

Wavelink Launches KIRK IEC Ex Approved Wireless Handset

Intrinsically safe KIRK 4080 is designed to ensure critical communication in explosive environments

Australian workers in harsh and potentially explosive environments will have access to secure and reliable wireless communications from today with the launch of the IEC¹ Ex approved KIRK 4080 handset. Extending the range of quality KIRK handsets, the 4080 is specially designed to ensure critical communications in potentially explosive and hazardous working environments. The KIRK 4080 industrial handset features intrinsic safety for employees working in gas, oil and chemical production as well as dust-filled environments in wood-processing, ingredients and food industries.

Wavelink Communications is the exclusive distributor for KIRK systems in Australia and New Zealand. Jonathan Ordman, Wavelink Communications said, "When working in volatile and potentially explosive environments, several issues besides the obvious risk of explosion present themselves as possible threats to the worker. Different types of dangerous materials are often present and staff members frequently work alone in remote areas, such as in painting or spray departments, large oil refinery plants and enclosed silos.

"As a result, there is growing demand from our customers to protect staff and plant equipment with secure and reliable wireless communications. The KIRK 4080 is a high quality, IEC Ex compliant handset designed to resist shock, water and dust and is supported by a radio infrastructure which can cover an entire worksite. This makes the KIRK 4080 an excellent choice for dangerous working environments."

The KIRK 4080 complies to the highest international safety standards, including the EU ATEX directive as well as IEC Ex international legislation, regulating electronic equipment for use in potentially explosive working environments. The handset is designed to be intrinsically safe by limiting the short-circuit current and no-load current. This means that sparks and thermal effects capable of causing ignition cannot occur in normal operation or during a malfunction. The energy in an intrinsically safe circuitry is less than the minimum required to catalyze ignitable mixtures.

¹ The **International Electrotechnical Commission (IEC)** is a standards organization dealing with electrical, electronic and related technologies. Many of its standards are developed jointly with the ISO.

The latest addition to the KIRK range features excellent voice quality combined with mechanical robustness, ensuring KIRK handsets survive the harshest environments.

The 4080 also features an alarm button for enhanced personal security. Users are able to summons assistance by simply pressing the handset's integrated alarm button. The alarm message generates basic location information, enabling organisations to develop alarm and positioning applications which integrate with the KIRK solution.

Features of the 4080 include:

- Intrinsic Safety rating to protect against expositions (IEC approved: EX ib IIC T3 / ATEX approved: 112G II3D T600C Eec ib lic T3)
- IP 64 industrial rating for dust and water resistance
- Alarm key
- Text messaging support with 14 message memory
- Shock resistant – Complies with IEC 68-2-32(drop)
- Headset jack (standard 2.5mm)
- Vibrating ringer
- Backlit graphic display
- Telephone book

(NB: All handsets are backwards compatible, allowing new models to be used alongside older handsets on existing sites. Additionally, KIRK handsets comply with the DECT GAP standard, making them compatible with virtually all existing and future compliant DECT systems.)

Note to Editors:

- For more information, visit www.wavelink.com.au/4080.htm
- High resolution images of the KIRK 4080 available on request

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About Wavelink:

Wavelink Communications (www.wavelink.com.au) specialises in the supply, marketing and support of a range of leading edge digital wireless voice and messaging solutions. Wavelink is the exclusive Australian distributor for a range of products from Blick Communications (UK), Kirk telecom A/S (Denmark) and DeTeWe AG (Germany).

About KIRK telecom

KIRK telecom A/S is a privately owned Danish company, developing, manufacturing, and marketing wireless communication solutions. KIRK telecom is a well established and leading player on the market for wireless on-site communication solutions based on license free radio standards. Products are sold under the KIRK brand as well as incorporated into OEM solutions. Read more at www.kirktelecom.com