



Drillers Talkback Intercom System

Features

- Hands-free Operation
- 16 Subscriber selectors fitted as standard
- Star wired system architecture
- Single pair field cables no multi-core or special cable
- Safe, simple communication
- Simple, easy maintenance
- Elimination of common mode failure

Description

The BARTEC VODEC DX3+1 Driller's Intercom system has been specifically designed in conjunction with drilling operations to provide reliable, simple two way voice communications on board a drilling rig.

The system is primarily designed to enhance health and safety on board the rig and is developed to the same high standards of security as the BARTEC VODEC Public Address and General Alarm (PAGA) System which is a prime life safety package.

The DX3+1 system comprises of a central panel, (which carries switching and amplification) Driller's cabin master control, subscriber station(s) and paging loudspeaker(s). The entire system is designed to facilitate control from the driller's position, to this end all stations are hands-free including the Driller's station.

The Driller position comprises of the following ATEX certified DX3+ apparatus:

- Long reach gooseneck mounted intrinsically safe EExi microphone fitted to DX3MC16 control membrane panel
- Thigh/Knee EEx Switch to facilitate communication control type KNS01.
- Driller "receive speech" EEx Loudspeaker

- VAP01-GO can be fitted where an extended reach microphone is required.
- Subscriber with up to two microphones and 3 buttons.
- For certain locations, e.g. shale shaker an acoustic shelter aids intelligible communications.

The DX3+1 Switch can support a Driller's cabin fitted with dual chairs. In this instance two KNS01 knee/thigh control switches and two master control access panels type DX3MC16 are installed to allow dedicated control to each chair.

Subscriber Stations

Subscriber positions comprise of glass reinforced microphone and loudspeaker unit with up to sixteen stations possible to connect to a single DX3+1 switch.

Diagram of Hands-free Drillers Talkback Intercom System

