

IP Conferencing Phone

KX-NT700

Enhanced Communications Solutions



Panasonic ideas for life



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.

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.

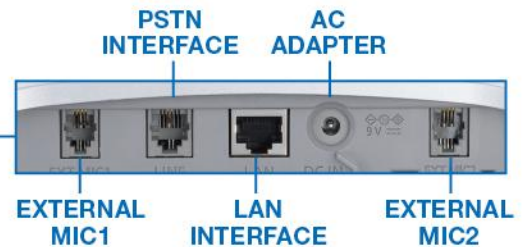
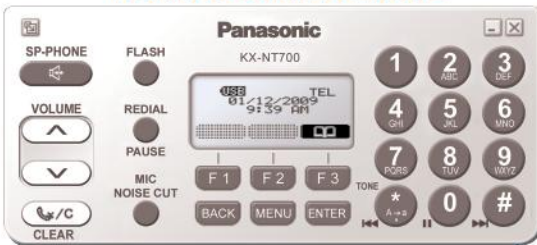
SD card recording

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.

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 |
| Microphone Interface | I/F connector | RJ9 x 2 |
| | 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 | S/N Ratio | Above 58dB at 1kHz |
| | LCD Resolution | 103 x 48 Full dot |
| | LCD Back light | Yes (white) |
| Status Indicator | LCD contrast | Yes (6-level) |
| | 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 |
| | Operating temperature | 0°C-40°C |
| | Storage temperature | -10°C-50°C |
| Environment conditions | 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 | Yes |
| | Tone/Pulse | |
| | Multi point conferencing | 3 points |
| Conference Recording | All/individual disconnect | Yes |
| | 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

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**Telephone
Systems**