

How to Build a Bolero Standalone System



In the next few minutes, some of you will assemble the basic Bolero hardware components into a working system

- fastest time, WINS!

But first, a general overview of **BOLERO**

Modern Codec ADR

10 Beltbacks/Antenna

Plug & Play Registration

AES67 Networking

Redundant Power

System Islands

Walkie-Talkie Mode

ADR

Six Channel

Desktop Panel

Bottle Opener



WORKS EVERYWHERE

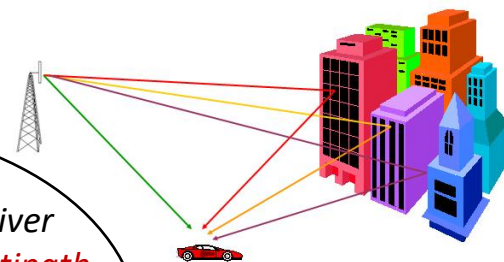
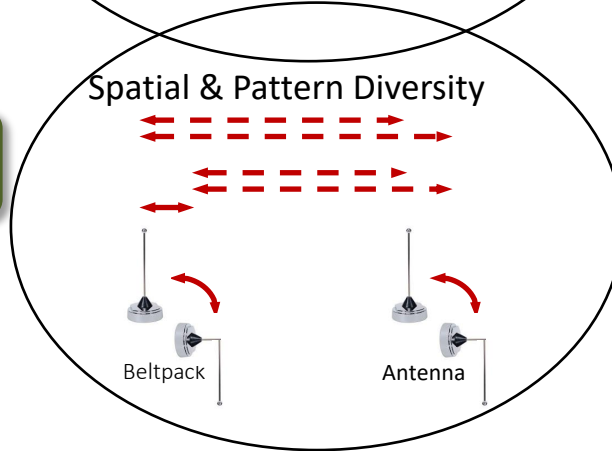
Multipath Tolerance

TWO technologies are used to improve multipath performance

Advanced DECT Receiver Multipath Suppression Processing

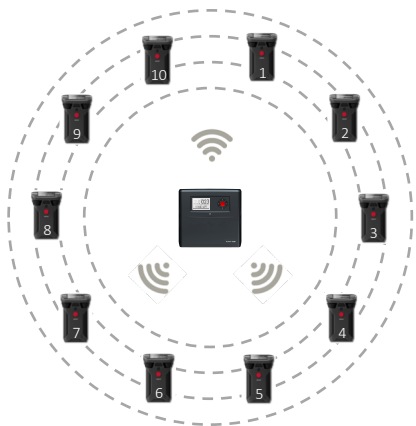
Antenna / Receiver Diversity

The advanced DECT receiver differentiates between **multipath reflections** to cancel **group** and **phase delay**, increasing the s/n ratio of the RF layer.



Resulting in best-in-class RF reflection tolerance!

Modern Codec



10 x beltpacks per antenna with roaming

Bolero uses the BV32 codec:
modern, low latency, & high clarity

Simple Plug & Play Registration



Method 1

Beltpack to Antenna NFC



Method 2

Beltpack to Beltpack NFC



Method 3

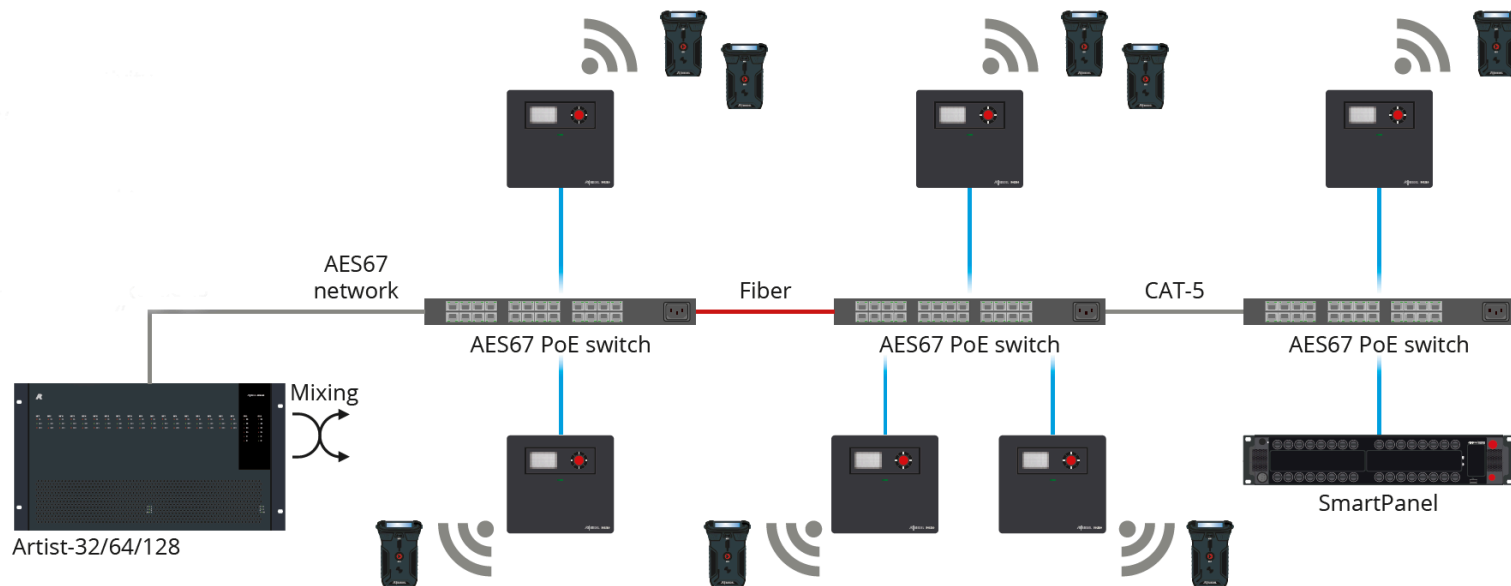
Beltpack over the Air



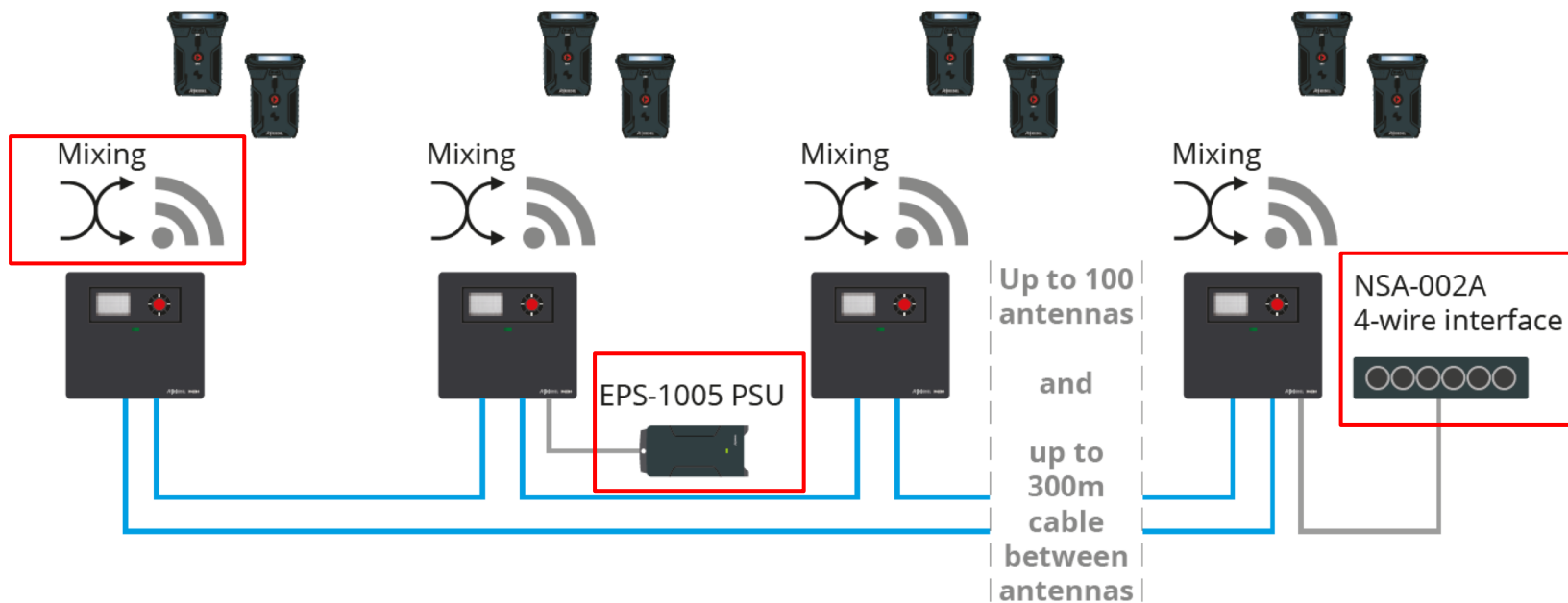
Three Modes of Operation



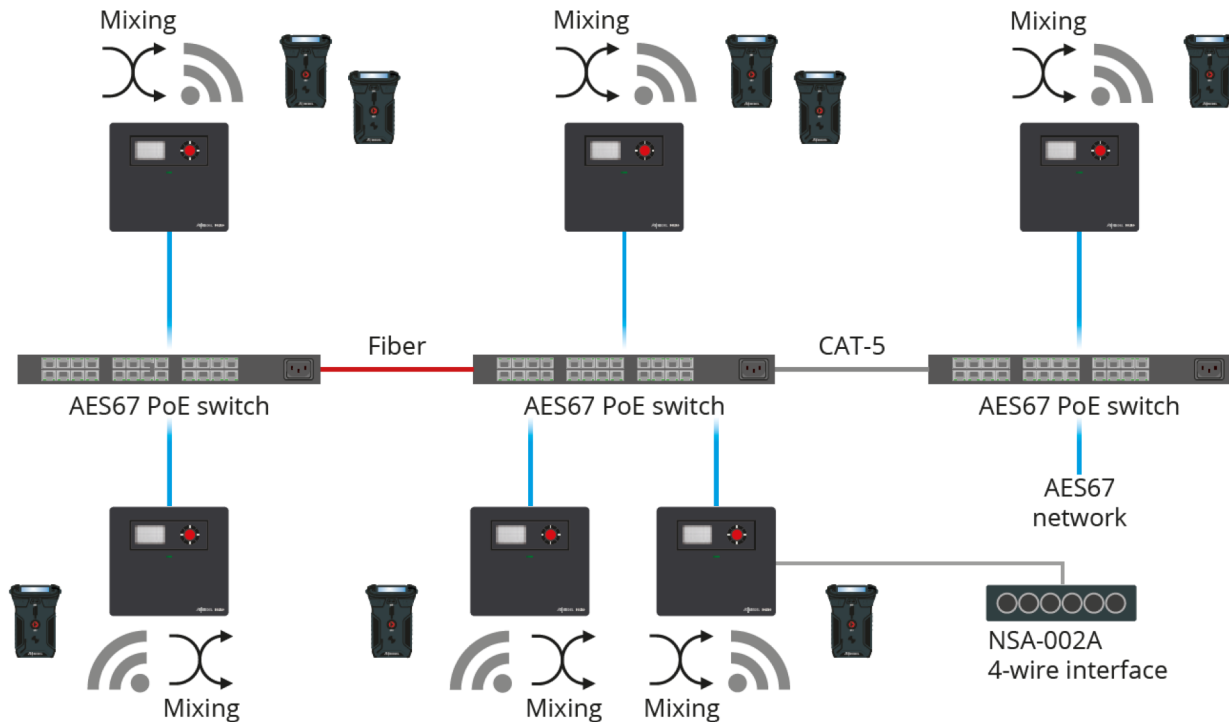
AES67 Integrated Mode



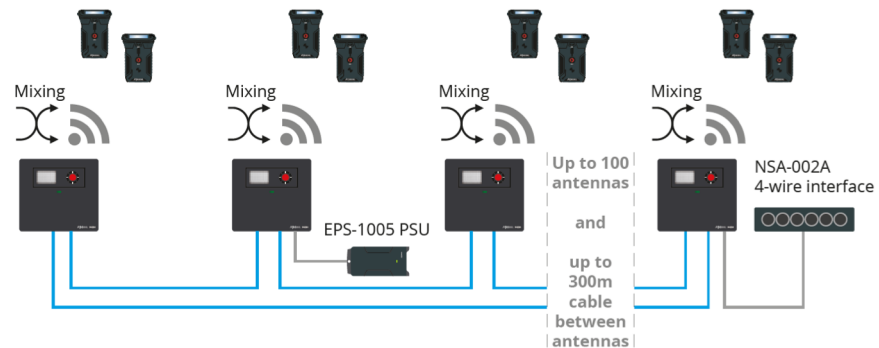
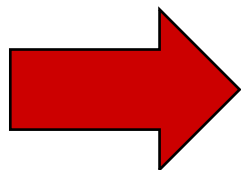
Standalone/Link Mode



Standalone 2110 (AES67) Mode



1st Contestant! Me!



Step 1 – Connect PC & Power Antenna

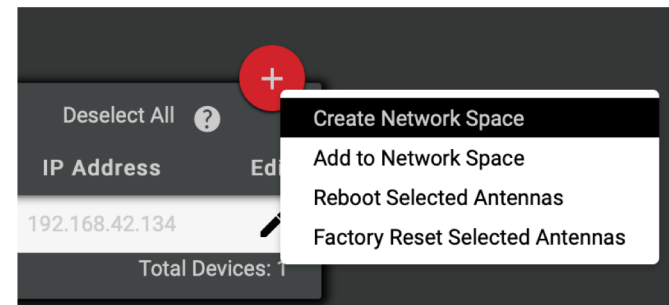
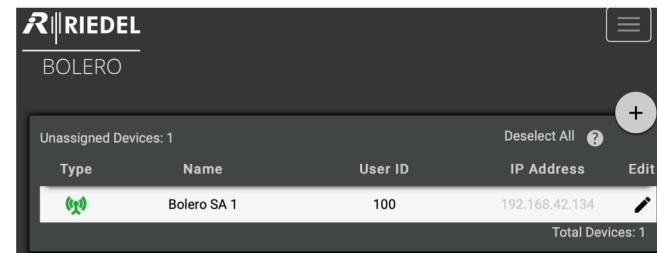
- Plug AC adapter into the antenna
- Run Ethernet cable from PC to Antenna AES67/C
- Wait for it to power up
- Note the IP address on antenna e-ink display



- Open a Browser window (expand to full screen) and enter IP Address as shown to launch Bolero Web UI

Step 2 – Create Network Space

- Select the Unassigned Antenna
- Click on the **+** and select **Create Network Space**
- **NAME** = AES-2019
- **System Mode** = Standalone/Link
- **Admin PIN** = 0000
- Click **Apply**



Create Network Space

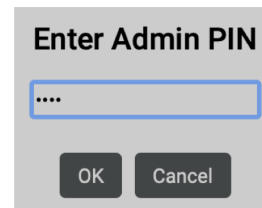
Name: AES-2019

System Mode: Standalone/Link ▼

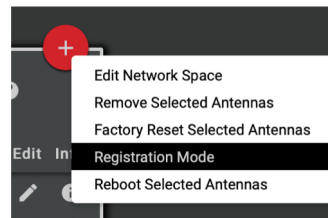
Admin PIN: 🔑 ▼

Step 3 – Register the Belt Packs

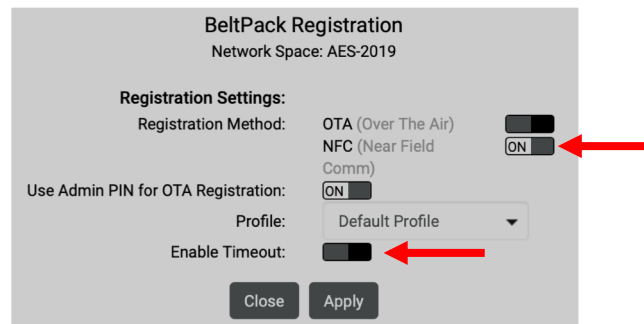
- Select the *Locked* symbol  and enter the pin **0000** to unlock and select **OK**





- Click on the  and select **Registration Mode**



- **NFC = ON**
- **Enable Timeout = OFF**
- Click **Apply**



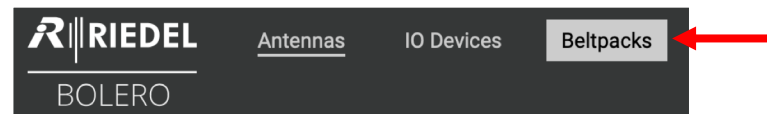
Step 3 – Register the Beltpacks

- Place the NFC logo  of the Beltpack onto the NFC logo  of the Antenna
- The Beltpack should vibrate indicating it is registered

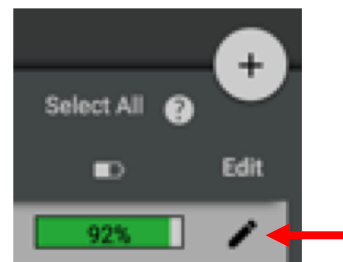


Step 4 – Edit Beltpacks

- Select **Beltpacks** along the top



- Click the **pencil icon** to edit BP#1



- Name = FOH
- User Id = 1
- Select **Apply and Close**

The screenshot shows the 'General' tab of the beltpack configuration screen. The 'Name' field is set to 'FOH' and the 'User Id' field is set to '1'. The 'Audio' and 'Keys' tabs are also visible at the top.

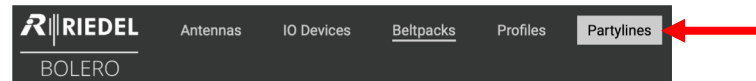
- Repeat for BP#2

- Name = Stage
- User Id = 2
- Select **Apply and Close**

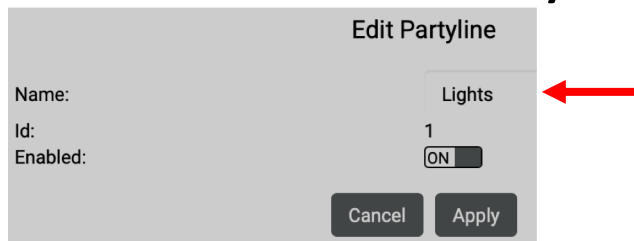
The screenshot shows the 'General' tab of the beltpack configuration screen for BP#2. The 'Name' field is set to 'Stage' and the 'User Id' field is set to '2'. The 'Audio' and 'Keys' tabs are also visible at the top.

Step 5 – Edit Partyines

- Select **Partylines** along the top
- Click the **pencil icon** to edit Partyine #1



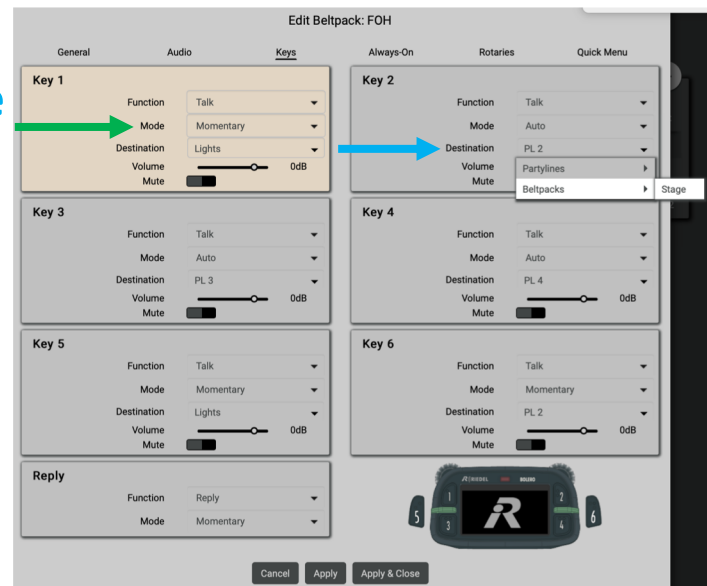
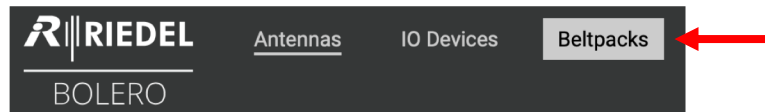
- Name = Lights
- Click **Apply**



A screenshot of the 'Edit Partyline' dialog box. The dialog has a title bar that says 'Edit Partyline'. Inside, there are three fields: 'Name:' with the value 'Lights', 'Id:' with the value '1', and 'Enabled:' with a toggle switch set to 'ON'. A red arrow points to the 'Name' field. At the bottom of the dialog are two buttons: 'Cancel' and 'Apply'.

Step 6 – Edit Beltpacks

- Go back to **Beltpacks**
- Click the **pencil icon** to edit BP#1
- Select **Keys** along the top
 - Set Key 1 **Mode = Momentary**
 - Set Key 2 **Destination = Beltpack – Stage**
 - Select **Apply & Close**
- Repeat for BP#2
 - Set Key 1 **Mode = Momentary**
 - Set Key 2 **Destination = Beltpack – FOH**
 - Select Apply & Close



We need 2 volunteers

What you'll need...

