WALL / DESK

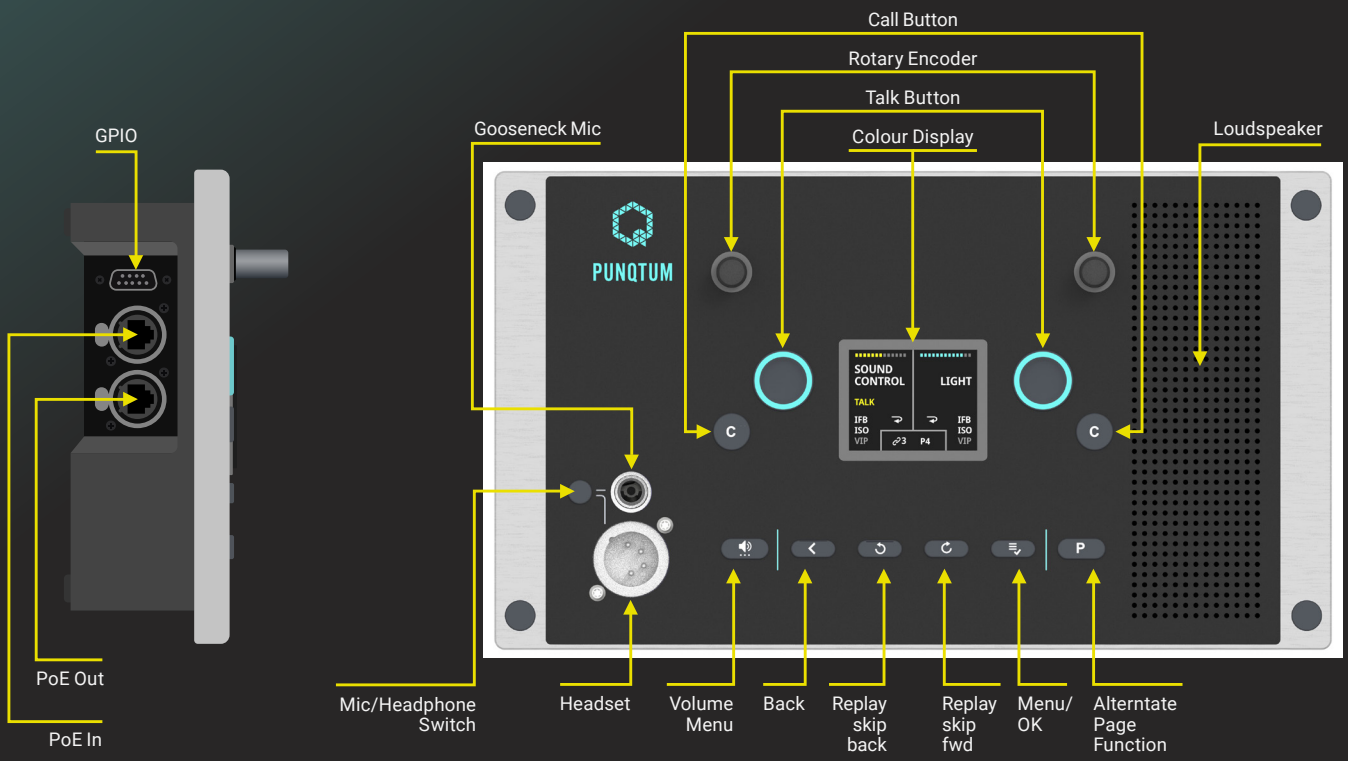
MOUNT STATION Q310



The Q310 is a 2-channel communication solution with programmable buttons, allowing paging announcements to be made or mics to be muted. The intuitive and user-friendly design ensures effortless setup and operation. Power can be supplied via a standard PoE switch or from a PunQtum speaker station. The Q310 is designed to be desk or wall mounted.

FEATURES

- 2x-channel partyline intercom
- Flexible mounting options for wall and desktop
- Built in loudspeaker
- Microphone and headset connector
- 1x GPIO input and output
- Rugged, etherCON® connectors
- Daisy-chain to other panels and beltpacks
- Individual volume control for the channels
- Easy to read colour display
- Programmable button for PA announcements, talk to all
- Audio replay of missed comms
- Offline configuration software (Windows/MacOS)



Product Information

Product name	Q310
Included in box	Q310 Panel, Start Guide

Panel Specifications

Power Source	PoE (max. 15W) PoE+ (max. 30W) PoE++ (max. 90W)
Power consumption	2.5W typ. 3.5W max.
Sampling Rate	16 kHz
Headset Connector	XLR 4pin male
LAN/PoE Connector	2 x RJ-45 etherCON in and out
Gooseneck mic 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	245 x 145 x 70 mm (including knobs)
Weight	Weight: 1.44 kg

Headphone Output

Output Impedence	27 Ohm
Output Level	+ 18.5 dBu (max)
Frequency Response	100 Hz to 7 kHz (+0/-0.25dB)
Distortion @ 1kHz	<-73 dB (0.02%)
Dynamic Range (20kHz)	95 dB (A-weighted)

Microphone 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)

GPIO Connectivity

Connector	D-Sub 9 female
General purpose interfaces	2x GPI input; 1x GPI output
Input	Optocoupler, 5-50 VDC, 5mA
Output	PhotoMOS Relay, <3 Ohm, 200mA, 45VDC /32 VAC max.