



MEDIA RELEASE

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DECT Wireless PABX Adjunct Revolutionises Business Mobility

Billed as a system that revolutionises mobility for business users, Wavelink Communications have introduced a DECT-based wireless telephone system that will attach to virtually any PABX. Known as the [Kirk dect-Z 1500](#), the system is a product of Danish telecommunications giant Kirk Telecom A/S.

While corporate downsizing has led to leaner operations with less administrative support for workers to rely on, there is also a growing emphasis on offering higher levels of customer service. Organisations have increasingly been relying on the application of technology, particularly in the area of telecommunications, to effectively manage in this new environment. According to Wavelink Communications Sales Director Ilan Rubin, "Providing key personnel at any large site with Kirk wireless telephone capability offers multiple benefits." Mr. Rubin notes that these include:

Cost Control

- Cabling costs are dramatically reduced, as very little wiring is required.
- Costs of users having to make return calls to callers that they missed when away from their desks are reduced.
- Reduced costs of calls made to and from mobile phones, which are increasingly being used in offices. Normal telephone rates rather than mobile rates apply for external calls and internal calls to and from cordless extensions are free.
- Operating as analogue extensions off the main PABX, the system is simple to install. Making moves and changes is quick, painless and cost effective.

Increased Mobility / Improved Customer Service

- Customers and internal callers alike are able to access the person they are calling.
- Users are no longer tied to their desk telephones.
- Maintenance crews can talk to control centres while they are working on equipment rather than moving back and forth between the equipment and a corded telephone.
- Doctors in a hospital can be contacted directly, rather than being paged and then the doctor having to find the nearest unused telephone.

Flexibility

- The system is fully modular and expandable, growing with a business's needs.
- Radio coverage areas and wireless telephone traffic densities can be adjusted to suit the needs of any dynamic organisation.
- The 135g cordless handset replaces several other devices (e.g. mobile phone, 2-way radio, pager etc) that are often carried around large sites.
- Changing office layouts and relocating staff around a building can be done painlessly.

System Features of the Kirk dect-Z 1500

- With easy connection to the analogue extensions of any PABX, the system is essentially technology neutral. Wireless extensions can be hooked up in parallel to existing corded analogue desk phones with the same extension number.
- Growing with a business's needs, the system can expand from a single base station supporting 4 users all the way up to 32 base stations supporting 128 users.
- Each base station can support up to 4 simultaneous conversations. Simply placing additional base stations in higher traffic areas caters for traffic "hot spots".
- Repeater stations can be installed up to 1 Km away from a base station utilising a directional antenna to provide radio coverage for remotely located areas. Repeater stations can also be used to expand the coverage area of a base station.
- The system supports LAN based text messaging and paging to either individual, or groups, of handsets.
- An RS232 interface on the main control unit makes programming of the system very simple and also allows for remote diagnostics as well as LAN based text messaging to handsets.
- The Kirk handset is designed for serious business use. Weighing in at only 135g, it offers up to 90 hours standby battery life and has a large LCD display to support text messaging. The handset comes with a built-in headset jack and has a variety of vibration options.
- A large accessories range for the handset includes batteries, carry cases, multi-chargers, headsets and security cords.

Applications for the Kirk dect-Z 1500 include any large site installations such as office buildings, hospitals, warehouses, factories, car yards, construction sites, hotels, shopping centres etc. Target users may be supervisors, technical support personnel, security staff, building maintenance supervisors, hospital specialists, etc. Mr. Rubin pointed out that "Special attention is paid to those sites where cabling is expensive or prohibited (such as heritage sites), making a wireless solution an extremely attractive proposition."

DECT (Digital Enhanced Cordless Telecommunications) is recognised as the leading digital cordless technology in the world for wireless PABX applications. Over 25 million DECT products have already been sold worldwide, with growth rates forecasted to exceed 50% per annum in coming years. In excess of 100 countries have already allocated frequency spectrum for DECT, with over 200 different types of products already on the market