

Wireless Server 1500

The Wireless Server 1500 from KIRK is a scalable wireless DECT solution for analogue PBX systems capable of subscribing up to 128 handsets.

It is suited to organisations which need:

- To provide mobile telephone/communication services over a large physical area or for a large number of employees.
- An upgrade path to ISDN/IP.
- Future expansion of subscribed handsets up to the 128 maximum.



The Wireless Server 1500 with analogue interface is scalable from 1 to 128 handsets.

The Wireless Server 1500 provides:

- Connection to any telephone system.
- Seamless handover between base stations and repeaters.
- Support for a text messaging option.
- Support for third party applications.
- Support for up to 96 repeaters.
- Support for up to 32 base stations.

Base stations take the signal into the different areas. Each base station enables 4 simultaneous conversations within its coverage area. The number of simultaneous conversations can be increased by adding base stations.

Repeaters are used to expand the coverage area of a base station or take the signal into areas where cabling is difficult.

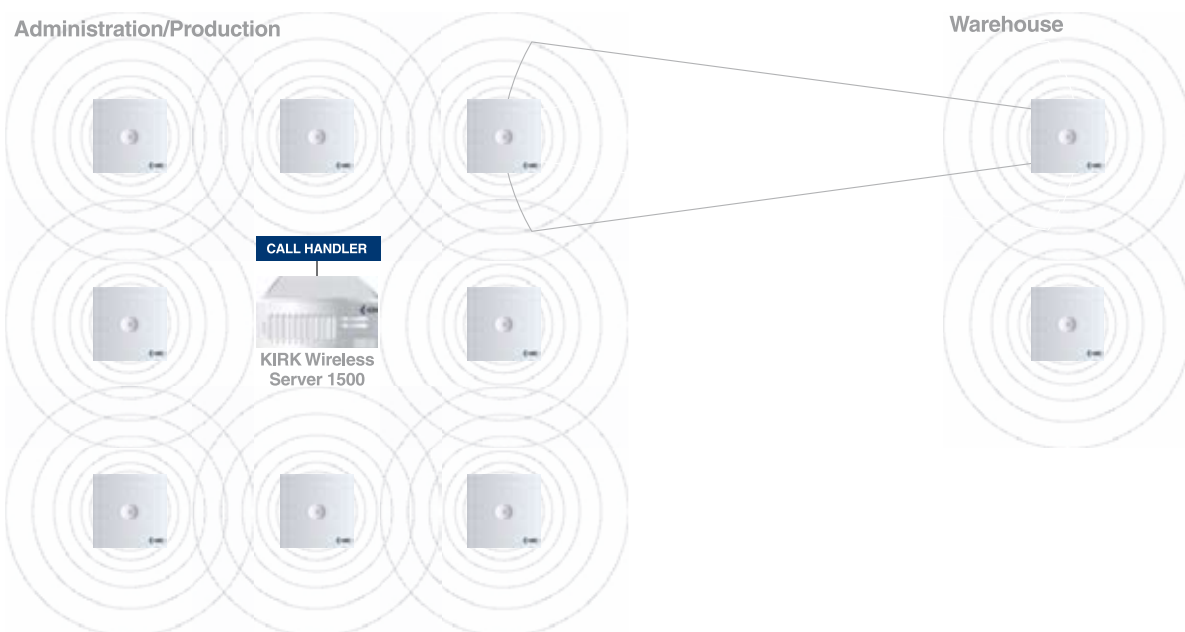
Coverage can be directed in a certain direction by cascading repeaters. Up to three repeaters can be placed in cascade formation.

The example shows an installation in a business with two separate buildings.

Base stations provide the coverage in the main building. The KIRK solution offers a cableless link into the second building. A KIRK repeater is wireless and does not need physical connection to the Wireless Server or a base station .

The telephone system is extended into the second building using a base station-repeater link. Within the building repeaters are cascaded to achieve the required coverage.

The KIRK Wireless Server 1500 works with all series of KIRK handsets and the DECTfone DF10 handset.



The KIRK Wireless Server Range

Max Handsets	8	35	128	700	1500
Wireless Server	500	600v3 Single Cell	1500	1500	600v3 Multi cell
Base stations	-	-	32	32	256
Repeaters	6	6	96	96	radio units
Interface to PBX	analogue	IP	analogue	IP	IP