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
Bolero: Best-in-Class Features!

Modern Codec    ADR
10 Beltbacks/Antenna
Plug & Play Registration
AES67 Networking    Six Channel
Redundant Power    Desktop Panel
System Islands    Bottle Opener
Walkie-Talkie Mode

Works Everywhere
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

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

10 x beltpacks per antenna with roaming
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

AES67 network

Fiber

CAT-5

SmartPanel
Standalone/Link Mode

Up to 100 antennas and up to 300m cable between antennas

EPS-1005 PSU

NSA-002A 4-wire interface
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/Config Port
- 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**
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**

• Repeat for BP#2
  - Name = Stage
  - User Id = 2
  - Select **Apply and Close**
Step 5 – Edit Partyines

• Select **Partylines** along the top.

• Click the **pencil icon** to edit Partyine #1.
  
  • **Name = Lights**
  
  • Click **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...