

# Panasonic Telephone Systems

## Panasonic KX-NT700

### IP Conferencing Phone

Enhanced Communications Solutions

Panasonic KX-NT700, KX NT700, KXNT700, Panasonic NT700, Conferencing Phone, Panasonic Conferencing Phone, Panasonic Phone



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# The **clear choice** for more **productive** conference calls

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## **In a perfect world, all business meetings would be face-to-face**

However, in this imperfect world of tightened travel budgets, busy schedules, deadlines, traffic jams and geographically dispersed offices, telephone conferences are proven time and money savers. Now you can be sure you'll get the most out of your conferences with the Panasonic KX-NT700 IP Conference Phone. It's the next best thing to meeting in person.

### **High definition voice quality**

The KX-NT700 uses a wideband speech codec to deliver high definition sound quality. This ensures that multiple users can engage in a conversation without compromising voice quality and delivers crystal clear sound giving your conferences an intimate, face-to-face feeling.

### **Real-time slow-talk**

A Panasonic exclusive! This ingenious feature allows you to easily understand a fast talker by slowing down spoken words while shortening the silent intervals between them. Avoids wasted time caused by asking conference participants to repeat themselves.

### **SD card recording**

Here's an easy way to record and review completed meetings. The KX-NT700 features an SD card slot so you can easily record your conferences to an SD card and play them back on a PC at your convenience. A 2GB SD card will record up to 67 hours of conference time!

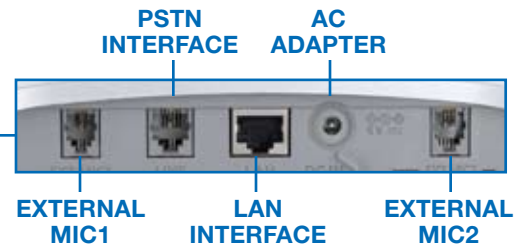
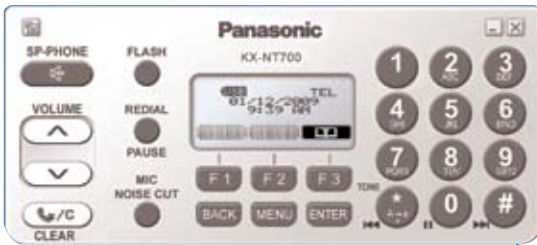
### **Noise reduction**

The KX-NT700 employs noise reduction technology which helps reduce ambient noise such as projector fans, ceiling music or nearby traffic so you hear the conversation, not the noise.

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## KX-NT700 CONTROL PANEL



### USB PORT

Connect to PC for Conference Manager Application

### REAL-TIME SLOW-TALK

Slow down rapid speech with the press of a button.

### SD CARD SUPPORT

Record your conferences for simple playback on a PC.



### AUDIO IN/OUT

3.5mm Audio Input/Output Jack for connection to:  
a. External audio recording devices  
b. Personal computers  
c. Wireless handsets

### HIGH DEFINITION VOICE QUALITY

Full Duplex 7kHz Audio

## A co-worker that fits right in

The KX-NT700 works with your existing telephone system, or operates natively on your business or broadband data network. The system includes a Three-Party Conference feature that lets you conference up to three units together, or conference one analog call into a two-party IP conference meeting. Need to further expand your meeting to include other remote parties? The KX-NT700 is designed to work with a variety of existing equipment for maximum flexibility including:

- IP Compatibility
- SIP Compatibility
- Single-Line Telephone (SLT) Capability
- Web Conferencing Systems Capatability\*

Also, the KX-NT700 supports connection to Standard (PSTN) telephone networks so it's no problem adding a remote mobile phone to the conference if someone's running late and you want to conference them in.

\* Future Software Version



## KX-NT700 ACCESSORY Optional External Microphone

The KX-NT700 supports up to 2 external mics (KX-NT701)

## SPECIFICATIONS

		Technical specifications
Analog Line Interface	I/F connector	RJ11 x 1
	Dialing	Dial Pulse (DP) 10pps, 20pps Tone (DTMF) Dialing
Ethernet Interface	I/F connector	RJ45 x 1
	Transceiver type	10/100Base-T, Auto MDI/MDX
General purpose Interface	USB Interface	USB2.0 (Low/Full speed) Device Function x 1
	SD slot	1
	Audio Line In/Out	ø3.5mm mini-jack x 1
	I/F connector	RJ9 x 2
Microphone Interface	External	4 Wire (Power, GND, MIC-Mute, MIC-Signal-Input)
Audio Interface	Loudspeaker	1
	Speaker volume	Adjustable to 85dB at 0.5m
	Range of frequency	300Hz – 7000Hz
	Stereo/mono	mono
	Internal microphone	Microphone x 4 corners
	Microphone coverage	3m Radius
	Range of frequency	300Hz – 7000Hz
Display	LCD Resolution	103 x 48 Full dot
	LCD Back light	Yes (white)
	LCD contrast	Yes (6-level)
Status Indicator	LED	4 (dual-colored LED red & blue)
Keypad	Function key	F1, F2, F3
	Volume (scroll) key	UP, DOWN
	Dial key	0-9, *, #
	Other key	SP-Phone, Flash, Redial/Pause, Mic Noise Cut, Clear, Back, Menu, Enter
Chassis	Size	2 3/16"H x 10 1/16"W x 10 1/16"D
	Weight	2.87 lbs.
Power supply	AC Adapter (PQLV206)	Input 85-276V / max 0.3A Output DC9V 750mA
PoE		IEEE802.3af compliant
Power consumption		Max 6.5W
Environment conditions	Operating temperature	0°C-40°C
	Storage temperature	-10°C-50°C
	Relative humidity	Less than 90% (non-condensing)

	Signalling Protocol	Features
VoIP	SIP	RFC3261 and companion RFCs
	CODEC	G.711(A/u), G.729a, G.722(64kbps)
	PLC	Yes (G.711 only)
	Silence suppression	No
	CNG	No
	Jitter buffer	Max 500ms (G.729a)
	Packet Header compression	No
Network	QoS	IEEE 802.1 P/Q, Layer 3 TOS, Diffserv
	TCP/IP, UDP, RTP	Yes
	RTCP	Future support
	FTP client	Yes
Telephone	DHCP client	Yes
	Caller ID	No
	Phonebook	100
	Stored Dial Max. Digits	32
	Mute	Yes
	Flash	Yes
	Pause	Yes
	Redial	Yes
	History Redial	10
	Ringer Patterns	3
	Ringer Volume	Off, Low, Middle, High
	SP-Phone Volume	8 steps
	Programmable Tone/Pulse	Yes
	Multi point conferencing	3 points
	All/individual disconnect	Yes
Conference Recording	Recording time period	67 Hours (2GB SD card)
	Number of recordings	Maximum 100
	New message playback	Yes
	FF/REV/STOP	Yes
	Skip/Repeat	Yes
	All/individual erase	Yes
Time stamp	Yes	

## SYSTEM COMPATIBILITY

Single line telephone (SLT) compatible\*: KX-TDA50/100/200/600, KX-TDE 100/200/600, KX-NCP500/1000

SIP extension compatible: KX-TDE100/200/600, KX-NCP500/1000

\* Caller ID board recommended

Design and specifications subject to change without notice.



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