

## 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.



## Specifications (continued)

### Input

Connector  
Type  
Electret mic bias / Phantom power  
Gain

### Headset mic

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

Limit-level AGC  
Gate threshold  
Sidetone level

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

### All wired units

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

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

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

200 - 7000 Hz  
200 - 14000 Hz

### Output

Connector  
Nominal level  
Max output  
Load

### Headset

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