## **Panasonic**



### **KEY FEATURES**

- Large, Backlit Graphic Display
- Full Duplex Speakerphone
- Self Labeling Keys
- Electronic Hook Switch (EHS) Support
- Supports DSS Console (48 keys)
- 2 Year Warranty
- US Based Customer Support

# PANASONIC KX-NT550 SERIES IP TELEPHONES

The Panasonic KX-NT550 IP telephone series delivers the most advanced IP phone from Panasonic with full duplex headset and speakerphones, dual gigabit ports and excellent sound quality through the enhanced echo cancellation and expanded acoustic chamber features. The result is more advanced, productive voice communication with an "in person" impression.

These executive phones have a sleek, ultra-modern design with self-labeling and large graphic displays. Each model, the KX-NT556, KX-NT553 and KX-NT551 comes with an Electronic Hook Switch built-in which allows a range of wireless headsets to be used.

#### Industry-leading 2-year Warranty with US-based customer support

Making sure your business communication system stays up and running is a top priority. Provided with each model is a standard 2-year warranty, along with dedicated US-based customer support at our Virginia-based call center.



COS   Type   Graphic   Graphic   Graphic   Cost   Cost   Type   Cost	DISPLAY	KX-NT556	KX-NT553	KX-NT551
LOD Lands Characters	LCD Type	Graphic	Graphic	Graphic
LECT CONTRICT   LECT Backlight   Yes   Yes   Yes   Yes	LCD Size (Pixels WxH)	242x109	242x55	160x18
Ves   Deskmort Nat   Nat	LCD Lines/Characters	6/24	3/24	1/16
Description   New York   Provisional   New York   New York   Provisional   Provisional   New York   Provisional   Provisional   Provisional   New York   Provisional   Pro	LCD Contrast	4 levels	4 levels	4 levels
Deck mount fit   Wes   Popolitional   Wes   Popolitional   Wes   Popolitional   Wes   Popolitional   Wes   Popolitional   Wes   Add 20   Popolitional   Wes   Popol	LCD Backlight	Yes	Yes	Yes
Modern	INSTALL OPTIONS			
MC-A229   Optional   Op	Desk mount tilt	Yes (2 positions)	Yes (2 positions)	Yes (1 position)
Dimension (W x D x H)	Wall mount	KX-A433 (Optional)	KX-A433 (Optional)	KX-A432 (Optional)
Low- 267 x 187 x 155mm	AC Adaptor	KX-A239 (Optional)	KX-A239 (Optional)	KX-A239 (Optional)
Handset / Headset volume	Dimension (W x D x H)			205 x 160 x 170mm
Wideland compliant	AUDIO FEATURES			
Hearing Ald compatibility (HAC)   Yes   Yes   Yes   Speaker Phone	Handset / Headset volume	6 levels	6 levels	4 levels
Speaker Phone   Full Duplex   Full Duplex   Speaker Phone   Speaker phone volume   B levels   B l	Wideband compliant	Yes	Yes	Yes
Speaker phone volume	Hearing Aid compatibility (HAC)	Yes	Yes	Yes
Ringer Volume	Speaker Phone	Full Duplex	Full Duplex	Full Duplex
Elimper Volume	Speaker phone volume	8 levels	8 levels	8 levels
Headset port	Ringtones	30	30	30
Electronic Hook Switch (EHS)   3.5mm   3.5mm   No	Ringer Volume	4 levels + Off	4 levels + Off	4 levels + Off
Audio Codec   G.711, G.722, G.729a   G.721, G.722, G.729a   G.722,	Headset port	2.5mm audio jack	2.5mm audio jack	2.5mm audio jack
Soft Keys	Electronic Hook Switch (EHS)	3.5mm	3.5mm	No
Soft Keys		G.711, G.722, G.729a	G.711, G.722, G.729a	G.711, G.722, G.729a
Programmable Keys   36 (12 x 3)   24 (12 x 2)   8	KEYS			
FEATURES   Self-labeling   Desiless    Yes   Yes   No	Soft Keys	4	4	No
Setif-labeling (Desiless)   Yes   Yes   Yes   No   Auto Redial   Yes   Yes   Yes   Yes   Off Hook Monitor   Yes   Yes   Yes   Handset / Headset Mic Mute   Yes   Yes   Headset Mic Mute   Yes   Yes   Yes    NETWORKING    Ethernet Port   2- Gigabit Ethernet port   2- Gigabit Ethernet port   Power Over Ethernet (PoE)   Class 3   Class 3   Class 2   Firmware upload   Yes   Yes   Yes   Yes   Peer to Peer connection   Yes   Yes   Yes   Yes   Peer to Peer connection   Yes   Yes   Yes   Yes   VLAN   Yes   Yes   Yes   Yes   ULAN   Yes   Yes   Yes   Yes   DHCP Client   Yes   Yes   Yes   Yes   DHCP Client   Yes   Yes   Yes   Yes   DHCP Client   Yes   Yes   Yes   Yes   Peer to P	Programmable Keys	36 (12 x 3)	24 (12 x 2)	8
Auto Redial         Yes         Yes         Yes           Off Hook Monitor         Yes         Yes         Yes           Handset / Headset Mic Mute         Yes         Yes         Yes           Call Log (Outgoing/Incoming)         Yes         Yes         Yes           EcoMode         Yes²         Yes²         Yes           Ves³         Yes²         Yes²         Yes²           Ves³         Yes²         Yes²           Ves³         Yes²         Yes²           Ves³         Yes²         Yes³           Ves³         Yes²         Yes³           Ves³         Yes³         Yes³           Ves³         Yes³         Yes³           Ves³         Yes³         Yes³           Ves*         Yes         Yes	FEATURES			
Off Hook Monitor         Yes         Yes         Yes           Handset / Headset Mic Mute         Yes         Yes         Yes           Call Log (Outgoing/Incoming)         Yes         Yes         Yes           EcoMode         Yes³         Yes³         Yes³           NETWORKING           Ethernet Port         2- Gigabit Ethernet port         2- Gigabit Ethernet port           Power Over Ethernet (PoE)         Class 3         Class 3         Class 3           Power Over Ethernet (PoE)         Class 3         Class 3         Class 3           Power Over Ethernet (PoE)         Class 3         Class 3         Class 3           Class 3         Class 3         Class 2           Firmware upload         Yes         Yes         Yes           Power Over Ethernet (PoE)         Class 3         Class 2           Firmware upload         Yes	Self-labeling (Desiless)	Yes	Yes	No
Handset / Headset Mic Mute	Auto Redial	Yes	Yes	Yes
Call Log [Outgoing/Incoming]         Yes         Yes         Yes           EcoMode         Yes3         Yes3         Yes3           NETWORKING         Ethernet Port         2- Gigabit Ethernet port <t< td=""><td>Off Hook Monitor</td><td>Yes</td><td>Yes</td><td>Yes</td></t<>	Off Hook Monitor	Yes	Yes	Yes
EcoMode   Yes3   Yes3   Yes3   Yes3   Yes3   Yes3   Yes3   NETWORKING	Handset / Headset Mic Mute	Yes	Yes	Yes
NETWORKING	Call Log (Outgoing/Incoming)	Yes	Yes	Yes
Ethernet Port   2- Gigabit Ethernet port   2- Gigabit Ethernet port   2- Gigabit Ethernet port	EcoMode	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>
Power Over Ethernet (PoE)	NETWORKING			
Firmware upload   Yes	Ethernet Port	2- Gigabit Ethernet port	2- Gigabit Ethernet port	2- Gigabit Ethernet port
Peer to Peer connection         Yes         Yes         Yes           VLAN         Yes         Yes         Yes           QoS (Diffserv)         Yes'         Yes'         Yes'           DHCP Ctient         Yes         Yes         Yes           VoIP Security         Yes         Yes         Yes           Ping Transmission         Yes         Yes         Yes           IP Port Flexibility         Yes         Yes         Yes           Rerouting to secondary PBX         Yes         Yes         Yes           Media Relay Gateway         Yes         Yes         Yes           CONNECTIONS         Yes         Yes         No           DSS CONSOLE         KX-NT505         No           LCD         No         No           Keys         48         Yes           Connection         Serial I/F to NT550 series           AC Adaptor         Yes²         Desktops (2 positions)           Installation         High: 137 x 161 x 135mm	Power Over Ethernet (PoE)	Class 3	Class 3	Class 2
VLAN         Yes         Yes         Yes           QoS (Diffserv)         Yes¹         Yes¹         Yes¹           DHCP Client         Yes         Yes         Yes           VolP Security         Yes         Yes         Yes           Ping Transmission         Yes         Yes         Yes           IP Port Flexibility         Yes         Yes         Yes           Rerouting to secondary PBX         Yes         Yes         Yes           Media Relay Gateway         Yes         Yes         Yes           CONNECTIONS         Yes         Yes         Yes           DSS CONSOLE         KX-NT505         KX-NT505         KX-NT505           LCD         No         No         Keys         48           Connection         Serial I/F to NT550 series         AC Adaptor         Yes²           Installation         Desktop (2 positions) Walt mount         Walt mount           Pigencies (MW D PMH)         High: 137 x 161 x 135mm	Firmware upload	Yes	Yes	Yes
QoS (Diffserv)   Yes	Peer to Peer connection	Yes	Yes	Yes
DHCP Client	VLAN	Yes	Yes	Yes
VoIP Security         Yes         Yes         Yes           Ping Transmission         Yes         Yes         Yes           IP Port Flexibility         Yes         Yes         Yes           Rerouting to secondary PBX         Yes         Yes         Yes           Media Relay Gateway         Yes         Yes         Yes           CONNECTIONS         Yes         Yes         No           DSS Console (KX-NT505)         Yes         Yes         No           DSS CONSOLE         KX-NT505         KX-NT505           LCD         No         Yes         A8           Connection         Serial I/F to NT550 series         Yes²           Installation         Desktop (2 positions) Wall mount         Wall mount           Pigenspice (WWX D x H)         High: 137 x 161 x 135mm	QoS (Diffserv)	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>
Ping Transmission         Yes         Yes         Yes           IP Port Flexibility         Yes         Yes         Yes           Rerouting to secondary PBX         Yes         Yes         Yes           Media Relay Gateway         Yes         Yes         Yes           CONNECTIONS         Ves         Yes         No           DSS CONSOLE         KX-NT505         No           LCD         No         No           Keys         48         Connection           AC Adaptor         Serial I/F to NT550 series           AC Adaptor         Yes²         Desktop (2 positions) Wall mount           Pimensian (MV P P V H)         High: 137 x 161 x 135mm	DHCP Client	Yes	Yes	Yes
P Port Flexibility	VoIP Security	Yes	Yes	Yes
Rerouting to secondary PBX         Yes         Yes         Yes           Media Relay Gateway         Yes         Yes         Yes           CONNECTIONS         DSS Console [KX-NT505]         Yes         No           DSS CONSOLE         KX-NT505           LCD         No           Keys         48           Connection         Serial I/F to NT550 series           AC Adaptor         Yes²           Installation         Desktop (2 positions) Wall mount           Pimension (MV D V H)         High: 137 x 161 x 135mm	Ping Transmission	Yes	Yes	Yes
Media Relay Gateway         Yes         Yes         Yes           CONNECTIONS         DSS Console (KX-NT505)         Yes         Yes         No           DSS CONSOLE         KX-NT505         KX-NT505<	IP Port Flexibility	Yes	Yes	Yes
CONNECTIONS           DSS Console [KX-NT505]         Yes         Yes         No           DSS CONSOLE         KX-NT505         KX-NT505           LCD         No         No           Keys         48         Connection           Connection         Serial I/F to NT550 series           AC Adaptor         Yes²           Installation         Desktop (2 positions) Wall mount           Wall mount         High: 137 x 161 x 135mm	Rerouting to secondary PBX	Yes	Yes	Yes
DSS Console [KX-NT505]         Yes         Yes         No           DSS CONSOLE         KX-NT505         CONSOLE         LCD         No         N	Media Relay Gateway	Yes	Yes	Yes
DSS CONSOLE         KX-NT505           LCD         No           Keys         48           Connection         Serial I/F to NT550 series           AC Adaptor         Yes²           Installation         Desktop (2 positions) Wall mount           Pimensian (Mx N x H)         High: 137 x 161 x 135mm				
LCD         No           Keys         48           Connection         Serial I/F to NT550 series           AC Adaptor         Yes²           Installation         Desktop (2 positions) Wall mount           Pinential (Mx D x H)         High: 137 x 161 x 135mm	DSS Console (KX-NT505)	Yes	Yes	No
Keys         48           Connection         Serial I/F to NT550 series           AC Adaptor         Yes²           Installation         Desktop (2 positions) Wall mount           Pinential (Wx D x H)         High: 137 x 161 x 135mm	DSS CONSOLE		KX-NT505	
Connection         Serial I/F to NT550 series           AC Adaptor         Yes²           Installation         Desktop (2 positions) Wall mount           Pinential (Wx D x H)         High: 137 x 161 x 135mm	LCD	No		
AC Adaptor         Yes²           Installation         Desktop (2 positions) Wall mount           Pinennian (W.v.D.v.H)         High: 137 x 161 x 135mm	Keys			
Installation  Desktop (2 positions) Wall mount  High: 137 x 161 x 135mm	Connection			
Wall mount   High: 137 x 161 x 135mm	AC Adaptor	Yes <sup>2</sup>		
	Installation	Wall mount		
	Dimension (W x D x H)			

1) Only supports packets (PTAP/ MGCP/ RTP) from the NT55x. The packets of the PC Port is sent or received without conversion. 2) AC Adaptor is not necessary for the 1st module used but is necessary for 2nd to 4th modules. 3) ECO Mode: Setting way method is local programming. Following limitation under ECO Mode: LAN Speed is 10Mbps only, cannot use 2nd port.

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