KX-NT700
IP Conference Phone

KX-NT700 is an advanced conferencing solution that can connect over standard office data network or even broadband connections. This Multi-party IP Conference Phone supports Hi-Definition sound, web based conference solutions and everything to make communications as simple as a face-face meeting. It even connects with standard office telephone systems for seamless inter-working.

KX-NT700 - A valuable asset to help you collaborate - across your board rooms, or around the globe.

We want all our meetings face-face.

Busy schedules, deadlines, traffic jams and geographically dispersed offices - however make this a challenge.
That's where the KX-NT700 IP Conference Phone becomes a great help.

The KX-NT700 IP conference phone is designed to save your business valuable time and resources, and makes setting up a conference call simple.

The KX-NT700 IP Conference Phone operates with your existing telephone system, or operates natively on your business or broadband data network.
Calls on your network benefits from high audio clarity that makes conference calls much more practical.

Need to expand your meeting to another location?
The KX-NT700 expandability allows 3 party conferencing to other IP conference phones and even supports web conferencing systems*.

Someone late for the meeting and you need to conference them in?
The KX-NT700 supports connection to Standard (PSTN) telephone networks so adding a remote mobile phone to the conference call is very simple.
As your conference call develops, add other media into your meeting such as pictures, presentations, and even video.

Conference calls are productive and efficient when participants can hear each other in clear, crisp voice quality - even when two peoples are talking. KX-NT700 delivers great sound quality with impressive microphone range. Panasonic KX-NT700 - the next best thing to being there.

* Future Software Version

USB CONNECTION TO PC
Connect to PC for control.

REAL-TIME SLOW-TALK
Press a button to listen to fast talkers in real time, or play back your recorded meeting at a slower speed, (for taking notes) whilst maintaining the full overall conversation meaning.

BEAM FORMING TECHNOLOGY
Microphones follow the natural speech flow as you move.

Key Benefits:

- Set up meetings quickly and conveniently without compromise.
- Excellent sound quality ensures everyone understands the whole conversation
- Easy to set up, up to 3 conference phones on a standard office data or broadband IP network.
- Save on hotel and travel costs, whilst maintaining the feel of a live meeting.
- Connect into Web and Video conference solutions for much larger meetings.

The KX-NT700 IP Conference Phone with High-Definition (Hi-Def) sound ensures that conversations are natural and seem almost " face-to-face".

Additional Features

NOISE REDUCTION
Cut unwanted background noise from Projectors, fans etc.

3 PARTY CONFERENCE
Conference up to three units together, or conference 1 analogue call into a 2 party IP conference meeting.

CONFERENCE MANAGER APPLICATION
PC based application for voice message editing, conference unit control, and 3rd party collaboration applications.

PSTN INTERFACE

AC ADAPTER

EXTERNAL MIC 1

LAN INTERFACE

EXTERNAL MIC 2

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KX-NT700
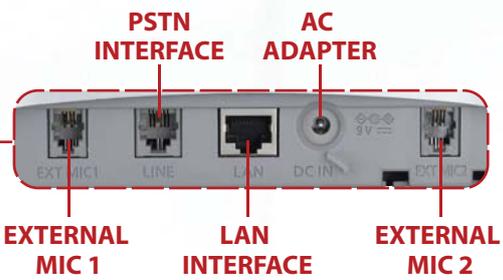
HIGH DEFINITION VOICE QUALITY
Full Duplex 7KHz Audio.

AUDIO IN/OUT

3.5mm Audio Input/Output jack that can be used to connect to:
a. External audio recording devices
b. Personal Computers, or
c. Wireless Handsets

SD CARD SUPPORT
Record you meetings on to a SD card

Connection Diagram

LAN

IP Network

PSTN Network
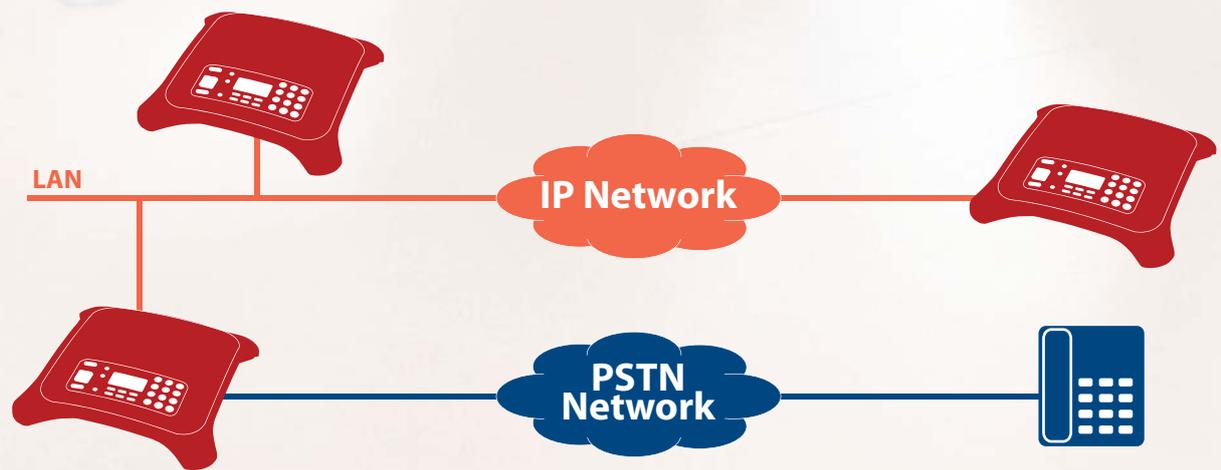
Conference Phone Manager Application

The Conference Phone Manager is a Windows based application tool providing full access to all conference unit features and functionalities:

- Call Setup
- Volume Control
- Mute
- Dialling Keypad
- Phonebook
- Multi-party Conferencing
- Ability to share applications to conference participants
- Phonebook access and management
- Calendar synchronization and call automation
- Call logs of calls made/received
- Application to record and edit call and memo recording
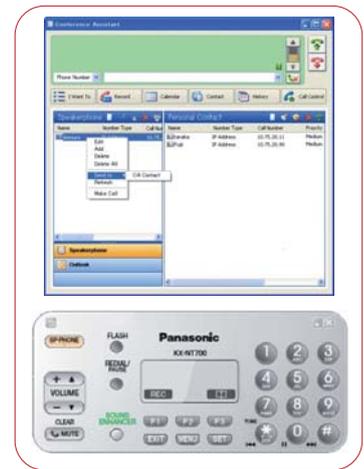
Accessories - External Microphone

The KX-NT700 supports up to 2 KX-NT701 External Microphones.

Specifications

	Technical specifications	
Analogue 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 (64MB SD Card included.)
	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
	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	55H x 275W x 275D
	Weight	1.3kg
Power supply	AC Adapter (PQLV206)	Input 85-276V / max 0.3A Output DC9V 750mA
Power consumption	PoE	IEEE802.3af compliant 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 suppression	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	Calendar	Yes
	Caller ID	No
	Phonebook	100
	Dialer Storage Capacity	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	Yes
	Tone/Pulse	
	Multi point conferencing	3 points
	All/individual disconnect	Yes
Conference Recording	Recording time period	120 Minute (64MB SD Card)
	Number of recorded data	Maximum 100
	New message playback	Yes
	FF/REV/STOP	Yes
	Skip/Repeat	Yes
	All/individual erase	Yes
	Time stamp	Yes

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