MULTITONE CORDLESS SYSTEMS

CS100 CORDLESS SYSTEM

CS100

The CS100 is an easy to install, low cost, wireless telephone solution designed to suit the requirements of the modern business user. It is designed for a small number of users (eight) and uses "repeaters" to extend the cover area. The system eliminates the need for expensive cabling and associated interruptions to a business. Repeaters also ensure coverage in even the most remote sites or areas of the installation location. When used with the CH70 cordless handset it provides all the standard features of a digital desk telephone.

The CS100 allows up to 8 wireless telephones to be connected, covering an area of up to 300 metre radius from where it is placed. Furthermore the system easily connects to the analogue ports on the existing telephone system.

Up to 6 repeaters can be used with a maximum of 3 of the repeaters 'daisy chained' to extend the coverage area. As you move outside the range of the base unit, the call will be handed over to the repeater so that the call doesn't get dropped.

A computer is NOT required to administer the CS100 system, although system software is supplied and recommended as this simplifies system administration. Alternatively, handsets can be logged into the system using the 'Master' telephone, which is configured during installation.

Features:
- Encrypted and secure technology
- Up to 8 Analogue lines connected to PBX
- Supports Up to 8 FuturePhones from a single system
- Up to 6 Repeaters may be used to provide extensive coverage
- DECT technology, encrypted & secure
- 10 hours talk-time or 90 hours standby

Applications:
- Garden centres
- Warehouses
- Office buildings
- Hotels
- Supermarkets

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SPECIFICATION

Site Host

Technology:	DECT & Frequency hopping spread spectrum
FCC Approvals:	FCC ID: E86CS100
Frequency Range:	2.4 - 2.4836 GHz
Radio Controller Power:	110/120V AC
Operating Temperature:	14oF to 130oF 0°C to + 50°C
PABX Interface:	2 Wire 8-Port analogue interface

Controller Base Station

Size:	9.3 in. length x 9.3 in. height x 1.6 in. depth (233 mm x 233mm x 45mm)
Power Requirements:	110/120V AC
Power Consumption:	1.1 watts
Radio Transmission Power:	250mW
Radio Speech Channels:	4 max. (duplex)
Diversity Antenna:	Internal fixed antenna
Transmission:	144Kbit duplex 2B + D/4 4 x 32 bits
Range:	Up to 300 metres line of sight
System Capacity:	8 telephones

Functions

- DTMF transmit and Single tone receive
- DTMF receive and Single tone transmit (Option)
- Echo cancelling
- Echo suppression
- Pulse generating
- Ringing detection
- Floating ground