

BPX

Multi-Channel Wired Beltpack



The Green-GO communications system is a Ethernet network based digital intercom system. Users can talk to multiple groups and/ or direct to other users. Talking to a group can be compared to the analogue party-line or ring. A direct user talk is a private conversation. There is NO central matrix or routing engine required for the system, so it scales as it is needed by just adding devices to the network. An extra advantage of having no central unit, there is no single point of failure.

The Green-GO Belt-pack features a fullcolour OLED high- resolution display, providing text information, cue signals, and the functions of the 4 buttons.

Two rotary encoders, one on either side of the unit to suit both right and left handed users, are push-able to answer the latest audio source. They can also be programmed to control various other functions, for example one for level and one for channel selection. Four push buttons can be configured to provide instant access up to four channels. All matrix data is held within the belt-pack, which is powered via PoE. Headphone/ microphone set (not supplied) connects via a 4-pin XLR4 panel connector.

Specifications

- Dimensions of Beltpack: 145mm x 85mm x 30mm
- Weight of Beltpack: 400g
- Powered by PoE (802.3af Standard Power over Ethernet) from the Ethernet port.



32 Channels

This system has 32 channels, a program audio channel and an extra channel to receive direct user communication.



250 Groups

An analogue system has one or two groups, the Green-GO system offers a maximum of 250 groups.



3000 Users

A user can be active on any device, even on multiple devices. Each user has a unique ID and a human readable name.



Input

Connector
Type
Electret mic bias / Phantom power
Gain

Limit-level AGC
Gate threshold
Sidetone level

All wired units

Noise
THD @ 1kHz 40 dB gain 0 dBu out
Latency mic- network – headphone

Frequency response standard
Frequency response enhanced
Enhanced only on wired units channels

Output

Connector
Nominal level
Max output
Load

Headset mic

XLR4M pin 1 – 2
unbalanced
0/ 2,0/ 2,5/ 3,3V
+30 - +70 dB

-12 dBFS = +2dBu
Off, -45 dB - -20 dB 5 dB steps
Mute, -24dB – 0 dB 3dB steps

-70 - -55 dBu
-70dB (0,03%)
12 msec

200 – 7000 Hz
200 – 14000 Hz

Headset

All units
XLR4M pin 3 – 4
0 dBu
+20 dBu
32 – 600 Ohm