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TalkBack wired multiway rig intercom system

The TalkBack wired multiway rig intercom system is a modular, hands-free communications solution built for use on land or offshore rigs. The armoured cables can be supplied on reels for temporary installations.





Benefits:

This plug and play system reduces set-up and removal time. The remote stations allow for hands-free operation and can be positioned as needed, without requiring local power sources.

Compact Master Stations fit easily into small cabins, increasing worker safety.

The system is built to provide clear, reliable communications.

Typical Applications:

Land rigs; offshore rigs; vessels; electrochemical plants; mining operations

Features:

- Dual certified ATEX & IECEx system
- No local power needed to remote station
- Independent volume controls
- Push to talk (PTT) Master button
- NEK 606 armoured cables
- Remote stations on stand or close-coupled wall mount
- Used in the field for over 10 years
- Can be configured to client requirements
- Operates in up to +60°C

Basic operation:

- Master station has 2 way communications with any remote station
- Master station can “broadcast” to all remote stations at the same time
- Push button at remote station for communications request (activates buzzer and visual identification with station identifier at Master Station)
- Master station has a push to talk button & foot switch to talk back to each remote station

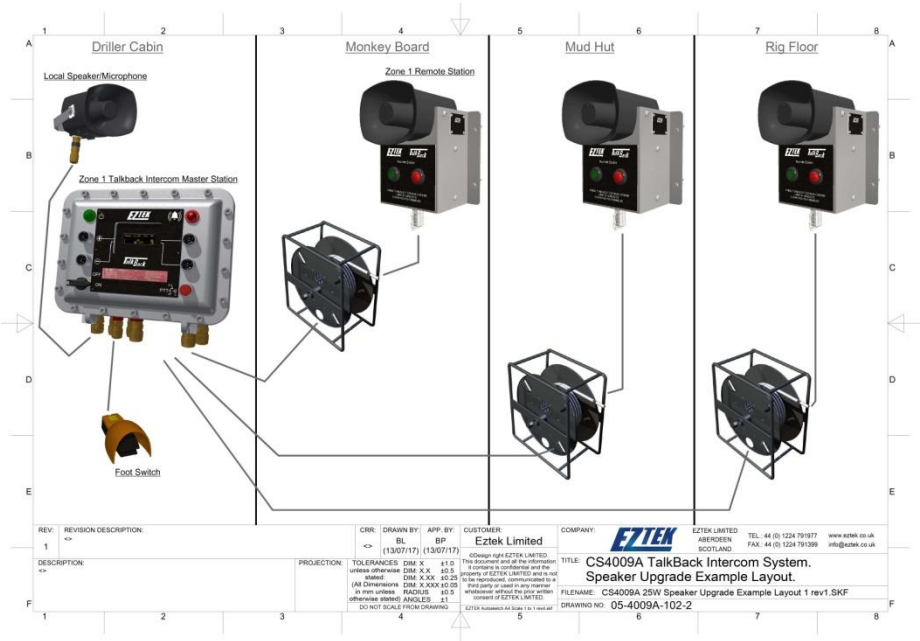
Improve efficiency.
Increase safety.
Reduce costs.

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SYSTEM CERTIFICATION bmtrada ISO 9001 CERTIFICATION
UKAS MANAGEMENT SYSTEMS 0012

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Specifications	Standard	Options
Master Station Enclosure (Example based on layout below)	Zone 1: Dual certified ATEX & IECEx Flameproof 415 x 315 x 197mm excluding glands 18kg -20° to +60°C operating temperature Backlit LCD displays status, settings, call list Sounder/bell activated when remote station requests communication Local Exd Speaker/microphone assembly	Non-hazardous area Master Stations also available – c/w integrated speaker and microphone Different display options available *Weight and dimensions will vary depending on ATEX rating and number of connections required*
Master Station Controls	Push to talk button Independent volume controls for each remote location	Ex PTT foot switch with cable and suitable gland
Master Station Power	100 to 250 VAC (Autosense Universal Input Voltage) Mains cable x5mtrs pigtail	N/A
Cables	NEK 606 armoured on reel 4 pair, 0.75mm2, individual screen, grey RFOU Connectors on each end for connection to remote station and master station	Supplied as required
Remote Stations (Example described is wall-mount station)	Up to -50 to +60°C operating temperature Exd connector for plug and play setup Loudspeaker/microphone c/w control box with push button and status lamp	Also available as ATEX Zone 1 speaker/microphone on stand Can be cable glanded
Example Setup *Contact us to discuss your requirements*	One Master Station and 3 remote stations, with armoured cable on reel and foot switch 	

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