



DECT-Z 1500

Digital Mobility

Being able to contact staff members at any time throughout the working day is essential to the performance of dynamic companies in today's business environment. However what is the cost associated with being in contact and how does one go about providing a solution for a specific company's needs?

DECT cordless system offers mobility to its users combined with cost and time savings. Installing a DECT system tailored to your company's needs will result in fewer returned calls, no more cellphone calls for internal calls, no more cellphone calls for external calls and fewer cellphones for employees.

The DECT-Z 1500 can be connected to any PBX with analogue extensions and it offers full PBX transparency along with a lightweight cordless telephone to users, allowing them to be contacted anywhere in the company on their normal extension numbers. Hand-over between base stations allows for full roaming throughout the company's premises.

Thanks to the system's modular design it is easy to extend the number of handsets and coverage as the company's needs changes. The PBX can even be changed at a later stage without affecting the investment in the DECT system.

In most cases, the cost savings realised by a DECT installation will enable the DECT system to pay for itself over a very short time period ranging from a few months to a couple of years. A spreadsheet model is available to evaluate each unique customer request.

Telumat

FEATURES



DECT-Z 1500 CONTROLLER

The controller is the brains of the system and provides the connections to the base stations, as well as the connection to the external analogue extensions. The system has the following expansion capabilities:

DECT Handsets

- One to sixty-four handsets can be installed on one controller.
- With a second linked controller a further sixty-four handsets, to provide a total of one hundred and twenty-eight handsets, can be installed.
- Connection to the host PBX is via eight, eight port extension per controller.
- The controllers can be linked using a link card package.

Base Stations

- One to eight base stations on a single system, nine to sixteen with a base station expansion card
- With a second linked controller the number of base stations can be increased in the same way giving a system maximum of thirty-two base stations.

BASE STATIONS

The base station, also known as the radio fixed part (RFP) provides the connection from the controller to the DECT handset. The base station is connected to the controller via single twisted pair cable and can be up to 1000 meters from the controller (longer cable lengths can be achieved under special conditions).

- Four simultaneous calls per base station
- Communication as well as power is provided in the same single pair
- Coverage of up to 150 meter radius in free site
- Antenna diversity is supported
- Compact size 10cm x 10 cm x 5cm



REPEATER

A DECT repeater is used to fill gaps in coverage areas without the need to run new cables. It can also be used to provide coverage to areas where it is difficult to cable. The packaging is identical to the base station.

- The repeater is not physically connected to the base station and only requires power.
- Two simultaneous calls per repeater
- Power can either be 220-250 volts AC or 9-12 volts DC.
- A range of external directional antenna can be connected to the repeater to increase the distance from the base station without the use of cable runs.
- The repeater is GAP compliant and can be used on other DECT systems.

DECT HANDSETS 3020/3040

There are two recommended handsets available namely the DECT-Z 3020 and DECT-Z 3040. These handsets are high quality GAP compliant units and have been tried and tested in the field. Other manufacturers handsets can be used as long as they are fully GAP compliant and have previously been tested on the system.

Main handsets functions and features:

DECT-Z 3020

- Speech/standby time 10/90 hours
- 10 number phone book
- Redial
- Adjustable ring tones, ring volumes, speech volumes
- Microphone mute
- Handset weight 121g

DECT-Z 3040

- Speech/standby time 10/90 hours
- 80 number phone book
- 10 number redial
- Headset socket and automatic answer/end call
- Backlit display
- Vibrator function
- Adjustable ring tones, ring volumes, speech volumes
- Microphone mute
- Handset weight 121g



Tellumat (Pty) Limited
 64-74 White Road, Retreat 7945
 PO Box 30451, Tokai 7966, South Africa
 Tel. +27 (0)21 710 6200, Fax: +27(0)21 712 1275
 Email: isx@tellumat.com
 Website: <http://www.tellumat.com>