Panasonic
ideas for life

Panasonic
KX-NT700

KX-NT700
IP Conference Phone

- High Definition Voice Quality with Noise Reduction Technology

- Real-Time Slow-Talk Feature for Enhanced Comprehension

- SD Card Recording for Convenient Play Back on a PC

Panasonic System Networks Company of America   **Home and Business Communications**

The clear choice for more productive conference calls.

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.

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!

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.

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.

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.
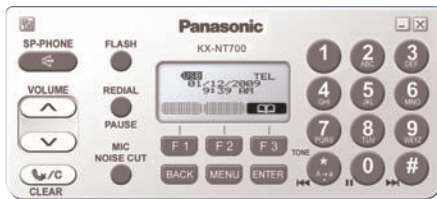
Need to further expand your meeting to include other remote parties? The KX-NT700 is designed to work with a variety of existing equipment for maximum flexibility including:

- TCP/IP (peer to peer)
- SIP Extension (with TDE or NCP systems only)
- Analog Telephone Line (PSTN)
- Netcam Integration (v2)*

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

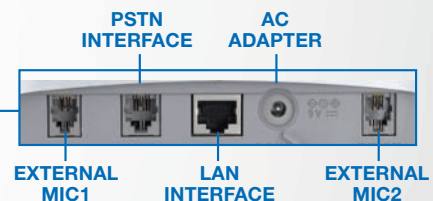* PC Conference Manager Software required for Netcam support

KX-NT700 CONTROL PANEL

PSTN INTERFACE   **AC ADAPTER**

EXTERNAL MIC1   **LAN INTERFACE**   **EXTERNAL MIC2**

USB PORT
Connect to PC for Conference Manager Application.

REAL-TIME SLOW-TALK
Slow down rapid speech with the press of a button.

AUDIO IN/OUT
3.5mm Audio Input/Output Jack for connection to:

a. External audio recording devices
b. Personal computers
c. Wireless handsets

SD CARD SUPPORT
Record your conferences for simple playback on a PC.

HIGH DEFINITION VOICE QUALITY
Full Duplex 7kHz Audio.

Get connected with video conferencing

Combine the KX-NT700 with a Panasonic IP Network Camera* and give your clients the face time they deserve without the high operating costs of business trips. Less travel also means higher productivity and reduced environmental impact.

* PC Conference Manager Software required for Netcam support

KX-NT700 Accessory:

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

KX-NT700 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	USB 2.0 (Low/Full Speed) Device Function x1
	SD Slot	1
	Audio Line In/Out	ø3.5mm mini0jack x1
	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
	S/N Ratio	Above 58dB at 1kHz
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 Adaptor (PQLV206)	Input 85-276 / Max 0.3A Output DC9V 750mA
PoE		IEEE802.3af compiant
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)

Features		
Signalling Protocol	SIP	RFC3261 and companion RFCs
VoIP	CODEC	G.711 (A/u), G.729a, G.722 (64kbps)
	PLC	Yes (G.711 only)
	Silence Suppresion	No
	CNG	No
	Jitter Buffer	Max 500ms (G.729a)
	Packet Header Compression	No
	QoS	IEEE 802.1 P/Q, Layer 3 TOS, Diffserv
Network	TCP/IP, UDP, RTP	Yes
	RTCP	Future Support
	FTP Client	Yes
	DHCP Client	Yes
Telephone	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-TDE100/200/600, KX-NCP500/1000
SIP extension compatible: KX-TDE100/200/600, KX-NCP500/1000

* Caller ID board recommended