

AVAYA



DEFINITY® Wireless DECT System

The Calling and Productivity Features of Your Desk
Telephone with the Added Convenience of Mobility



Communication without boundaries

Imagine a workplace where you have the freedom to be anywhere the demands of your job take you, without ever being out of reach for important calls.

You can have that freedom, with the Avaya DEFINITY® Wireless DECT System. Digitally enhanced cordless technology that brings the many advantages of wireless communications to your business.



DEFINITY Wireless DECT System, not only reduces the need for overhead paging or pocket “beepers” in areas of your business premises where those tools might be intrusive or inconvenient, it uses an unlicensed spectrum with no airtime call charges. It puts an immediately responsive tool in the palm of your hand, without the high charges associated with constant use of the Cellular telephone.

At the same time, the system provides all the important DEFINITY business phone features and call management tools that you enjoy back at your desk—for example, helping you screen calls for those that can wait until later, and respond on the spot to the calls that require immediate attention.

Best of all, the DEFINITY Wireless DECT delivers this unparalleled mobility with all the quality, reliability, and service support you expect from Avaya.

Be More Productive—and More Profitable—with DEFINITY Wireless DECT System.

The DEFINITY Wireless DECT System gives you the freedom of movement you need to maximise work productivity. Whether you’re meeting with a client down the hall or talking to the shipping manager in another department, you can take advantage of the ability to move about your business while staying in constant touch. The system extends the reach of the DEFINITY Enterprise Communications Server (ECS) to help provide faster, attentive customer service.

DEFINITY ECS power unleashed throughout your location.

With DEFINITY Wireless DECT System, you can leave your desk and still be accessible by telephone. Since the system is designed for seamless integration with DEFINITY ECS, you can receive almost full feature PBX functionality and control in a portable handset, to maximise your communications investment.

Using the system with the WT9620 Pocketphone, you can have calls follow you from office to office, anywhere within your business enterprise.

Just picture some of the advantages:

- Healthcare facility staff have the flexibility to stay in touch, respond in real time, and go wherever their critical skills are needed, resulting in better quality of patient care and greater productivity.
- Salespeople out on the floor know they are “reachable” without having to listen for overhead paging or finding a phone to respond to a beeper, providing customers with immediate attention and fast answers to questions.
- As they move between departments, managers are never more than a phone call away, able to make important decisions in real time, and maintaining operating efficiencies.

And with digital signal transmission of 32 Kbps, DEFINITY Wireless DECT System provides exceptional voice quality — so good, your callers won’t even know you’re on the move.

Putting communications power in your hand, the easy-to-use WT9620 Pocketphone is small enough to be portable, yet powerful enough to let you have access to the major business features of your desk phone.

For example, the easy-to-read three-line by 12 character display gives you important information from the DEFINITY system, such as the calling-party's name (for screening), plus a display of any number you dial.

The WT9620 Pocketphone also remembers a 10 number redial stack for both incoming and outgoing calls, for redial, and to remember who called your extension (providing CLI information is transmitted).

The WT9620 Pocketphone also has an 80 name/number personal directory with alpha search facility.

The WT9620 Pocketphone delivers features to help you conduct business with maximum efficiency, including conference, redial, hold, and transfer. With two call appearances, you can receive or make a second call when you're already on the phone, or conduct a conference call for up to 3 people. You can also use the WT9620 to access optional DEFINITY features such as voice mail.

The WT9620 Pocketphone provides extended battery operation, for up to 10 hours of talk time or 90 hours of standby on a single charge. When you do recharge the battery, your Pocketphone will be up to full capacity in approximately 3.5 hours.

Secure enough for your most confidential business, the WT9620 Pocketphone uses digital encryption incorporating the unique identification number of the

individual handset, to ensure you will feel totally confident about your wireless business calls. Each WT9620 handset must be subscribed to the host wireless system and both the handset and wireless controller must recognise the unique identification code of the other before registration and wireless calls can be made or received. In this way no unrecognised DECT handset will function with the DEFINITY Wireless DECT System.

The DEFINITY Wireless DECT System is an adjunct to DEFINITY ECS, in either a scalable configuration, the R2.1, or in Compact form for the small to medium size business installation. A single DECT R2.1 system is capable of supporting up to 16,320 users, with a maximum of 128 base stations, giving a wireless coverage of over 1,000,000 square metres.

The DEFINITY Wireless DECT Compact has a fixed architecture for the wireless controller, enabling the addition of up to 8 base stations and a maximum of 510 users. This system is ideal for the small office environment and has identical feature capabilities to the full R2.1 system

DEFINITY ECS is capable of supporting up to 10 individual DECT systems. This limitation is driven by the capacity of 10 system registrations for the WT9620 handset. Location registration signals from the handset will enable DEFINITY to route an incoming call to the correct DECT system.

The DECT Wireless Controller administers the cell network of wireless fixed bases and call handover for seamless voice conversation. DEFINITY ECS provides optimum call processing, switching, and feature interfacing.



Wireless Fixed Bases are strategically placed throughout your facility to provide the best coverage. A Fixed Base can be as far as 2 kilometres away from the DEFINITY ECS, and outdoor IP rated boxes will protect the Wireless Fixed Bases from the elements. Outdoor coverage of car parks and recreation facilities can be achieved to permit constant contact.

In addition, since the WT9620 Pocketphone will register with 10 individual DECT systems, the handset can be set to automatically recognise DEFINITY DECT Systems at other additional business premises to enable its use by the business traveller.

Designing your wireless system the right way, right from the start is essential. When you choose the DEFINITY Wireless DECT System, Avaya has all the necessary tools to design and configure a trouble free installation and a system to work as expected from the beginning.

When choosing the ideal location for base stations and cabling Avaya's design and installation team, will use the proprietary design tools from the DEFINITY Wireless DECT portfolio, to ensure the optimal configuration and implementation of your wireless system.

Additional features of the Wireless Fixed Base:

- Time Division Multiple Access (TDMA)
- Operates in the 1,880–1,900 MHz band.
- 10 Radio bands with capacity of 12 channels (calls) per band, without frequency re-use.



DEFINITY Wireless DECT System

DEFINITY Wireless DECT System provides exceptional voice quality — so good, your callers won't even know you're on the move.



Performance figures and data quoted in this document are typical, and must be specifically confirmed in writing by Avaya before they become applicable to any particular order or contract. The company reserves the right to make alterations or amendments to the detailed specifications at its discretion. The publication of information in this document does not imply freedom from patent or other protective rights of Avaya, or others. All trademarks acknowledged.