

NEC Release Notes

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NEC

NEC DTZ-8R-1 Cordless



Date	Version	Notes	Author
10/28//2015	1	Announce 1 st Release	GR

Application

This document is to announce the release of the New Cordless Solution DTZ-8R-1.

Overview

To stay competitive, businesses must find ways to do more with less while ensuring that their customer service levels remain high. With the NEC DTZ-8R-1 Digital DECT Terminals, you are able to provide your employees with a more flexible work environment through wireless telephony. This flexibility extends the reach of your voice communications and enables your employees to remain productive while away from their desk.

Through the superior quality and features of Digital Enhanced Cordless Telephony (DECT) technology, this cost-effective solution simplifies mobility and enables secure, crystal clear voice communications.

Improves Customer Satisfaction

Offering customers a quick, direct way to reach your employees without jumping through hoops improves customer satisfaction rates. Digital DECT enables your company to deliver this level of service by providing workers a way to be reached -

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even while they are away from their desks. When office and campus users have access to a system that features fixed and wireless connectivity with exceptional voice quality, seamless handover and a secure air interface, they can offer the outstanding service that your customers deserve.

Increase Productivity

Digital DECT Terminals can increase the productivity of almost any organization. By giving your employees the ability to access communications features while away from their desks, you enable them to complete multiple tasks simultaneously. And because your employees can answer calls directly, reception workers and administrative assistants are free to complete other work.

Part Numbers

Notes	Part #	Description	Unit Name
New	Q24-FR000000119653	DTZ Cordless Handset	DTZ-8R-1
New	Q24-FR000000125803	DTZ Base AC Adapter	Base AC Adapter
New	Q24-FR000000125804	DTZ Charger AC Adapter	Charger AC Adapter
New	Q24-FR000000125805	DTZ Charger Unit	DTZ Charger
New	Q24-FR000000125806	Handset Replacement Battery	Replacement Battery
New	Q24-FR000000125802	DTZ Handset Belt Clip	Belt Clip

Specification

Compliance	FCC and IC part 15
RoHs	YES
Frequency	1.9G (1920-1930 MHz) DECT 6.0
Audio Process	Digital (ADPCM)
Operating Temperature	0 to 50 degrees Celsius
Transmission	TDMA/TDD
Channels	5

ID Combinations	130,000
Features	WiFi Friendly 2 line 24 digit LCD Display Color 240x320 QVGA LCD 12 Programmable Feature/Line Keys Automatic Channel Selection Auto Standby Low Battery Protection Wall Mountable Base and Charger Vibrating Ringer Adjustable Ringer (6 Tones) Handset/Headset/Speaker Volume Out of Range Alarm Conference, Hold, Transfer, Redial Keys

Handset Specification

Receive/Transmit Frequency	1920 – 1930 MHz
Power Requirements	Nickel-Metal Hydride AAA
Size	1 7/8" W x 3/4" D x 5 1/2" H
Weight	108g (Handset = 84g + Battery = 24g)
Battery Capacity	900mAh AAA, 2.4 V
Talk Mode	16 hours (typical)
Standby Mode	7 days (typical)

Base Specification

Receive/Transmit Frequency	1920 – 1930 MHz
Power Requirements	10 V from supplied AC Adapter
Size	58mm (H) x 215mm (D) x 130mm (W)
Weight	410g

Repeater

The DTL-RPT-2 repeater allows you to extend the coverage area of your NEC DTZ-8R-1 Digital DECT telephone system in all directions. The repeaters are installed so their coverage area overlaps the coverage area of the base - then

the base hands-off calls to the repeaters as the user moves from one coverage area to another. When connected to the repeater, the mobile handset operates exactly as it does when connected to the base. Hand-off from the base to the repeater is imperceptible to the user, even during an active call.

AC Power Adapter Input	120V, 50-60 Hz, 90mA (RJ-11)
AC Power Adapter Output	5 V dc, 620 mA
Receive/Transmit Frequency	1880 – 1900 MHz
Transmit Power	240mW (+24dBm)
Receiver Sensitivity	<-92 dBm at 10-3 BER
Standard	DECT
Features	Up to 6 repeaters per base Low power consumption Up to 3 repeaters in sequential chain

System Support

The DTZ-8R-1 is a direct replacement for the DTL-8R-1. Consult your voice system user manuals for proper station line card, software version and programming instructions.