



Features

- Non critical field cable requirement
- Open channel communications
- Safe and ATEX certified stations
- Low cost installation
- Hazardous area communications

Page Party Intercom System

Description

The BARTEC VODEC VXS based paging/ intercom system facilitates the following communication plan specifically for offshore/petrochemical installations:

- All call paging on two priority/ zone levels, i.e. Routine page all subscribers, Emergency page all subscribers.
- Open channel "party" communications
- Point to point selective handset to handset communications.

The system supports a range of subscriber access positions and is expandable up to 1012 stations.

The VXS consists therefore of:

- Central equipment rack
- Subscriber station:
 - Safe area/office style
 - Weatherproof/marine outdoor protected
 - ATEX certified Zone 1 protected

Connectivity is by a non critical two pair cable which can be CAT5 or similar telephony cable.

The system allows loudspeaker voice paging to all or a nominated subscriber group, access is on a priority basis which ensures only one subscriber can address the intercom paging loudspeakers at any one time.

Priority is configured either on a "first come/first served" basis or on a "descending" access basis. Open channel party line communications allow hot line handset to handset two way full duplex speech on a non private basis.

Selective point to point subscriber connectivity is fitted which facilitates private handset to handset communications; up to four simultaneous speech channels are fitted with option to extend in blocks of four speech paths.

The VXS switch can be stand alone or integrated into a BARTEC VODEC PAGA public address and alarm system to form a complete supervised paging and alarm broadcast package.

Diagram

