

# Executive IP telephone

KX-NT553
Executive IP telephone







#### **KEY FEATURES**

- · 3-line backlit LCD display
- · 12x2 self-labelling, flexible CO buttons
- 2 gigabit Ethernet port (1000 Base-T)

- · Power-over-Ethernet (PoE)
- · Eco mode

A range of options to suit your business. Maximum performance delivered via a gigabit connection.

The KX-NT553 IP telephone delivers exceptional professional performance. It takes you to a new dimension in audio experience, thanks to excellent HD quality audio, combined with easy access to powerful supportive features and applications. The sleek, ultra-modern design, available in both black and white, works well with any office decor.

Packed with a host of features, the KX-NT553 couldn't be simpler to use, with a gigabit LAN/PC port meeting the increasing requirements of office IP networks and a self labelling feature making initial setting and remote maintenance easier. It also supports DSS connectivity for operator-type users.

#### High definition audio

The KX-NT553 offers best-in-class audio quality, meaning fewer repeated conversations and misheard calls. Coupled with Enhanced Echo Cancellation and an Expanded Acoustic Chamber, the KX-NT553 delivers a superior audio experience to users over handset, speakerphone and optional headsets. It also features wideband-compliant, hearing aid compatible handsets, and built-in, high-quality speaker and microphone.

#### **Electric Hook Switch**

A built-in Electronic Hook Switch (Plantronics compliant) port allows the KX-NT553 to have access to the Plantronics range of DECT enabled headsets. This offers portability and comfort, as frequent users are able to move around freely, without being tied down by handsets.



## Paper label free (self-labelling) – DESI-less

Up to 24 numbers can be registered. Since the numbers are displayed on the screen, a paper label is not required

## **SPECIFICATIONS**

LCD (Main) Dots (W x H)         242 x 55           LCD (Main) Dots (W x H)         242 x 55           LCD (Main) Character         24/line           LCD (Main) Character         24/line           LCD (Main) Backlight         Yes (Ox-Automato-Otf)           LCD (Self-Labelling) Type         Character           LCD (Self-Labelling) Type         Character           LCD (Self-Labelling) Dots (W x H)         8 dot (W) x 10 dot (H) Character           LCD (Self-Labelling) Character         12/line           LCD (Self-Labelling) Backlight         Yes (Synchronized Main LCD)           LCD Self-Labelling Character         4 levels           Element Port         2-Gigable Ethernet port           Handset         Mideband complaint Hearing aid compatibility (HAC)           Handset         Middeband complaint Hearing aid compatibility (HAC)           Headset Port         Yes (2.5 mm audo jack)           Electronics Hook Switch (EHS)         Yes (2.5 mm audo jack)           Electronics Hook Switch (EHS)         Yes (2.5 mm audo jack)           Bluestonth (or Needset)         Yes (2.6 mm audo jack)           Bluestonth (or Needset)         No           PoE         Yes (Class 3)           AC Adapter         Yes (Class 3)           AC Adapter         Yes (2.5 mm audo jack) <th></th> <th></th>		
LCD (Main) Line	LCD (Main) Type	Graphic
LCD (Main) Character	LCD (Main) Dots (W x H)	242 x 55
LCD (Main) Backlight	LCD (Main) Line	3
LCD (Self-Labelling) Type   Character	LCD (Main) Character	24/line
CD (Self-Labelling) Type	LCD (Main) Backlight	Yes (On/Automatic/Off)
LCD (Self-Labelling) Dots (W x H)  LCD (Self-Labelling) Line  LCD (Self-Labelling) Character  LCD (Self-Labelling) Backlight  Yes (Synchronized Main LCD)  LCD Self-Labelling Contrast  4 levels  Ethernet Port  Handset  Wideband compliant Hearing aid compatibility (HAC)  Headset Port  Yes (2.5 mm audio jack)  Electronics Hook Switch (EHS)  Yes' 1 (3.5 mm audio jack)  Electronics Hook Switch (EHS)  Yes' 1 (3.5 mm audio jack)  Electronics Hook Switch (EHS)  Yes (Full Duplex) IEEE 1329 compatible  Microphone  Option Unit Connection  Yes (Add-on 48 key module)  Bluetooth (for Headset)  No  PoE  Yes (Class 3)  AC Adapter  Yes (Option)  Wall Mount kit  Ves (Cplicon)  Wall Mount kit  Dimension (W x D x H mm)  Hidl: ∠27 x 70x x 180 LOW: ∠87 x 187 x 155  FF Keys  24 (12 x 2 pages)  Page Key  Yes  Soft Keys  4  O-9, *, * Keys  Yes  Flash-Recall Key  Yes  Hold Key  Yes  Polablistore Key  Yes  Auto Answer-Mute Key  Auto Dalistore Key  Yes  Pause Key  Yes	LCD Main Contrast	4 levels
LCD (Self-Labelling) Line	LCD (Self-Labelling) Type	Character
LCD (Self-Labelling) Character	LCD (Self-Labelling) Dots (W x H)	8 dot (W) x 16 dot (H)/Character
LCD (Self-Labelling) Backlight         Yes (Synchronized Main LCD)           LCD Self-Labelling Contrast         4 levels           Ethernet Port         2-Gigabit Ethernet port           Handset         Wideband complaint Hearing aid compatibility (HAC)           Headset Port         Yes (2.5 mm audio jack)           Electronics Hook Switch (EHS)         Yes (7.35 mm audio jack)           Speakerphone         Yes (Full Duplex) (EEE 1329 compatible           Microphone         Yes           Option Unit Connection         Yes (Add-on 48 key module)           Bluetooth (for Headset)         No           PoE         Yes (Option)           Wall Mount Kit         Yes (Option)           Wall Mount Kit         Yes (Option)           Dimension (W x D x H mm)         HIGH: 267 x 170 x 180 LOW: 267 x 187 x 155           FF Keys         24 (12 x 2 pages)           Page Key         Yes           Soft Keys         4           0-9. *# Keys         Yes           Flash/Recall Key         Yes           Hold Key         Yes           SP-Phone Key         Yes           Auto Danser/Mute Key         Yes           Intercom Key         Yes           Pause Key         Yes           CONF K	LCD (Self-Labelling) Line	12
LCD Self-Labelling Contrast         4 levels           Ethernet Port         2-Gigabit Ethernet port           Handset         Wideband compliant Hearing aid compatibility (HAC)           Headset Port         Yes (2.5 mm audio jack)           Electronics Hook Switch (EHS)         Yes'1 (3.5 mm audio jack)           Speakerphone         Yes (Full Duplex) IEEE 1329 compatible           Microphone         Yes           Option Unit Connection         Yes (Add-on 48 key module)           Bluetooth (for Headset)         No           PoE         Yes (Class 3)           AC Adapter         Yes (Option)           Wall Mount Kit         Yes (Option)           Dimension (W x D x H mm)         HIGH: 267 x 170 x 180 LOW: 267 x 187 x 155           FF Keys         24 (12 x 2 pages)           Page Key         Yes           Soft Keys         4           O-9, *, * Keys         Yes           Redial Key         Yes           Hold Key         Yes           SP-Phone Key         Yes           Auto Answer/Mute Key         Yes           Auto Dial/Store Key         Yes           Transfer Key         Yes           Pause Key         Yes           CONF Key         Yes </th <th>LCD (Self-Labelling) Character</th> <th>12/line</th>	LCD (Self-Labelling) Character	12/line
Ethernet Port         2-Gigabit Ethernet port           Handset         Wideband compliant Hearing aid compatibility (HAC)           Headset Port         Yes (2.5 mm audio jack)           Electronics Hook Switch (EHS)         Yes '1 (3.5 mm audio jack)           Speakerphone         Yes (Full Duplex) IEEE 1329 compatible           Microphone         Yes           Option Unit Connection         Yes (Add-on 48 key module)           Bluetooth (for Headset)         No           PoE         Yes (Class 3)           AC Adapter         Yes (Option)           Wall Mount Kit         Yes (Option)           Dimension (W x D x H mm)         HIGH: 267 x 170 x 180 LOW: 267 x 187 x 155           FF Keys         24 (12 x 2 pages)           Page Key         Yes           Soft Keys         4           O-9, ", # Keys         Yes           Redial Key         Yes           Hold Key         Yes           SP-Phone Key         Yes           Auto Answer/Mute Key         Yes           Auto Dial/Store Key         Yes           Intercom Key         Yes           Pause Key         Yes           CONF Key         Yes	LCD (Self-Labelling) Backlight	Yes (Synchronized Main LCD)
Handset         Wideband complaint Hearing aid compatibility (HAC)           Headset Port         Yes (2.5 mm audio jack)           Electronics Hook Switch (EHS)         Yes'1 (3.5 mm audio jack)           Speakerphone         Yes (Full Duplex) IEEE 1329 compatible           Microphone         Yes           Option Unit Connection         Yes (Add-on 48 key module)           Bluetooth (for Headset)         No           PoE         Yes (Class 3)           AC Adapter         Yes (Option)           Wall Mount Kit         Yes (Option)           Dimension (W x D x H mm)         HIGH: 267 x 170 x 180 LOW: 267 x 187 x 155           FF Keys         24 (12 x 2 pages)           Page Key         Yes           Soft Keys         4           O-9, *, # Keys         Yes           Redial Key         Yes           Flash/Recall Key         Yes           Hold Key         Yes           SP-Phone Key         Yes           Auto Answer/Mute Key         Yes           Auto Dial/Store Key         Yes           Intercom Key         Yes           Pause Key         Yes           CONF Key         Yes	LCD Self-Labelling Contrast	4 levels
Headset Port   Yes (2.5 mm audio jack)	Ethernet Port	2-Gigabit Ethernet port
Electronics Hook Switch (EHS)  Speakerphone  Yes (Full Duplex) IEEE 1329 compatible  Microphone  Yes  Option Unit Connection  Bluetooth (for Headset)  PoE  AC Adapter  Yes (Option)  Wall Mount Kit  Ves (Option)  Dimension (W x D x H mm)  HIGH: 267 x 170 x 180 LOW: 267 x 187 x 155  FF Keys  24 (12 x 2 pages)  Page Key  Yes  Soft Keys  4  O-9, *, # Keys  Redial Key  Yes  Flash/Recall Key  Hold Key  Yes  SP-Phone Key  Auto Answer/Mute Key  Auto Dial/Store Key  Yes  Intercom Key  Pause Key  Yes  Pause Key  Yes  Pause Key  Yes  CONF Key  Yes  CONF Key  Yes  CONF Key  Yes  Yes  CONF Key  Yes  Yes  CONF Key  Yes	Handset	Wideband compliant Hearing aid compatibility (HAC)
Speakerphone         Yes (Full Duplex) IEEE 1329 compatible           Microphone         Yes           Option Unit Connection         Yes (Add-on 48 key module)           Bluetooth (for Headset)         No           PoE         Yes (Class 3)           AC Adapter         Yes (Option)           Wall Mount Kit         Yes (Option)           Dimension (W x D x H mm)         HIGH: 267 x 170 x 180 LOW: 267 x 187 x 155           FF Keys         24 (12 x 2 pages)           Page Key         Yes           Soft Keys         4           0-9, *, # Keys         Yes           Redial Key         Yes           Flash/Recall Key         Yes           Hold Key         Yes           SP-Phone Key         Yes           Auto Answer/Mute Key         Yes           Transfer Key         Yes           Intercom Key         Yes           Pause Key         Yes           CONF Key         Yes	Headset Port	Yes (2.5 mm audio jack)
Microphone         Yes           Option Unit Connection         Yes (Add-on 48 key module)           Bluetooth (for Headset)         No           PoE         Yes (Class 3)           AC Adapter         Yes (Option)           Wall Mount Kit         Yes (Option)           Dimension (W x D x H mm)         HIGH: 267 x 170 x 180 LOW: 267 x 187 x 155           FF Keys         24 (12 x 2 pages)           Page Key         Yes           Soft Keys         4           O-9.*, # Keys         Yes           Redial Key         Yes           Flash/Recall Key         Yes           Hold Key         Yes           Auto Answer/Mute Key         Yes           Auto Dial/Store Key         Yes           Intercom Key         Yes           Pause Key         Yes           CONF Key         Yes	Electronics Hook Switch (EHS)	Yes*1 (3.5 mm audio jack)
Option Unit Connection         Yes (Add-on 48 key module)           Bluetooth (for Headset)         No           PoE         Yes (Class 3)           AC Adapter         Yes (Option)           Wall Mount Kit         Yes (Option)           Dimension (W x D x H mm)         HIGH: 267 x 170 x 180 LOW: 267 x 187 x 155           FF Keys         24 (12 x 2 pages)           Page Key         Yes           Soft Keys         4           O-9.*, # Keys         Yes           Redial Key         Yes           Flash/Recall Key         Yes           Hold Key         Yes           SP-Phone Key         Yes           Auto Answer/Mute Key         Yes           Auto Dial/Store Key         Yes           Intercom Key         Yes           Pause Key         Yes           CONF Key         Yes	Speakerphone	Yes (Full Duplex) IEEE 1329 compatible
Bluetooth (for Headset)   No	Microphone	Yes
PoE         Yes (Class 3)           AC Adapter         Yes (Option)           Wall Mount Kit         Yes (Option)           Dimension (W x D x H mm)         HIGH: 267 x 170 x 180 LOW: 267 x 187 x 155           FF Keys         24 (12 x 2 pages)           Page Key         Yes           Soft Keys         4           0-9, *, # Keys         Yes           Redial Key         Yes           Flash/Recall Key         Yes           Hold Key         Yes           SP-Phone Key         Yes           Auto Answer/Mute Key         Yes           Auto Dial/Store Key         Yes           Intercom Key         Yes           Pause Key         Yes           CONF Key         Yes	Option Unit Connection	Yes (Add-on 48 key module)
AC Adapter         Yes (Option)           Wall Mount Kit         Yes (Option)           Dimension (W x D x H mm)         HIGH: 267 x 170 x 180 LOW: 267 x 187 x 155           FF Keys         24 (12 x 2 pages)           Page Key         Yes           Soft Keys         4           0-9, *, # Keys         Yes           Redial Key         Yes           Flash/Recall Key         Yes           Hold Key         Yes           SP-Phone Key         Yes           Auto Answer/Mute Key         Yes           Transfer Key         Yes           Intercom Key         Yes           Pause Key         Yes           CONF Key         Yes	Bluetooth (for Headset)	No
Wall Mount Kit         Yes (Option)           Dimension (W x D x H mm)         HIGH: 267 x 170 x 180 LOW: 267 x 187 x 155           FF Keys         24 (12 x 2 pages)           Page Key         Yes           Soft Keys         4           0-9, *, # Keys         Yes           Redial Key         Yes           Flash/Recall Key         Yes           Hold Key         Yes           SP-Phone Key         Yes           Auto Answer/Mute Key         Yes           Auto Dial/Store Key         Yes           Transfer Key         Yes           Intercom Key         Yes           Pause Key         Yes           CONF Key         Yes	РоЕ	Yes (Class 3)
Dimension (W x D x H mm)         HIGH: 267 x 170 x 180 LOW: 267 x 187 x 155           FF Keys         24 (12 x 2 pages)           Page Key         Yes           Soft Keys         4           0-9, ", # Keys         Yes           Redial Key         Yes           Flash/Recall Key         Yes           Hold Key         Yes           SP-Phone Key         Yes           Auto Answer/Mute Key         Yes           Transfer Key         Yes           Intercom Key         Yes           Pause Key         Yes           CONF Key         Yes	AC Adapter	Yes (Option)
FF Keys         24 (12 x 2 pages)           Page Key         Yes           Soft Keys         4           0-9,*,# Keys         Yes           Redial Key         Yes           Flash/Recall Key         Yes           Hold Key         Yes           SP-Phone Key         Yes           Auto Answer/Mute Key         Yes           Auto Dial/Store Key         Yes           Transfer Key         Yes           Intercom Key         Yes           Pause Key         Yes           CONF Key         Yes	Wall Mount Kit	Yes (Option)
Page Key         Yes           Soft Keys         4           0-9,*,# Keys         Yes           Redial Key         Yes           Flash/Recall Key         Yes           Hold Key         Yes           SP-Phone Key         Yes           Auto Answer/Mute Key         Yes           Auto Dial/Store Key         Yes           Transfer Key         Yes           Intercom Key         Yes           Pause Key         Yes           CONF Key         Yes	Dimension (W x D x H mm)	HIGH: 267 x 170 x 180 LOW: 267 x 187 x 155
Soft Keys         4           0-9, *, # Keys         Yes           Redial Key         Yes           Flash/Recall Key         Yes           Hold Key         Yes           SP-Phone Key         Yes           Auto Answer/Mute Key         Yes           Auto Dial/Store Key         Yes           Transfer Key         Yes           Intercom Key         Yes           Pause Key         Yes           CONF Key         Yes	FF Keys	24 (12 x 2 pages)
O-9, *, # Keys  Redial Key  Yes  Flash/Recall Key  Hold Key  SP-Phone Key  Auto Answer/Mute Key  Auto Dial/Store Key  Transfer Key  Intercom Key  Pause Key  Yes  CONF Key  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Y	Page Key	Yes
Redial Key Flash/Recall Key Yes Hold Key Yes SP-Phone Key Yes Auto Answer/Mute Key Auto Dial/Store Key Yes Transfer Key Intercom Key Pause Key Yes CONF Key Yes Yes Yes	Soft Keys	4
Flash/Recall Key  Hold Key  Yes  SP-Phone Key  Auto Answer/Mute Key  Auto Dial/Store Key  Transfer Key  Intercom Key  Pause Key  CONF Key  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Y	0-9, *, # Keys	Yes
Hold Key  SP-Phone Key  Auto Answer/Mute Key  Yes  Auto Dial/Store Key  Yes  Transfer Key  Intercom Key  Pause Key  Yes  CONF Key  Yes	Redial Key	Yes
SP-Phone Key  Auto Answer/Mute Key  Auto Dial/Store Key  Transfer Key  Yes  Intercom Key  Pause Key  Yes  CONF Key  Yes	Flash/Recall Key	Yes
Auto Answer/Mute Key  Auto Dial/Store Key  Yes  Transfer Key  Intercom Key  Pause Key  Yes  CONF Key  Yes	Hold Key	Yes
Auto Dial/Store Key  Transfer Key  Yes  Intercom Key  Yes  Pause Key  Yes  CONF Key  Yes	SP-Phone Key	Yes
Transfer Key Intercom Key Yes Pause Key Yes CONF Key Yes	Auto Answer/Mute Key	Yes
Intercom Key  Pause Key  Yes  CONF Key  Yes	Auto Dial/Store Key	Yes
Pause Key Yes CONF Key Yes	Transfer Key	Yes
CONF Key Yes	Intercom Key	Yes
	Pause Key	Yes
FWD DND Kee	CONF Key	Yes
rwu/unu key Yes	FWD/DND Key	Yes



Message Key	Yes
Navigator Key	Yes*2
4-Directions Key	No
Cancel Key	Yes
Program Key	No
LED Message/Ringer Lamp	Yes (Green/Red)
LED FF Keys	Yes (Green/Red)
LED Intercom	Yes (Green)
LED SP-Phone	Yes (Red)
LED Auto Answer/Mute	Yes (Red)
LED Auto Dial/Store	Yes (Red)
LED CONF	Yes (Red)
LED FWD/DND	Yes (Red)
Self-Labelling (Desi-Less)	Yes
Auto Redial	Yes*3
Off-Hook Monitor	Yes
Handset/Headset Mic Mute	Yes
Speakerphone Mic Mute	Yes
Phone Directory	Yes
Feature Access	Yes
Outgoing Call Log	Yes
Incoming Call Log	Yes
Melody Ringer	10 title
Tone Through	No
Firmware Upload	Yes
Peer-to-Peer Connection	Yes
VLAN	Yes
QoS (DiffServ)	Yes
DHCP Client	Yes
Audio Codec	Yes (G.722/G.711(A-law/u-law)/G.729A)
VoIP Security	Yes*4
Ping Transmission	Yes
IP Port Flexibility	Yes
IPv6	No
Query/Announce	Yes
FTP	Yes
РТАР	Yes
MGCP	Yes
RTP	Yes
Rerouting to Secondary PBX	Yes
Media Relay Gateway	Yes
XML Application	No
LLDP-MED	Yes
System Programming	Yes



Station Programming	Yes
Local Programming	Yes*5
Electric Volume Headset	6 levels
Electric Volume Handset	6 levels
Electric Volume Speakerphone	8 levels
Electric Volume Ringer	4 + Off
Tones/Music Ring Tone	30
Tones/Music on Hold	No (Tone)
ECO Mode	Yes
Ethernet Speed/Duplex	Yes (Auto/10M-Full/10M-Half/100M-Full/100M-Half)
Footnote	*1 Compatible with Plantronics serial bus (PSB)  *2 Both Navigator Key and 4-Directions Key are a kind of arrow-key. Navigator Key has ENTER button but 4-Directions Key does not have ENTER button.  *3 Auto Redial feature is available on digital CO.  *4 This is the authentication method which prevents malevolent people from spoofing.  *5 Local Programming items (IP Address/Subnetmask/Default Gateway/MAC Address (Only display)/MGCP Server IP Address/Ping send etc.). Language: only English

URL: https://business.panasonic.co.uk/communication-solutions/kx-nt553

## CONTACT

Web: https://business.panasonic.co.uk/communication-solutions/contact-us

