



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.

TalkBack™



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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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 <i>Weight and dimensions will vary depending on ATEX rating and number of connections required</i>																
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, 0.75mm ² , 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 sales@eztek.co.uk	<p>One Master Station and 3 remote stations, with armoured cable on reel and foot switch</p> <p>The diagram illustrates the installation of a Zone 1 Talkback Intercom Master Station in a Driller Cabin. The master station is connected to three remote stations: Monkey Board, Mud Hut, and Rig Floor. Each remote station is connected via armoured cable on a reel. A foot switch is also connected to the master station. The diagram includes a grid with dimensions and a technical drawing table at the bottom.</p> <table border="1"> <tr> <td>REV. 1</td> <td>REVISION DESCRIPTION</td> <td>CRR: BL (13/07/17)</td> <td>DRAWN BY: BP (13/07/17)</td> <td>APP. BY:</td> <td>CUSTOMER: Eztek Limited</td> <td>COMPANY: EZTEK LIMITED ABERDEEN SCOTLAND</td> <td>TEL: 44 (0) 1224 791977 FAX: 44 (0) 1224 791989 info@eztek.co.uk</td> </tr> <tr> <td colspan="2">DESCRIPTION:</td> <td>PROJECTION:</td> <td>TOLERANCES: DIM. X ±1.0 DIM. X.X ±0.25 DIM. X.XX ±0.25 DIM. X.XXX ±0.25</td> <td>IN THIS UNLESS: RADII ±0.5</td> <td>ANGLE: ±1°</td> <td>DO NOT SCALE FROM DRAWING</td> <td> TITLE: CS4009A TalkBack Intercom System. Speaker Upgrade Example Layout. FILENAME: CS4009A 25W Speaker Upgrade Example Layout 1 rev1.SKP DRAWING NO: 05-4009A-102-2 </td> </tr> </table>		REV. 1	REVISION DESCRIPTION	CRR: BL (13/07/17)	DRAWN BY: BP (13/07/17)	APP. BY:	CUSTOMER: Eztek Limited	COMPANY: EZTEK LIMITED ABERDEEN SCOTLAND	TEL: 44 (0) 1224 791977 FAX: 44 (0) 1224 791989 info@eztek.co.uk	DESCRIPTION:		PROJECTION:	TOLERANCES: DIM. X ±1.0 DIM. X.X ±0.25 DIM. X.XX ±0.25 DIM. X.XXX ±0.25	IN THIS UNLESS: RADII ±0.5	ANGLE: ±1°	DO NOT SCALE FROM DRAWING	TITLE: CS4009A TalkBack Intercom System. Speaker Upgrade Example Layout. FILENAME: CS4009A 25W Speaker Upgrade Example Layout 1 rev1.SKP DRAWING NO: 05-4009A-102-2
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