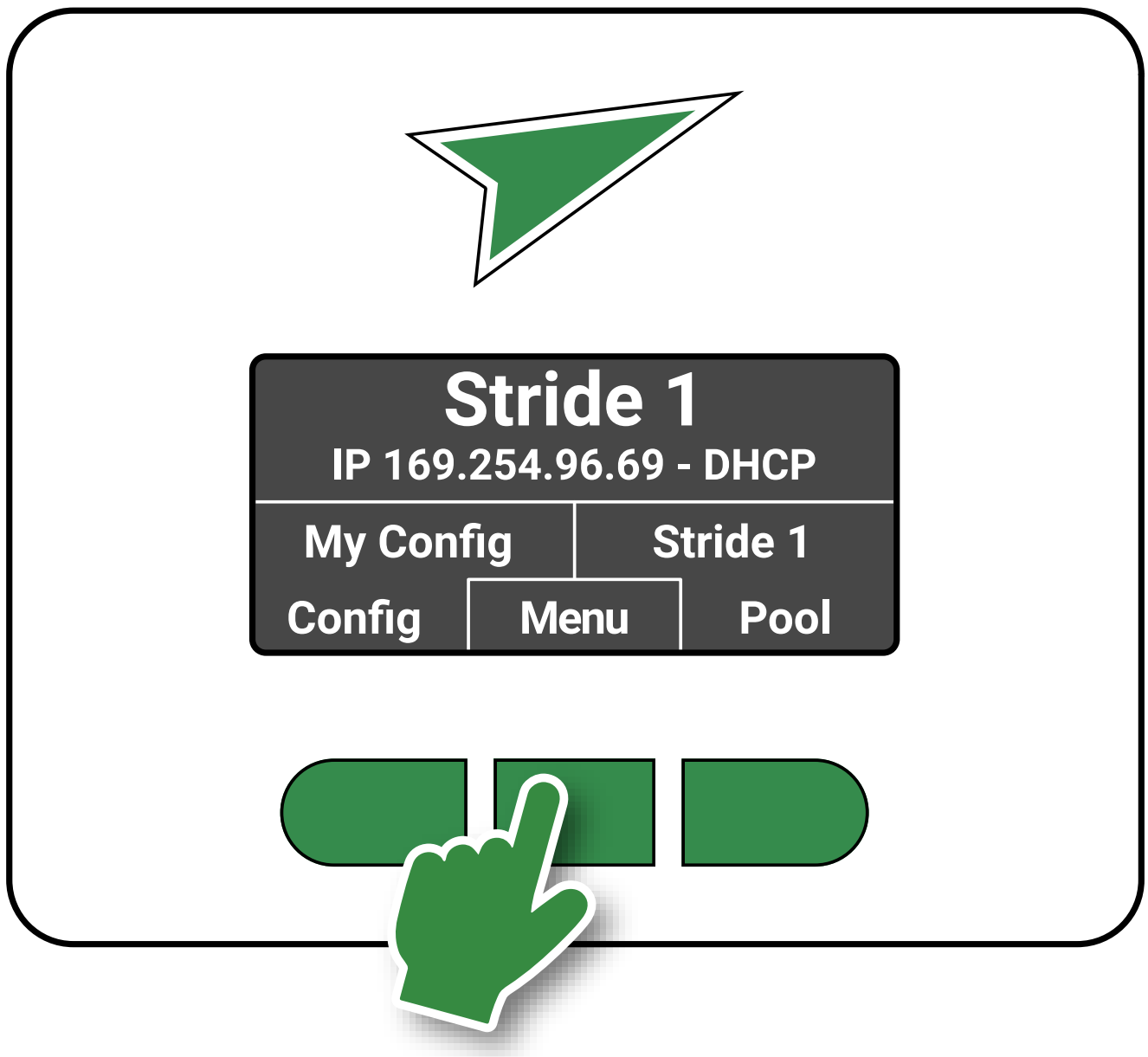
You can release the button as soon as the display shows **Forced Boot**. To perform the memory clear, you need to press and hold the right **Function Button** again for approximately 30 seconds. While doing so, a 30 second countdown appears on the display.

Once the countdown is replaced by **Memory Erased**, the memory cache is cleared and the button can be released. Finally, reboot the device by power-cycling to return to normal operation using *factory default* settings and system configuration.

The setup menu

The setup menu allows *local* access to almost all user and device configuration properties. All changes in the setup menu are done and stored locally on the device and are persistent unless overwritten.

You can enter the setup menu from the default screen by *intentionally* pressing the central **Function Button** for approximately one second.



Once inside the setup menu, the function of the three **Function Buttons** changes, providing controls to navigate the menus. To quickly exit the setup menu, you can press the left **Function Button** and right **Function Button** simultaneously from any point in the menu.

Device

The **Device** submenu holds all configuration relevant to the available device hardware.

LED INTENSITY

The option **LED Intensity** controls the brightness of the DECT/PTPv2 status (Green-GO logo).

✚ Setup menu:	Device ▶ LED Intensity
↔ Option range:	Min, 1 – 6 (1 increments), Max
⦿ Default:	4

DECT Pool

The **DECT Pool** submenu contains all properties and options to configure and setup a Green-GO STRIDE wireless system.

POOL MODE

The **Pool Mode** determines if and how wireless Green-GO devices will be able to pair and connect to a STRIDE Pool.

Option	Description
Open	Will accept connection attempts from Green-GO wireless clients that have stored a valid pairing, even though the antenna does not.
Discoverable: 5 Minutes	The STRIDE antenna will broadcast a discovery beacon for 5 minutes. Such a discovery beacon will be picked up by any unpaired Green-GO wireless clients and enable "one-click" pairing.
Discoverable: 15 Minutes	The STRIDE antenna will broadcast a discovery beacon for 15 minutes. Such a discovery beacon will be picked up by any unpaired Green-GO wireless clients and enable "one-click" pairing.
Discoverable: 1 Hour	The STRIDE antenna will broadcast a discovery beacon for 1 hour. Such a discovery beacon will be picked up by any unpaired Green-GO wireless clients and enable "one-click" pairing.
Closed	Only stored pairings are allowed to connect to the STRIDE Pool. No unknown clients will be able to pair or connect.

✚ Setup menu:	DECT Pool ▶ Pool Mode
↔ Option range:	Open, Discoverable: 5 Minutes, Discoverable: 15 Minutes, Discoverable: 1 Hour, Closed
⦿ Default:	Open

Join Pool

The `Join Pool` submenu lists all STRIDE Pools available on the local (wired) network. All pools listed are listed by their name and do not necessarily include the `Pool ID`.

 Important Information

Be aware that this menu only lists STRIDE Pools if the device uses the same local network and system configuration as other STRIDE antennas. Additionally, pools can't be joined "over-the-air".

POOL NAME

If a pool is selected from the list, the configuration of the DECT module will be overwritten and the pool is joined. All currently ongoing DECT client connections will be closed.

✚ **Setup menu:** DECT Pool ▶ Join Pool ▶ Pool Name
<> **Option range:** Available STRIDE Pools
↻ **Default:** None

Create Pool

The `Create Pool` menu allows to create a new STRIDE Pool, replacing any existing configuration of the DECT module.

POOL < POOL ID >

When entering the `Create Pool` menu, the device will automatically generate a generic pool name using the schema `Pool <Pool ID>`.

Selecting and actuating the generated entry will override any existing configuration of the DECT module and drop any potentially ongoing client connections.

✚ **Setup menu:** DECT Pool ▶ Create Pool ▶ Pool < Pool ID > ▶
↻ **Default:** None

Clear

The `Clear` function allows you to remove any pools and configuration from the DECT module.

YES / NO

Actuating the `Clear` function by selecting `Yes` will remove any pools and configuration from the DECT module and may cause the device to close any ongoing DECT client connection.

✚ **Setup menu:** DECT Pool ▶ Clear ▶ Yes

Country: EU

This option informs about the current regional configuration of the DECT module.

? Additional Information

Changing this configuration is not possible via the device's setup menu and requires the Green-GO Control software.

Network

The `Network` submenu allows to configure the network interface of the device. The configuration supports two modes for *dynamic* and *static* configurations.

Dynamic: Yes

`Dynamic: Yes` autoconfigures the network interface, either listening to a local DHCP server or autoconfiguring a `169.254.0.0/16` IPv4 address.

Dynamic: No

`Dynamic: No` allows for manual network configuration.

ADDRESS

The option `Address` defines the private IPv4 address of the device.

✚ Setup menu:	Network ▶ Dynamic: No ▶ Address
↔ Option range:	0.0.0.0 - 255.255.255.255
↻ Default:	Unset

NETMASK

The option `Netmask` defines the local subnet of the device.

✚ Setup menu:	Network ▶ Dynamic: No ▶ Netmask
↔ Option range:	0.0.0.0 - 255.255.255.255
↻ Default:	Unset

GATEWAY

The option `Gateway` defines the local network gateway.

✚ Setup menu:	Network ▶ Dynamic: No ▶ Gateway
↔ Option range:	0.0.0.0 - 255.255.255.255
↻ Default:	Unset

PTP

Changes to this are still pending. Documentation will be added at a later point.

Config

The `Config` submenu allows loading configurations onto the device without the use of the Green-GO Control software.

🔔 **Tip:** The currently used configuration can be viewed in the [Info](#) submenu.

Join Config

This submenu lists all *active* configurations in a local network. However, the configuration currently used by the device will not be shown.

AVAILABLE CONFIGURATIONS

Clicking on any entry will bring up a confirmation screen. Pressing the option [Join](#) will load the configuration onto the device.

🔔 **Notice:** Depending on the [security setup](#) of a configuration, you may be asked to provide a *config password* before being allowed to join.

⬆ **Setup menu:** Config ▶ Join Config ▶ Configuration Name

Default Configuration

This submenu allows loading a *custom* default configuration.

🔔 **Tip:** You can [define a custom configuration](#) with the help of the Green-GO Control software.

LOAD

The *custom default* configuration file will be loaded by clicking the 'Load' property.

⬆ **Setup menu:** Config ▶ Default Configuration ▶ Load

Factory Default

This submenu allows loading the *factory default* configuration file.

LOAD

The *factory default* configuration file will be loaded by clicking the 'Load' property.

⬆ **Setup menu:** Config ▶ Factory Default ▶ Load

Info

The [Info](#) submenu makes the essential configuration settings available to view in one place. Some of the options available provide tools for debugging the device or system.

Name

This option indicates the name of the device.

✚ Setup menu: Info ▸ Name

Config

This submenu shows the information regarding the current configuration file used by the device.

The provided information can be useful when debugging problems regarding devices that are out of sync.

NAME

This option shows the name of the currently active configuration file.

✚ Setup menu: Info ▸ Config ▸ Name

STAMP

This option shows the timestamp of the currently active configuration file.

✚ Setup menu: Info ▸ Config ▸ Stamp

SAMPLE RATE

This option shows the sample rate used by the currently active configuration file.

✚ Setup menu: Info ▸ Config ▸ Sample Rate

MULTICAST IP

This option shows the currently set multicast IP of the configuration file.

✚ Setup menu: Info ▸ Config ▸ Multicast IP

ID

This option shows the *unique ID* of the currently active configuration file.

✚ Setup menu: Info ▸ Config ▸ ID

IP

This submenu shows the current IP address of the device and allows to ping a remote IPv4 target to verify the current network connection.

PING

This option allows defining an IPv4 target to be pinged.

✚ Setup menu: Info ▸ IP ▸ Ping

PACKETS

This option allows initiating the ping script, sending out 10 consecutive pings to the defined target. Also, this option acts

as a total packets counter, showing how many packets have been sent.

🔔 **Info:** Activating this option a second time will restart the ping function and reset the counters.

⬆ **Setup menu:** Info ▶ IP ▶ Packets

Packet Statistics

Lost

Counter showing the numbers of packets lost during the last run of the ping script.

Avg

The average response time recorded for the last run of the ping script.

Min

The minimum response time recorded for the last run of the ping script.

Max

The maximum response time recorded for the last run of the ping script.

⚠ **Attention:** On a local Green-GO network, the response times shouldn't exceed 1 millisecond.

Firmware

This option indicates the current firmware version the device is using.

Serial

This option displays the device's serial number.

⬆ **Setup menu:** Info ▶ Serial

MAC

This option shows the hardware address (MAC) of the network interface.

⬆ **Setup menu:** Info ▶ MAC

Encrypted / Not Encrypted

This submenu holds all functions and available configuration for AES256 audio encryption. The current state of the encryption is indicated by this menu's title.

ENABLE CHANGE

This options allows the user to toggle the AES256 audio encryption, if configured.

✚ Setup menu: Info ▶ Encrypted ▶ Enable Change

Uptime

This option shows the current running time of the device.

✚ Setup menu: Info ▶ Uptime

Reset to Defaults

This submenu allows resetting the complete device or parts of the configuration back to the *factory defaults*.

RESET NETWORK

This option allows resetting the network configuration back to the *factory defaults*.

✚ Setup menu: Info ▶ Reset to Defaults ▶ Reset Network

RESET DEVICE

This option allows resetting the device configuration back to the *factory defaults*.

✚ Setup menu: Info ▶ Reset to Defaults ▶ Reset Device

FACTORY RESET

This option allows resetting the complete device back to *factory defaults*.

✚ Setup menu: Info ▶ Reset to Defaults ▶ Factory Reset

Technical specifications

General

Product Order Codes:	GGO-STRIDEDAE (Europe) GGO-STRIDEDAU (USA & Canada)
Compatible with:	Green-GO WBPX belt pack Green-GO WBPXSP sports belt pack
Connectors:	1 x Neutrik RJ45 etherCON (10/100 Mbps) 1 x USB-C (power input)
User Controls:	3 x Buttons
User Interface:	1 x 2,13" E-Ink display 2 x RGB status LED
Display Resolution:	212 x 104 pixel

Wireless

Simultaneous Connections:	Max. 5 clients
Supported Standards:	EU-DECT, 1880 – 1900 MHz DECT 6.0, 1920 – 1930 MHz
Certification:	ETSI (EU-DECT, compliant with ETSI 300 444 and ETSI 301 406) FCC
Frequency Spectrum:	1870 MHz – 1930 MHz
Receiver Sensitivity:	< -93 dBm
Transceiver Output Power:	<i>EU:</i> 23 dBm (1881 - 1897 MHz) <i>USA:</i> 20 dBm (1921 - 1928 MHz)

Antenna specification

Manufacturer name:	2J Antennas
Antenna type:	PCB
Antenna gain:	4.4 dBi

Electrical

Power Input:	<i>Power over Ethernet:</i> IEEE 802.3af 48-56 VDC <i>USB-C (optional):</i> 5 VDC
Power Usage:	10 Watt <i>typical</i>

Physical

Dimensions (H/W/D):	53 x 140 x 140 mm
Weight:	360 g
IP Rating:	IP 53
Environmental:	Operational temperature 0° – +55°C Humidity 20% RH to 90% RH
Mounting:	1 x 3/8" thread 1 x M10 thread 1 x VESA 100x100 mounting plate 1 x Secondary safety wire latch

FCC Caution

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, and (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: 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 equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Downloads

Firmware

-  [Latest firmware \(ZIP archive\)](#) 
-  [Firmware archive](#) 

Other

-  [Technical drawings \(ZIP archive\)](#) 

 May 22, 2025  December 16, 2024  [Jeroen Snoeijsen, Timo Toups](#)