

Orchestrating a brighter world

NEC

DT820 IP Desktop Telephones



The DT820 6-Button Telephone

This 6-button phone offers a familiar user interface. It includes a black and white display, headset jack and fixed line, and feature keys such as conference, transfer and hold.

Black & White LCD

Call Data: Time & date, extension name & number plus incoming call info

Handset

Full Duplex Support

Speaker

Full Duplex Support

Hold, Transfer & Speaker Buttons

Microphone

Support for full duplex hands-free operation

Navigation Cursor

Menu Key

Directories, settings: ring volume, any assignable terminal feature defined by the NEC switch

Message Waiting Indicator Light

3 colors - Red, green & amber

Soft Keys

Voice switch controlled & features dynamically change depending on state of the phone

Transparent Buttons (Line Keys)

One-touch access to system features such as: Extension dialing, Lines/Call Park, Voicemail Box, Call Recording

Feature Keys

Recall, Feature, Answer, Microphone



The DT820 8-Button Telephones

The two DT820 8-button self-labeling phones include the features and functionality of the 6-button model plus helps lower the cost for any adds/moves/changes that are required in a normal business environment. The line presence can also be increased from 8 to 16 to 32.

Color or Black & White LCD

Call Data: Time & date, extension name & number plus incoming call info

Handset

Narrowband Support

Speaker

Narrowband Support

Hold, Transfer & Speaker Buttons

Microphone

Support for full duplex hands-free operation

Navigation Cursor

Menu Key

Call History - redial/missed calls (Color Version Only), directories, settings: ring volume, any assignable terminal feature defined by the NEC switch

Message Waiting Indicator Light

3 colors - Red, green & amber

Transparent Buttons (Line Keys)

One-touch access to system features such as: Extension dialing, Lines/Call Park, Voicemail Box, Call Recording

Soft Keys

Voice switch controlled & features dynamically change depending on state of the phone

Feature Keys

Recall, Feature, Answer, Microphone



DT820 Specifications

DT820				
Line Keys / Product Number		6-Line Key (ITY-6D-1(BK) Tel)	8-Line Key Self-Labeling (ITY-8LDX-1(BK) Tel)	8-Line Key Self-Labeling (ITY-8LCGX-1(BK) Tel)
LCD Display	Resolution	168 x 41 dot	168 x 128 dot	320 x 240 dot
	Dimension	103.0 x 38.7 mm	81.0 x 78.0 mm	76.9 x 63.9 mm
	Color	Black/White		Color
	Backlit Display	Yes		
Line Key	Color	Red, Green full line key illumination		
	Backlit Keypad	Yes		
Soft Key	6 buttons (Exit, Help and 4 button)			
10 Key Backlit	No			
Message Waiting Lamp Color	Red, Green and Amber illumination supported (3)			
Handset	Analog headset jack is standard Narrowband capable (300 HZ to 3400 HZ) RJ-9 audio port			
Hands Free	Full Duplex - Narrowband support (300 HZ to 3400 HZ)			
Headset	Full Duplex - RJ9 Optional support of EHS functionality with APD-80 cable			
Menu	Local	Yes	Yes	Yes
	Short Cut	No	No	Yes
Phone Book	Local	No	No	Yes
	System	Yes	Yes	Yes
Call History	Local	No	No	Yes
	System	Yes	Yes	Yes
System Info Display (Home Screen)	Desktop Icon	No	No	Yes
	4 Line Display	No	No	Yes
	Volume	Yes	Yes	Yes
	Soft Key Frame	No	No	Yes
	Double Height Size	No	No	Yes
Wallpaper for Display	No	No	Yes	
LAN I/F	10BASE-T (IEEE802.3i) 100BASE-TX (IEEE802.3u) Optional support with software licenses for 1000 BASE-TX (IEEE802.3-2008)		10BASE-T (IEEE802.3i) 100BASE-TX (IEEE802.3u) 1000 BASE-TX (IEEE802.3-2008)	
IPv6	Under study for future support			
VLAN	Menu configurable VLAN assignment for PC and LAN ports			
LLDP	Supported			
PC Port Connectivity	Yes: with menu control to enable/disable the port and configure network speed			
Bottom Option	Not supported			
Side Option	Not supported			
Consumed Power	GIG Disable (Max: 2.7W, Idle: 1.7W), GIG Enable (Max: 3.6W, Idle: 2.1W)			
Power Feeding	PoE: IEEE802.3 at Type1			
External AC	Not supported			
Tilt Angle	2 Step (25 and 38 Degrees)			
Dimensions	W178 x D215 x H133 (mm)	W178 x D221 x H133 (mm)	W178 x D221 x H133 (mm)	
Weight	0.8kg	0.9 kg	1.0 kg	
Supported Platforms	UNIVERGE SV9000 Series & UNIVERGE 3C		UNIVERGE SV9000 Series	

Corporate Headquarters (Japan)
NEC Corporation
nec.com

North America (USA & Canada)
NEC Corporation of America
necam.com

NEC Enterprise Solutions
NEC Europe Ltd
nec-enterprise.com

APAC
NEC Asia Pacific Pte Ltd
sg.nec.com

Latin America
NEC Latin America
lasc.necam.com

About NEC Corporation of America: Headquartered in Irving, Texas, NEC Corporation of America is a leading technology integrator providing solutions that improve the way people work and communicate. NEC delivers integrated Solutions for Society that are aligned with our customers' priorities to create new value for people, businesses and society, with a special focus on safety, security and efficiency. We deliver one of the industry's strongest and most innovative portfolios of communications, analytics, security, biometrics and technology solutions that unleash customers' productivity potential. Through these solutions, NEC combines its best-in-class solutions and technology, and leverages a robust partner ecosystem to solve today's most complex business problems. NEC Corporation of America is a wholly-owned subsidiary of NEC Corporation, a global technology leader with a presence in 160 countries and \$28 billion in revenues. For more information, visit necam.com.