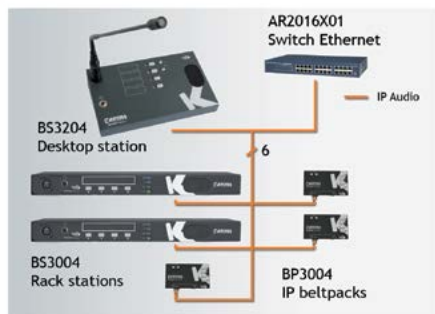# BS3000 Beltpack stations

The BS3000s are the new multifunction beltpack stations from KROMA. Based on VoIP, they feature four independent audio channels, and may work as the main fixed terminal in a party-line system, as an IP user panel integrated into KROMA's TH5000 matrixes, or as an analogue-IP interface and linker*.

Available in two models, racked and desktop, this new unit is the perfect companion to the BP3004 IP beltpacks, as well as a cost-effective IP panel compatible with KROMA latest releases.

*Racked version only

## Main features

The main audio connection in the BS3000s is an IP port, compatible with KROMA VoIP equipment. Additionally, the racked model includes four 4-wire analogue audio ports, for integration with third party audio sources.

The BS3000s feature 4 backlighted keys, for channel for channel selection. Users may opt for the optional microphone and built-in speaker for communication, or use the headphones port.

*IP user panel*

*Analogue-IP interface*

## 4 channels and three operating modes:

### - Standalone party-line station

The BS3000s, combined with the new BP3004 wired beltpacks, represent a cost-effective yet advanced party-line system. When working this way (with no matrix or connected to a TB3000), the user may choose the channel to take part in just by pushing any of the keys.

With one of the simplest configuration in the market, its very simple installation just consists of an additional switch Ethernet to which the different terminals are connected.
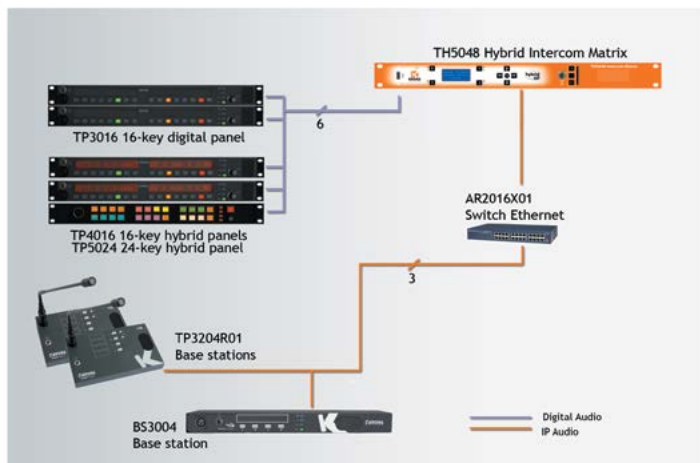
### - IP user panel

The BS3000s can be used as a cost-effective IP user panel with 4 crosspoint keys when connected to IP capable system, such as a TH5000 matrix or an IL5000 IP linker.
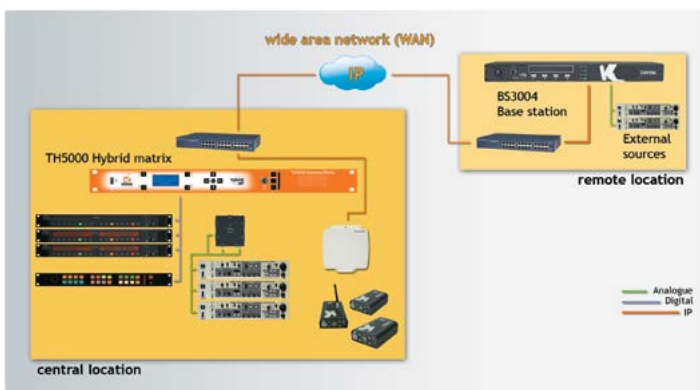
When configured this way, the keys may be assigned to different users; the backlight of the key is then used to signal incoming calls, and it is possible to start a communication just by pushing the key.

### - 4 ch. analogue-IP interface

Lastly, the analogue ports of the BS3004 can be used to integrate third party sources into the system: on a simple configuration, external audio can be fed into the party-line system. But it is with larger systems that the BS3004 really shines: with the station working as an IP converter, up to 4 sources may be integrated into a larger matrix via IP, becoming indeed a low cost IP linker. The 4 channels are multiplexed into the net connection, so that each one is available in the matrix as an independent source (one free IP port per source should be available).

## Technical specifications

| | |
|---|---|
| Analogue connection | SUB-D9 male connector.<br>Nominal level: normal 2 dBv / Maximum 10 dBv<br>Impedance: 600 Ω output, 15 KΩ input<br>Bandwidth =150Hz-12KHz<br>Quality: SNR>80dB, THD < 1% at 4dB |
| Net connection | RJ45 connector<br>Ethernet 10/100BT, Baud rate 10Kb/s<br>TCP/IP protocol, UDP socket, with KROMA PRTP |
| Control | USB connector |
| Microphone | XLR connector |
| Headset | Tini-QG 4 pins (mini-XLR type) |
| Power supply | External AC/DC adapter. Input: 110-240V. |

## Ordering info

| | |
|---|---|
| **Base stations** | |
| BS3004R01 (rack) | 1 Net, 4 analogue ports; 4 keys. 1 headset ports |
| BS3204R01 (desktop) | 1 Net port; 4 keys. 1 headset ports |
| **Headsets** | |
| MC7000X09 | One-ear headset with mic. |
| MC7000X10 | Two-ear headset with mic. |
| MC7000X11 | Beyerdynamic closed two-ear headset with mic. |
| MC7000X07 | Ear plug (no microphone) |
| **Microphones** | |
| MP1100X01 | Microphone for BS3000s |