\Orchestrating a brighter world

NEC

DT800 - DT400 Series Desktop Telephones

To facilitate smarter work environments, NEC has developed the DT800 and DT400 Series desktop telephones which are supported on the UNIVERGE SV9000 and SV8000 Series communications platforms. With NEC's innovative desktop telephones, you can increase feature functionality through applications support and personalisation of each phone. With our wide assortment of phones to choose from, you can select a telephone that best fits each employee's role within your organisation.

DT800/DT400 Series Desktop Telephones offer:

- Customisation to meet employees' specific communications needs
- Support for a wide range of applications which help improve overall employee efficiency and productivity
- Maximum deployment flexibility and investment protection
- Support of XML open interface (on IP telephones)
- An easy-to-use intuitive interface and an interactive user manual
- Standard features for the visually impaired such as audio key action feedback and large character display

At a Glance

- Wide Range of Choices - choose from IP or digital, 2-line keys to 32+ or DESI-less, greyscale or colour display, custom keypads, plus more
- Customisable function keys – can be adapted to the exact individual requirements of your business
- User-friendly interface – little or No staff training required
- Gigabit built-in – eliminates the need of having to buy an adapter, even on DESI-less telephones
- Bluetooth Connection Adapter - enables users to receive and place calls through either their smart device or desktop telephone

DT800/DT400 Series Technical Data

Features		DT800 Series Desktop IP		
		DT820 6-button	DT820 8-button	DT830
LCD Display	Resolution	Grey Scale 168 x 41px	Grey scale 168 x 128	Grey Scale 224x96 px
	Dimensions	93.3 x 27.7 mm	70.036 x 61.036 mm	92 x 56,5 mm
	Backlit display	Yes	Yes	Yes
	Tiltable	No	No	Yes
Keypad	Fixed Feature Key	9 Keys (with Menu Button and Cursor Key)	9 Keys (with Menu Button and Cursor Key)	9 Keys (with Menu Button and Cursor Key)
	Backlit Keypad	No	No	Yes (Orange): Digit Key (Lit for 10 Seconds when Operating)
	Line Keys	6 (LED: Red, Green)	8, 16 or 32 (LED: Red, Green)	12, 24, 32 (LED: Red, Green) Amber colour LED for BHA-Z Function
	Softkeys	Yes	Yes	4, Help, Exit
	Cursor Keys	Yes	Yes	Yes
Incoming Call Lamp	Colours	3	3	7 Colours (Red, Green, Blue, Yellow, Purple, Aqua, White)…User Definable
Network	LAN	2-Port, 10BASET/100BASETX/ 1000BASE-T, Full-Duplex/Half-Duplex, Auto Negotiation/ Fixed (Except 1000BASE-T)	2-Port, 10BASET/100BASETX/ 1000BASE-T, Full-Duplex/Half-Duplex, Auto Negotiation/ Fixed (Except 1000BASE-T)	2-Port, 10BASET/100BASE-TX, Full-Duplex/ Half-Duplex, Auto Negotiation/ Fixed
	IP Addressing	Sets via DHCP Server/Sets Statically	Sets via DHCP Server/Sets Statically	Sets via DHCP Server/Sets Statically
	QoS	ToS (IP Precedence, Diffserv)	ToS (IP Precedence, Diffserv)	ToS (IP Precedence, Diffserv)
	VLAN	Tag VLAN (IEEE802.1Q/p)	Tag VLAN (IEEE802.1Q/p)	Tag VLAN (IEEE802.1Q/p)
	Security	802.1x: IEEE802.1x Authentication (EAP-MD5, EAPOL Forwarding), SIP & RTP Encryption	802.1x: IEEE802.1x Authentication (EAP-MD5, EAPOL Forwarding), SIP & RTP Encryption	802.1x: IEEE802.1x Authentication (EAP-MD5, EAPOL Forwarding), SIP & RTP Encryption
Physical Port	XML Open Interface	Yes	Yes	Yes
	Personal Directory	Switch dependent	Switch dependent	Yes
	System Directory	Switch dependent	Switch dependent	Yes: 500 Records (Switch dependent)
	Call History	Switch dependent	Switch dependent	Yes: Outgoing Call - 50 Records, Incoming Call - 50 Records (Switch Dependent)
Sound	Full Duplex Hands-Free	Yes	Yes	Yes
	Downloadable Ring Tone	Yes	Yes	Yes
	Hold Music	No	No	Yes
	CODEC	G.711, G.729A, G.722 (Wideband)	G.711, G.729A, G.722 (Wideband)	G.711, G.729A, G.722 (Wideband)
Optional Handsets, Adapters & Headsets (Availability May Be Server Dependent)	Bluetooth Adapter (BCA-Z)	No	No	Yes
	Gigabit Ethernet	Yes	Yes	No
	Recording Adapter	No	No	Optional Support
	Analogue Port Adapter w/ Ringer	No	No	N/A
	Wired Headset	Yes	Yes	Yes
	Electronic Hook Switch (EHS)	Yes	Yes	Yes
Maintenance	Auto- Configuration	Yes	Yes	Yes
	Network Management	Yes	Yes	Yes
Characteristics	Dimension (w×d×h)	7"x8.5"x5.24" 178x215x133 mm	7"x8.7"x5.24 178x221x133 mm	12D/24D: 7.17"×10.16"×4.29", 182x258x109mm 32D (24D+8LK): 8.31"×10.16"×4.29", 211.07x258x109mm
	Weight (Approx. Lbs. and kg)	2.2lb 1kg	2.36lb 1.07kg	12D/24D: 2.65lbs., 1.2kg [32D (24D+8LK) Not Included]
	PoE (Without Options)	IEEE 802.3af Class 1	IEEE 802.3af Class 1	IEEE802.3at Type1 Class2(below 6.49W)
	Power Options	PoE	PoE	PoE or Central Power Supply =AC adapter (AC-L UNIT: optional) 27V 1A
	Terminal Colour	Black	Black	Black/White
Standards	Electrical	EN 55022, EN 55024 Class B		
	ROHS	All Models are ROHS Compliant		
	Safety	UL/CSA 60950		
Environmental	Operating Conditions	Temperature Range: 0 to 40° C, Humidity: 10 to 90% RH (Not Condensing)		
	Storage	Ambient Temperature Range: -20 to 60° C, Ambient Humidity: 10 to 90% RH		

DT830DG	DT830CG	DT400 Series Desktop Digital	
		DT430	**DT410**
Grey Scale 224x96 px	Colour 480x272 px	Grey Scale 165x58 px	2DE: N/A / 6DE: No Backlight
92 x 56,5 mm	105, 5x 67,2 mm	92 x 56,5 mm	6DE: 24x3 Lines, 92 x 35 mm
Yes	Yes	No	No
		Yes	Fixed
		11 Keys	
		Yes (Orange) Digit Key (Lit for 10 Seconds when Operating)	6DE: Yes (Orange) Digit Key (Lit for 10 Seconds when Operating)
12,24,32 with LED (LED: Red, Green) Amber colour LED for BHA-Z Function DESI-less: 8x4 Pages (LED: Red, Green)	12,24,32 with LED (LED: Red, Green) Amber colour LED for BHA-Z Function	12, 24, 32 with LED (LED: Red, Green) Amber colour LED for BHA-Z Function DESI-less: 8x4 Pages (LED: Red, Green)	2,6 (LED: Red, Green)
4, Help, Exit	4, Help, Exit	4, Help, Exit	4, Help, Exit
Yes	Yes	Yes	N/A
		3 Colours (Red, Green Yellow)	
2-Port, 10BASET/100BASETX/ 1000BASE-T, Full-Duplex/Half-Duplex, Auto Negotiation/ Fixed (Except 1000BASE-T)	2-Port, 10BASET/ 100BASETX/ 1000BASE-T, Full-Duplex/Half-Duplex, Auto Negotiation/ Fixed (Except 1000BASE-T)	RJ9: Digital Connection to Switch	
		N/A	N/A
		N/A	N/A
		N/A	N/A
		N/A	N/A
Yes	Yes	N/A	N/A
Yes	Yes	N/A	N/A
		Yes (Switch Dependent)	Yes (Last Number)
Yes	Yes	Yes	No – Half Duplex
Yes	Yes	N/A	N/A
Yes	Yes	N/A	N/A
		N/A	N/A
Yes	Yes	Yes	N/A
Yes	Yes	N/A	N/A
Optional Support	Optional Support	Yes	N/A
N/A	N/A	Yes	N/A
Yes	Yes	Yes	N/A
Yes	Yes	Yes	N/A
Yes	Yes	N/A	N/A
Yes	Yes	N/A	N/A
7.17"×10.95"×4.29", 182x278x109mm (Excludes 32D) DESI-less: 182x272x109mm	7.17"×10.95"×4.29", 182x278x109mm	12D/24D: 7.17"×10.16"×4.29", 182x258x109mm 32D (24D+8LK): 8.31"×10.16"×4.29", 211.07x258x109mm DESI-less: 7.17×10.71"×4.29", 182x272x109mm	2DE: 7.17"×8.86"×4.29", 182x225x109mm 6DE: 7.17"×8.86"×4.29", 182x225x109mm
12D/24D: 2.65lbs., 1.2kg [32D (24D+8LK) Not Included] DESI-less: 2.87lbs, 1.3kg	12D/24D: 2.87lbs., 1.3kg [32D (24D+8LK) Not Included]	12D/24D: 2.65lbs, 1.2kg [32D (24D+8LK) Not Included] DESI-less: 2.87lbs, 1.3kg	2D: 2.43lbs., 1.1kg 6D: 2.43lbs., 1.1kg
IEEE 802.3af	IEEE 802.3af	12D/24D: Approx. 2.0W Without Options DESI-Less: Approx. 2.2W Without Options	Approx 1.1W (for W/ LCD type), 1.0W (For w/o LCD)
		Provided by Voice Switch or AC Adapter (AC-L UNIT: optional) 27V 1A (Option)	
Black/White	Black/White	Black/White	Black

DT400 Series

DT410 - 2DE

DT410 - 6DE

DT430

DT800 Series

DT820 - 6-key

DT820 - 8-key DESI-less

DT830

DT830DG - DESI-less

DT830CG

DT400/800 Options

8-line Key Module

60-line DSS Console

DT830 + 60-line DSS Console

For further information please contact NEC EMEA or:

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