RAVENNA 2020 Webinar Series

Products & Applications: punQtum's Digital Intercom System

Tue, July 21, 2020
15:00 h (CEST)

Arie van den Broek

punQtum

PUNQTUM

ALC NetworX

Arie van den Broek, CEO, punQtum

- Arie has a background as a musician and sound engineer
- ProAudio veteran with a track record in the development of networked audio technologies
- As member of the AES, he helped develop AES67
- Driving force in democratizing sound using open standard technology

punQtum, Soest, The Netherlands

- Established 2019
- Office in Switzerland & Germany
- AES67-compatible digital intercom systems
- RAVENNA partner since 2019

Products & Applications: punQtum Digital Intercom

PUNQTUM

PUNQTUM DIGITAL INTERCOM

Webinar I: Introduction

May 2020

WHAT WE DO

We offer a **network-based** digital intercom system

- …that is **easy to use**
- …that works **from small to elaborate** team communication systems
- ...that gives you **all the benefits** of digital technology
- …but is **affordable**
- …that helps you to further **professionalize** your gig

OUR TECHNOLOGY STANDARDS

PUNQTUM

AUDIO AES67

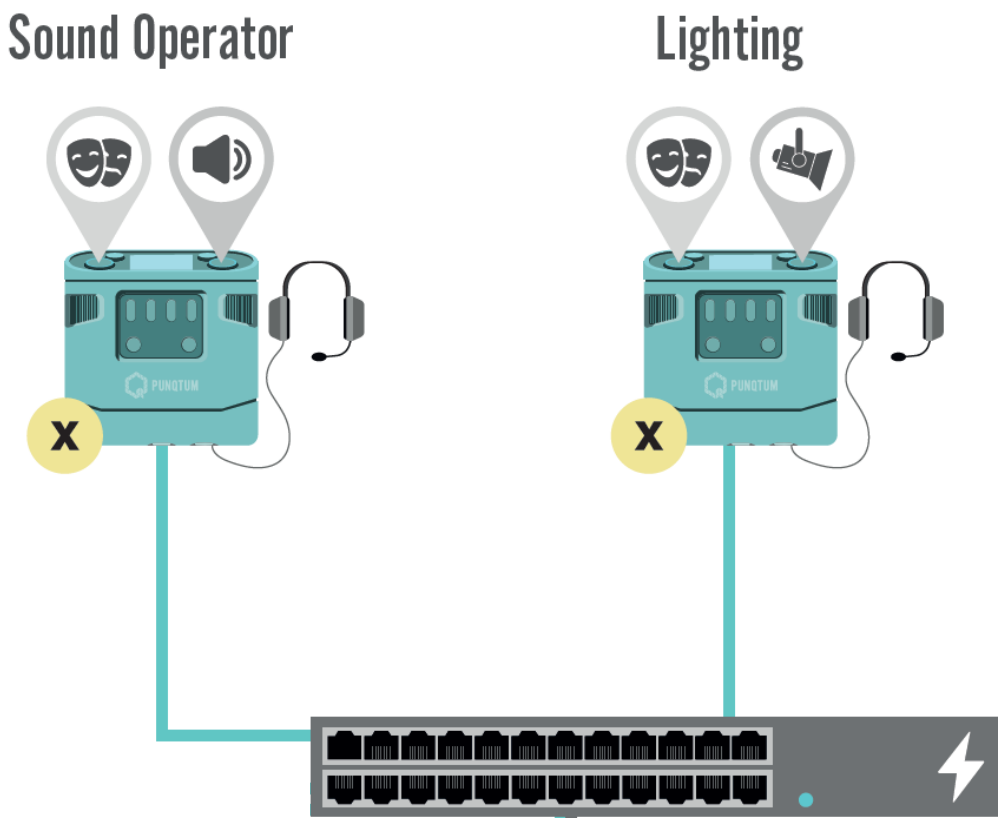
RAVENNA
AES67 & ST 2110 built-in

Q-LAN

AES67 Livewire+

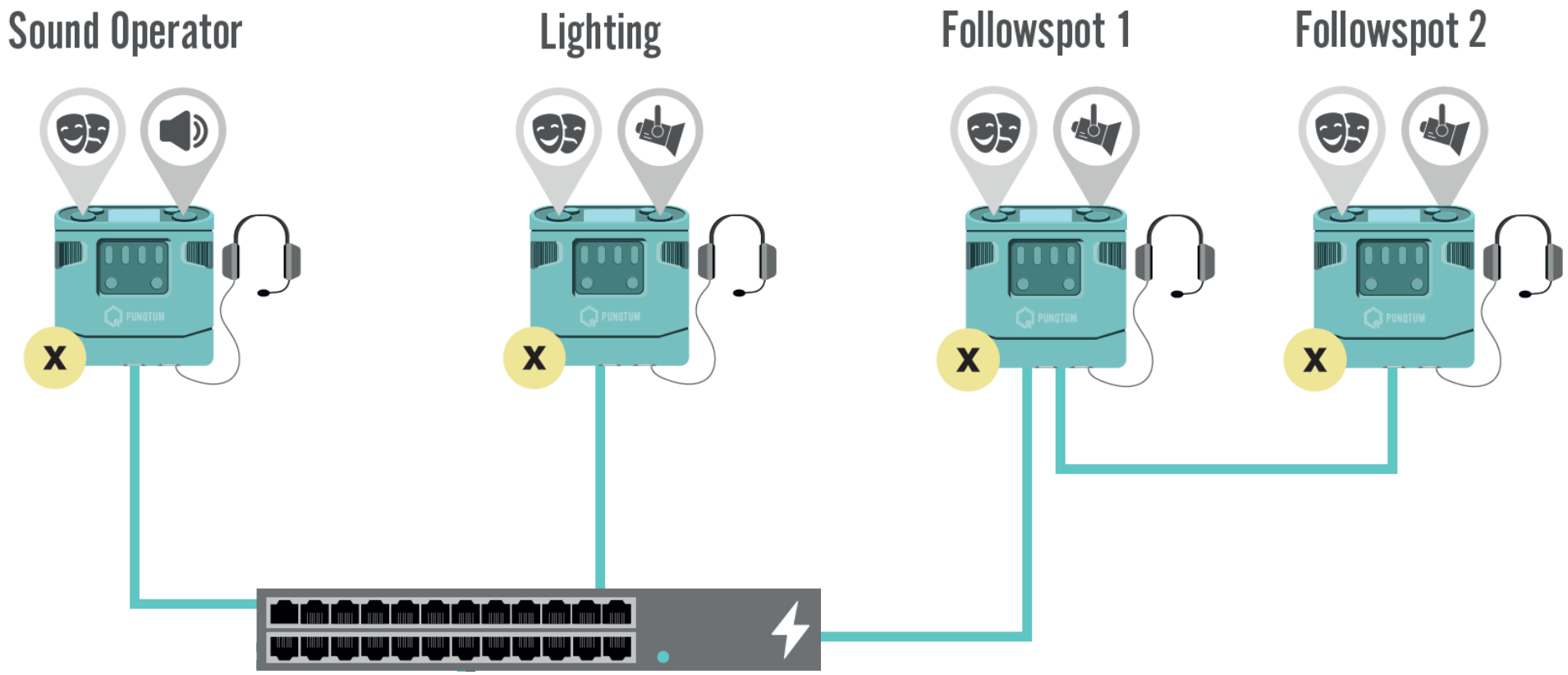
Now with AES67
Dante™

START SMALL

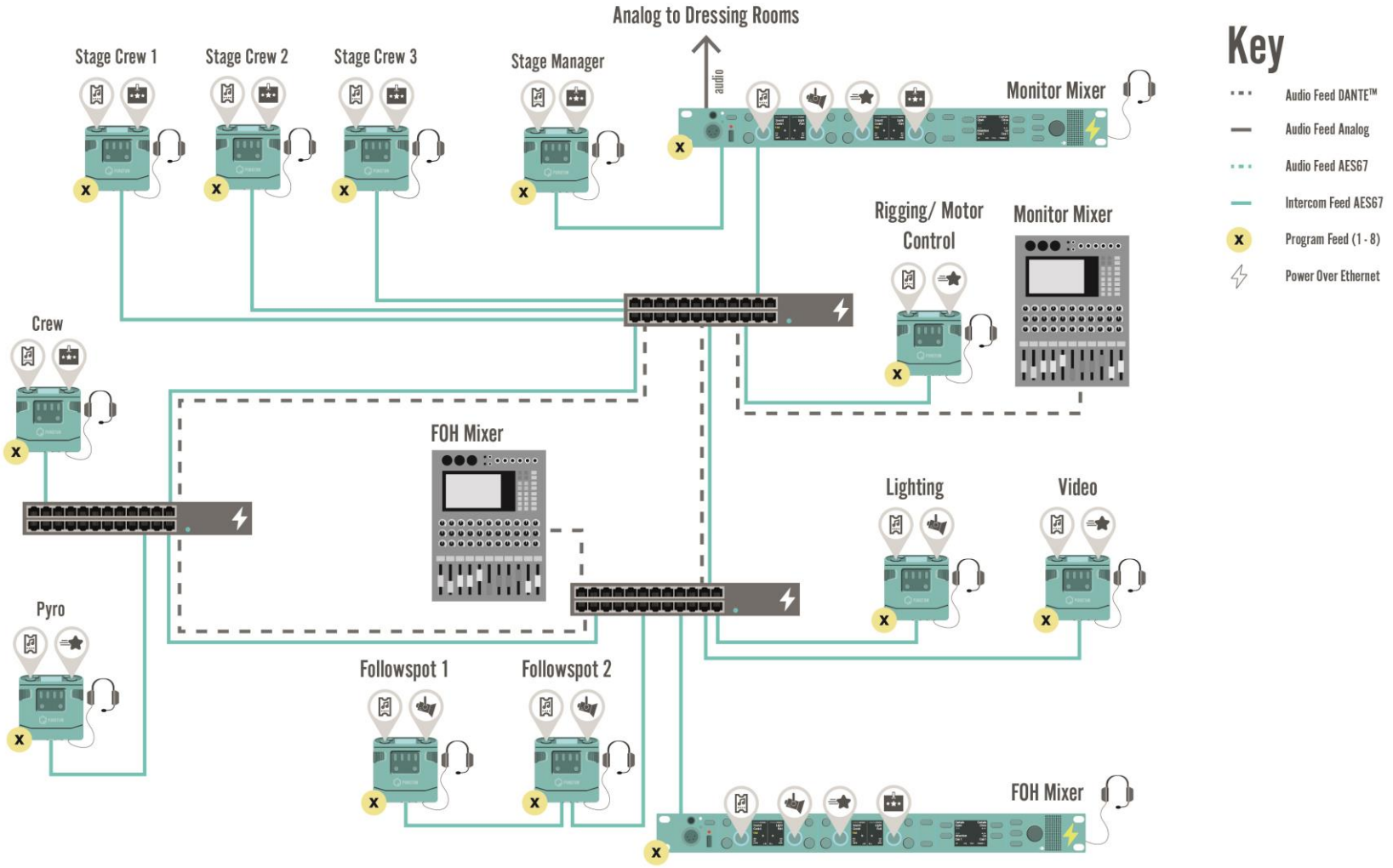


GROW...

PUNQTUM



...WITH YOUR NEEDS



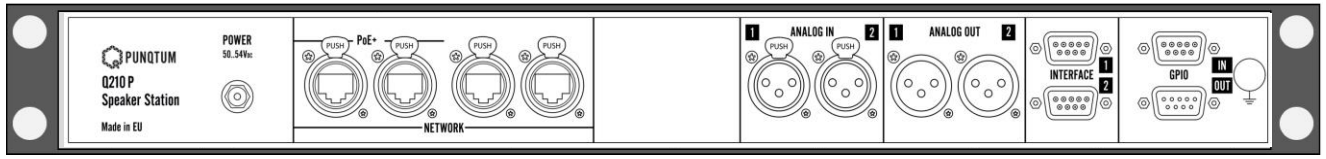
WHY PUNQTUM DIGITAL INTERCOM

- Up to 32 partylines (**interference-free**)
- **Unlimited number of devices** per system
- **Unlimited systems** in a network
- **No mandatory masterstation**
- **Replay function** for repeating of announcements
- **Freely configurable**, PIN protection for network and role access

Q110 – BELTPACK

Q210 P – SPEAKER STATION

- 4 + 4 CH partylines
- 4 programmable buttons
- Built in PoE switch
- 2 analog audio I/O
- 2 interface ports & 4 GPI/O
- Replay function
- Comms recording
- PA and “Talk to Many”
- Program feeds from analog or via AES67 from RAVENNA & Dante networks
- Public address to analog output or via AES67 to RAVENNA & Dante networks



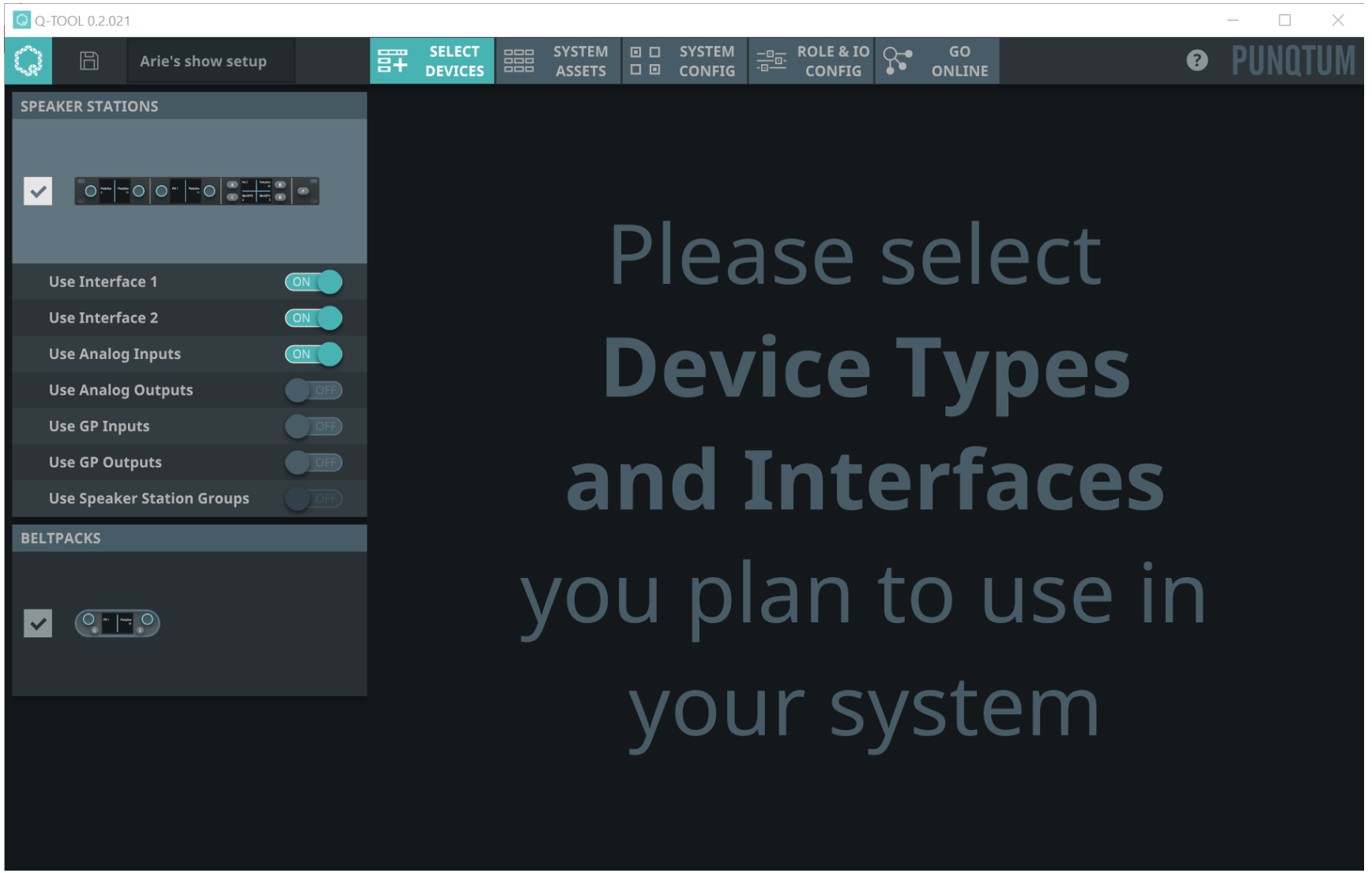
PUNQTUM

Part II

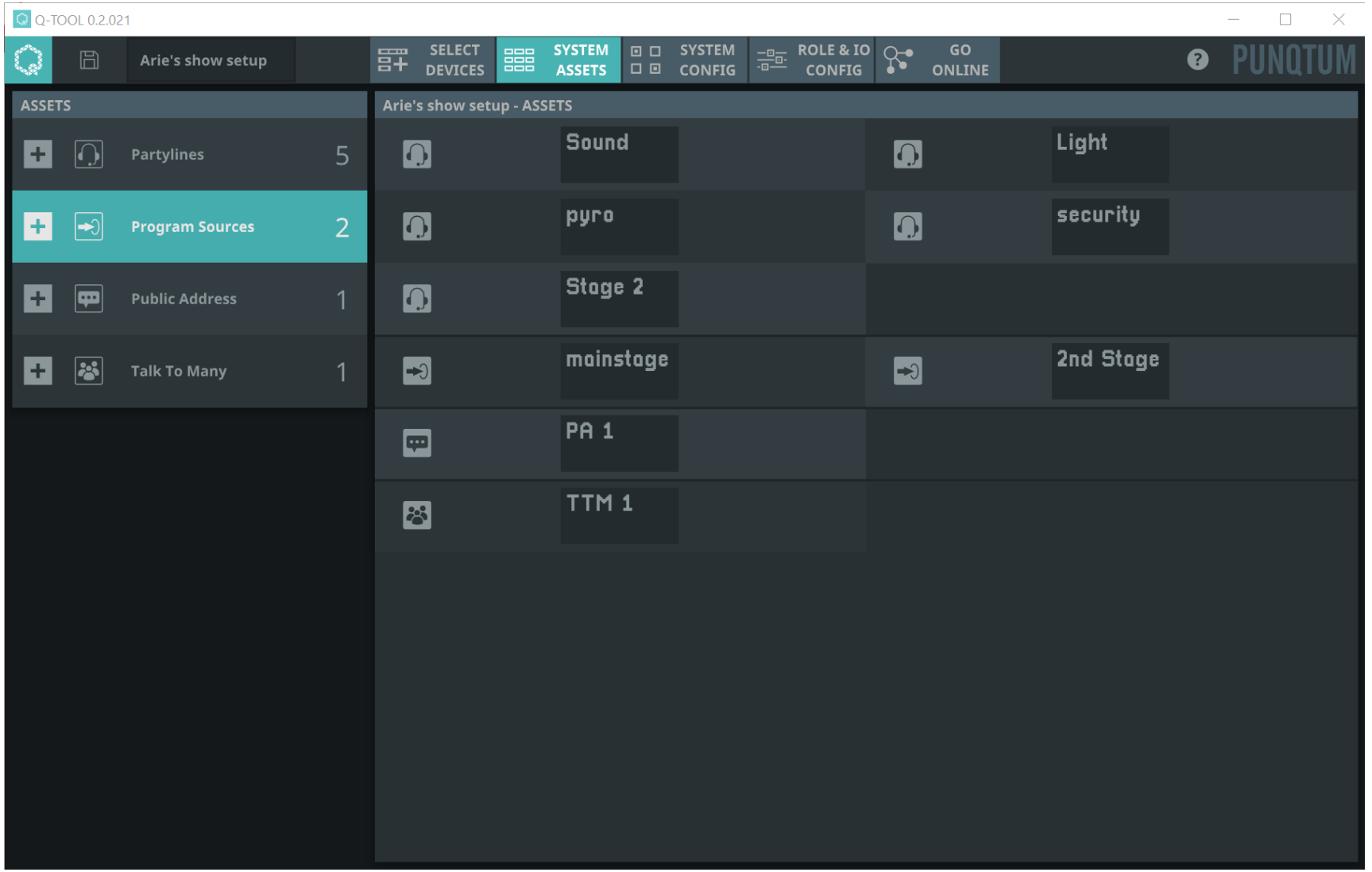
Live Demonstration

(see live recording of webinar)

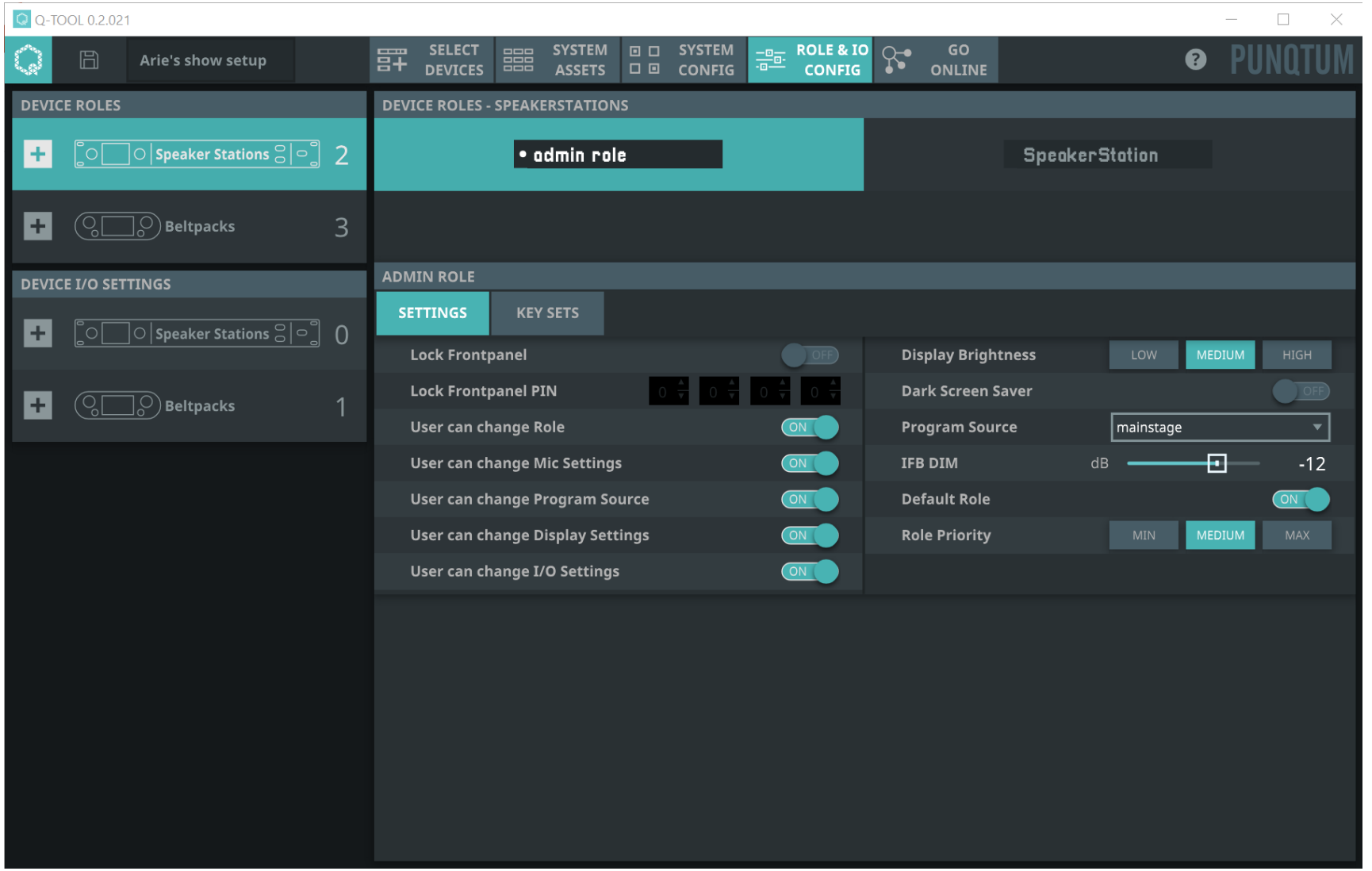
Q-TOOL (QUICK OVERVIEW)



Q-TOOL (QUICK OVERVIEW)



Q-TOOL (QUICK OVERVIEW)



PUNQTUM

Part III

Competition / Positioning

PUNQTUM GOALS

In any configuration punQtum

1) offers the **best feature set** for the price
2) provides an **unbeatable** alternative to analog systems
3) offers the **most affordable** alternative to competing digital intercom systems

WHAT DOES IT COST?

Q110 - Beltpack

2 channels,
PoE powered,
daisy-chainable

599 €

Q210 P - Speaker Station

4+4 CH speaker station with built in PoE switch,
2 analog IN/OUT,
2 interfaces and GPIO

1,699 €

* Accessories (e.g. Headsets and Gooseneck mic) are available from the webstore

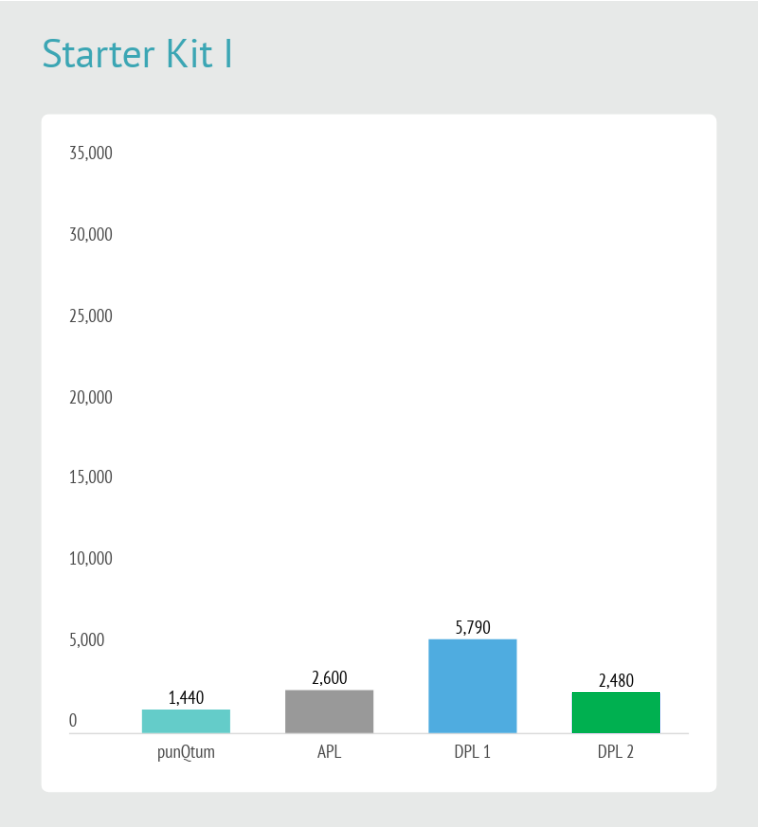
DID WE SUCCEED?

PUNQTUM

Let’s compare system costs

MOST BASIC STARTER KIT

PUNQTUM



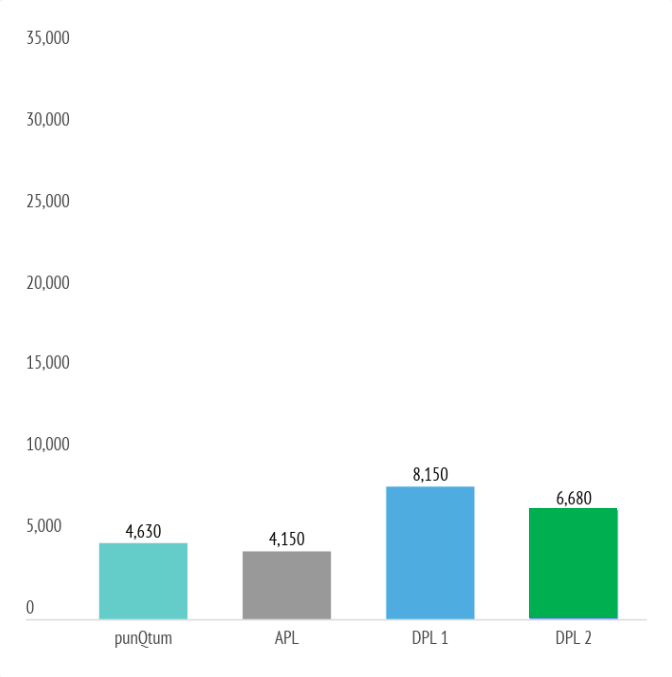
2 beltpacks + PoE switch

In **comparison to analog**, at comparable cost, punQtum gives users **many more features and benefits.**

LIVE EVENTS SYSTEMS

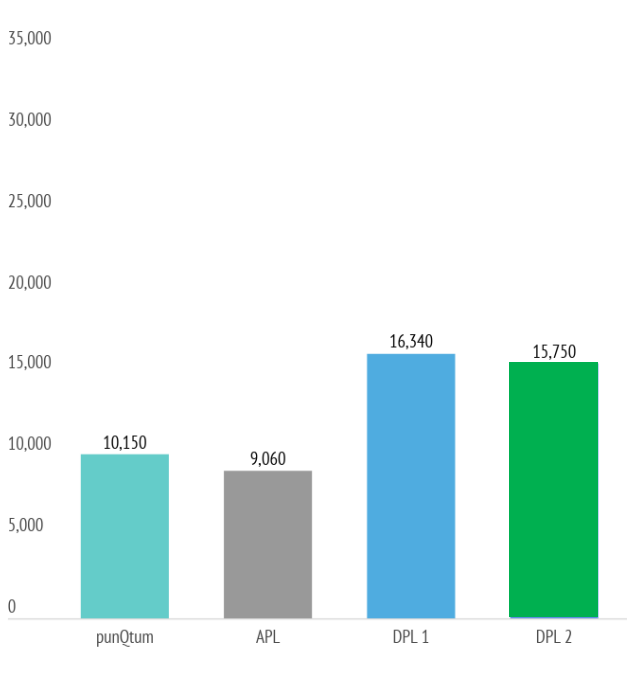
PUNQTUM

Entry System I



1 masterstation + 4 beltpacks

Entry System II

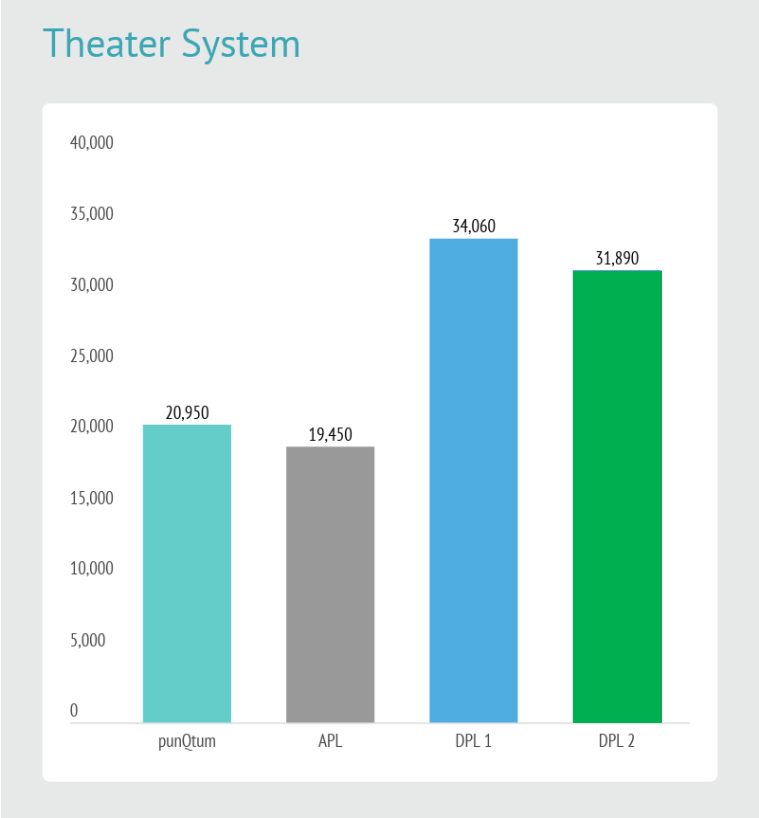


2 masterstations + 12 beltpacks

In **comparison to analog**, at comparable cost, punQtum gives users **many more features and benefits.**

THEATER SYSTEM

PUNQTUM



2 masterstations, 3 remote stations,
18 beltpacks, 2 line isolators,
5 intercom line splitters

In **comparison to analog**, at comparable cost, punQtum gives users **many more features and benefits.**

PUNQTUM

See you soon!

Any time at

CELEBRATING 10 YEARS
RAVENNA
AES67 & ST 2110 built-in

Questions?

More answers...

RAVENNA / AES67 / SMPTE ST 2110 Resources:

RAVENNA AES67 & ST 2110 built-in

www.ravenna-network.com/resources

You've made it!

Contact information:

Andreas Hildebrand
ALC NetworX GmbH

ravenna@alcnetworx.de

CELEBRATING 10 YEARS
RAVENNA
AES67 & ST 2110 built-in

www.ravenna-network.com

PUNQTUM

ALC NetworX