Nova Lume

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Creating a Wireless X-Pool

What is an X-Pool?

The Green-GO GGO-WAA supports two connection types for pairing to either the GGO-WBPX or GGO-WBPXSP, the Over the Air (OTA) pairing method or the X-Pool Method. Using the X-Pool method allows for more flexibility and stability in the wireless system.

X-Pools allow for multiple antennas to be used to a set of wireless devices, allowing for roaming between antennas. X-Pools currently support up to 4 Wireless Beltpacks and up to 7 Antennas per pool.

Roaming between Antennas in a pool is not seamless. There will be a disconnect in

communications when the wireless belt pack is moving between antennas.

When creating the pool, it is important to double check that all devices that will be added to the pool are all using the same DECT region settings. The pool cannot be created between multiple DECT Regions. This can be determined by connecting the device to Green-GO Control.

A device can only be used in 1 pool at a time. Once it is placed in the pool, the device will be removed from all previous pairings/pools.

How do I create an X-Pool?

- 1. Connect GGO-WAA to network with an instance of Green-GO Control running.
- 2. Connect GGO-WBPX to computer running Green-GO Control via USB.
- 3. Join/Adopt Devices into Configuration.
 - All GGO-WAA and GGO-WBPX devices must be in the same DECT Region and Configuration. DECT region can be found by double clicking the device under the Connections Menu > Network Tab (For GGO-WAA) or USB Tab (For GGO-WBPX)
- 4. Navigate to the Pools tab in Green-GO Control.



6. This will open a new dialog box for creating the pool. Start creating the X-Pool by giving it a name.

Add wireless pool	Name		×
1 Name	Name	Default Pool	
			NEXT

- 7. Select all GGO-WAA devices you want to add into the pool. One pool can support up to 7 GGO-WAA devices, allowing you to create a roaming environment for the GGO-WBPX devices. NOTE: Roaming between devices is not seamless meaning you will experience a drop in communications (between 4-8 seconds) when moving between antennas.
 - a. Add the antenna to the pool by selecting the grey plus sign next to the antenna from the list of available antennas.

Add wireless pool	Access points						
1 Name	Add Access Points to Please note that Acce Access Points will be	① Add Access Points to this pool. Please note that Access Points can only be added to a pool when they are connected and adopted. Access Points will be programmed at the end of this assistant. Disconnecting an Access Point prior to finishing the assistant will not program the Access Point and possibly leave it in an undesired state.					
2 Access points 3 Clients	Disconnecting an Acc an undesired state.						
	Access points	Pool	Selected access points				
	+ • ANT 4303						
			PREVIOUS	хт			

b. This will move the antenna from the Access Points Table and place it into the Selected Access Points Table

Add wireless pool	Access points					
1 Name	① Add Access Points to this pool. Please note that Access Points can only be added to a pool when they are connected and adopted.					
2 Access points	Access Points will be programmed at the end of this assistant. Disconnecting an Access Point prior to finishing the assistant will not program the Access Point and possibly leave it in an undesired state					
			×			
	Access points	Pool	Selected access points			
			- O ANT 4303			
			PREVIOUS			

- 8. After selecting all antennas, select the green NEXT button to begin selecting wireless devices.
- 9. Add the GGO-WBPX devices that are a part of this wireless pool.
 - a. Like the GGO-WAA, this is accomplished by selecting the grey plus sign next to the device you wish to add under the Clients Table.

Add wireless pool	Clients					
1 Name 2 Access points 3 Clients	Add Clients to this poor Please note that Clients Clients can be added o previous pairings and t When the programming	I. s can only be added to a Poc ne at a time. Adding a Client he action irreversible. g of the Client is ready it may	l when connect to a pool will im be disconnecte	ed via USB. mediately start the ed prior to finishing	e pairing of this device, the assistant.	will clear
	Clients	Pool	Selected	clients		
	+ 🙂 WBPX 1400	Ant X 4303				
	+ • WBPX 3237	Ant X 4303				
						NEXT

b. This will move the device from the Clients Table and place the device into the Selected Clients Table. You will immediately notice a loading sign. This is creating the pairing between the GGO-WBPX device and the GGO-WAA device.

Add wireless pool	Clients					
1 Name 2 Access points 3 Clients	(1) Add Clients to this pool. Please note that Clients can only be added to a Pool when connected via USB. Clients can be added one at a time. Adding a Client to a pool will immediately start the pairing of this device, will clear previous pairings and the action irreversible. When the programming of the Client is ready it may be disconnected prior to finishing the assistant.					
	Clients	Pool	X Selected clients WBPX 1400 WBPX 3237			
	(1) Please wait until pro	ogramming Clients is done				
			PREVIOUS			

c. Once the loading wheel turns to a grey minus sign, you may continue to the next step.

Add wireless pool	Clients		
1 Name 2 Access points 3 Clients	Add Clients to this Please note that C Clients can be add previous pairings a When the program	pool. lients can only be added to a Pool led one at a time. Adding a Client to and the action irreversible. nming of the Client is ready it may t	when connected via USB. to a pool will immediately start the pairing of this device, will clear be disconnected prior to finishing the assistant.
	Clients	Pool	Selected clients
			- 🔍 WBPX 1400
			- • WBPX 3237
			TREVIOUS NEXT

10. Select Next. Green-GO Control will give you a summary of changes made to the devices, including any changes made to other X-Pools. Devices can only be in one X-Pool at a time, so adding it to a new pool will remove it from its existing pool.

Add wireless pool	Summary	
1 Name	Added Pool: Default Pool	
2 Access points	AccessPoint	Client
3 Clients	ANT 4303	WBPX 1400 WBPX 3237
4 Summary		
'		
		PREVIOUS

11. After selecting Complete, you will notice the X-Pool on the Wireless Pools tab of Green-GO Control. Before you can use the device, double click on the pool you just created to complete the pairings. This will complete the configuration of the Antenna and allow your GGO-WBPX devices to connect to the GGO-WAA device.



ᅙ Wireless Acces	s points Clients Pools	Default Pool						EDIT
	Access Points				Clients			
	ld Id	⊤ Status	T Name 🔶 T	Status	τ Name	↑ ▼ Device status		
	1	Ap connected	ANT 4303		Client both connected	WBPX 3237	•000) -37 💌 100%	
					Client both connected	WBPX 1400	4411 -37 🔛 100%	
		ac	ccess points per page 25 1-1 of 1 A	ccess points			clients per page 25 1-2 of 2 Clients	

12. The X-Pool is now ready to use!