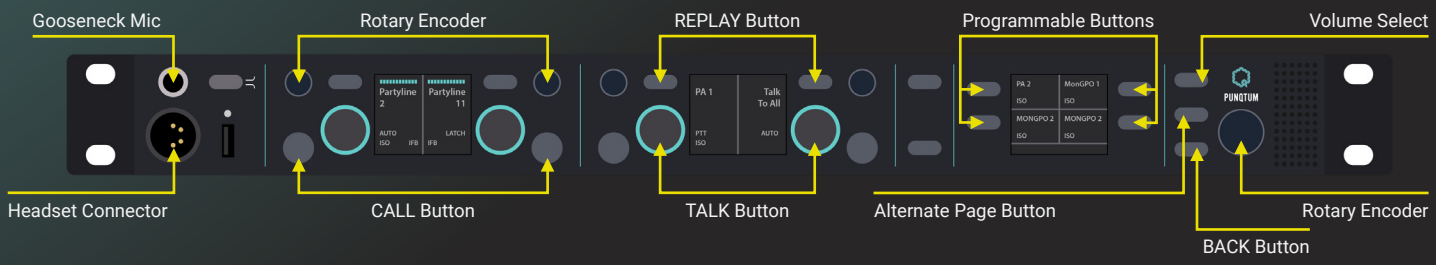
SPEAKER STATION
Q210 P

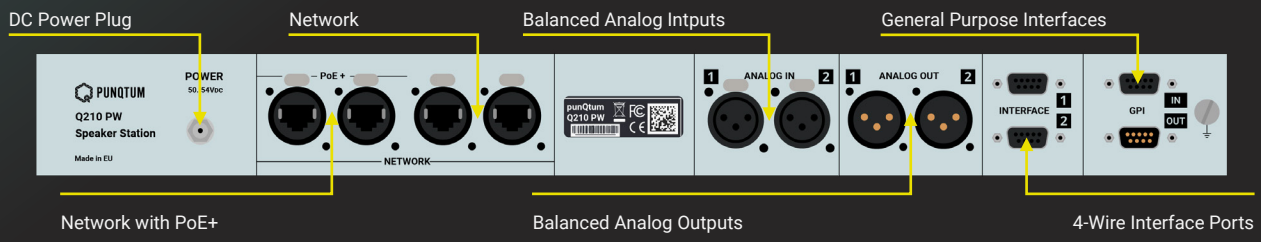


The Q210 P - Speaker Station gives you full control in a cost-effective and easy-to-use package. Four Channel communication, and programmable buttons to mute all mics, make paging announcements or trigger logic outputs. With a built in four-port network switch, two with PoE to drive up to four Q110 beltpacks each. The Q210 P Speaker Station is your complete, self-contained communication hub.

FEATURES

- 4-channel partyline speaker station
- Built in loudspeaker
- Microphone and headset connector
- Rugged, Ethercon™ connectors
- Easy-to-read colour display
- 4 configurable buttons for mute, PA announcements, talk to all, and GPO
- Audio replay of missed comms
- GPI inputs and outputs
- Analogue inputs/outputs (2x 4-wire ports + 2x inputs + 2x outputs)
- Built-in PoE switch to power up to 8 beltpacks
- 2 Public address output
- 2 Program signal inputs
- On and Offline configuration software (Windows/MacOS)





General Specifications

Power Source	50 to 54 VDC
PoE Power	30W per PoE Port
Sampling Rate	16 kHz
Headset Connector	XLR 4pin male
Connector Ethernet/LAN	4x RJ-45 EtherCon
Microphone Connector	1/4" jack with 7/16" -20 UNF thread
Built-in Speaker	5 Watts
Operating Temperature	-10° to +50°C
Operation Environment Humidity	0 to 90% non-condensing
D x W x H	19" 1RU: 100 x 433 x 44 mm
Weight	1.7 kg

Headphone Output

Output Impedence	27 Ohm
Output Level	+ 18.5 dBu (max)
Frequency Response	20Hz to 7kHz (+0/-1dB)
Distortion @ 1kHz	<-73 dB (0.02%)
Dynamic Range (20kHz)	95 dB (A-weighted)

Micrphone Input

Bias Voltage	5.8V (typ.)
Full-scale Input Range	-53 ... +4 dBu
Distortion @ 1kHz	< -75 dB (0.02%) @ 4dBu FS (min.gain) < -68 dB (0.04%) @ -30dBu FS < -49 dB (0.35%) @ -53dBu FS (max. gain)
Dynamic Range	92 dB (min. gain) 59 dB (min.gain)

Analog Interface Outputs

Output Impedence	27 Ohm
Output Level	+ 18 dBu (max)
Frequency Response	20Hz to 7kHz (+0/-0.25dB)
Distortion @ 1kHz	<-80 dB (0.01%)
Dynamic Range (20kHz)	98 dB (A-weighted)

Analog Interface Inputs

Input Impedence	>20 kOhm
Input Level	+ 18 dBu (max)
Frequency Response	20Hz to 7kHz (+0/-0.25dB)
Distortion @ 1kHz	<-80 dB (0.01%)
Dynamic Range (20kHz)	90 dB (A-weighted)

GPI Inputs

Input Connector	D-sub 9 female
Number of GPI Inputs	4
Input Type	Optocoupler input with current limiter
Input Voltage	5 to 50 VDC
Input Current	5 mA (typ.)

GPI Outputs

Output Connector	D-sub 9 male
Number of GPI Inputs	4
Output Type	PhotoMOS Relay
On Resistance	< 3 Ohm
On Current	200 mA (max.) - resistable PTC fuse 400 mA
Maximum Voltage	45 VDC / 35 VAC