

# Panasonic

Terminal & Application Lineup

**KX-NT Series/KX-DT Series**

**KX-HDV Series/KX-HDV800**

**KX-NTV Series/KX-TCA Series/KX-UDT Series**

**UC Applications**



Panasonic provides you with the ideal workstyle.



# KX-NT Series

## For all businesses that require advanced communication

KX-NT500 Series IP telephones take you to a new dimension of sound with excellent HD-quality audio on every phone, combined with easy access to powerful support features.

In addition, KX-NT600 Series is equipped with a large LCD that greatly helps your operation with the enhanced user interface, answering the needs of various types of business users.



- Large Colour LCD with Intuitive GUI **NT680**
- Customizable Image **NT680**
- Flexible Function Keys  
12 Items x 4 Pages with Self-labelling



- High Definition "HD" Audio
- Full Duplex Speakerphone

- Self-labelling Flexible Function keys with Backlight LCD Display



- EHS Support
- Integrated Bluetooth®

### KX-NT Series Key Features

- HD Voice
- Full Duplex Speakerphone
- Gigabit Ethernet Port
- PoE
- Large Display with Backlight
- Self-labelling Flexible Function Keys
- EHS Support
- Built-in Bluetooth®

\* Some functions are not supported by some models. For the details, please refer to the Terminal Comparison chart on p10-p11.

# KX-DT/KX-T Series

## High-quality communication with high cost-performance

KX-DT500 Series digital proprietary telephones offer advanced productivity features such as an easy-to-see large display with backlight, a full duplex speakerphone and flexible function keys. KX-DT600 series incorporates a large colour LCD screen with a slim design. The large LCD screen also helps to ensure correct operation and improves usability. They are designed to be a cost effective choice for any business.



- Large Colour LCD with Intuitive GUI **DT680**
- Customisable Image **DT680**
- 48 Flexible Functional Keys **DT680**  
(12 Keys x 4 Pages)



- Full Duplex Speakerphone

- Three-Step Screen Angle Adjustment



### KX-DT Series Key Features

- Slim Design
- Large Colour LCD Display with Intuitive Operation (DT680)
- 48/24-Key Self Labelling  
KX-DT680 : 48 Keys  
KX-DT635 : 24 Keys
- Built-in EHS
- Three-Step Screen Angle Adjustment

\* Some functions are not supported by some models.

### Single Line telephone

## KX-T7716



#### Flexible

- A flat and slim design that fits any type of office design.

#### Productive

- 10 auto answer emergency numbers, caller ID and speaker phone, message waiting light.

#### Affordable

- Compatible with affordable communication servers to create simple office solutions.

\* For other analogue terminal lineups, please confirm p14.

# KX-HDV Series

## Flat and slim design, sophisticated communication

KX-HDV series is an IP telephone that harmonizes with IP-converted offices and pursues ease of use.

This series can answer a wide range of business needs from basic functions to video conferencing.

All models support handsets and speaker phones with full and clear sound quality, offering sophisticated communication.



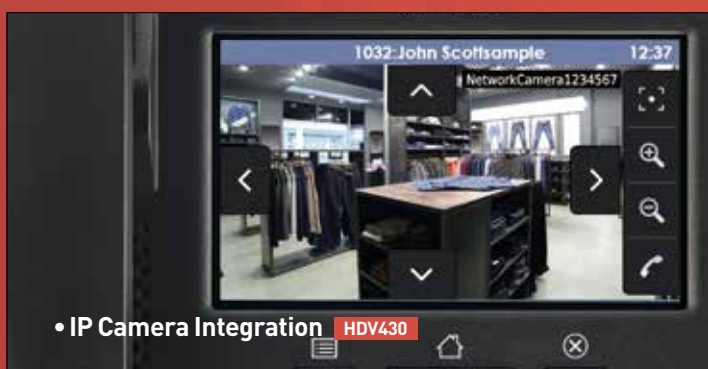
- 4.3-inch Colour TFT LCD Touch Panel **HDV430**
- Video Call Capability **HDV430**



- Full Duplex Speakerphone
- HD Sound with Wideband Audio



- 12 Function Keys with Self-labelling **HDV230**



- IP Camera Integration **HDV430**

### KX-HDV Series Key Features

- Full Duplex Speakerphone
- HD Sound with Wideband Audio
- LCD Display with Backlight
- Flexible Function Keys
- Gigabit Ethernet Port
- PoE
- EHS Support
- Built-in Bluetooth

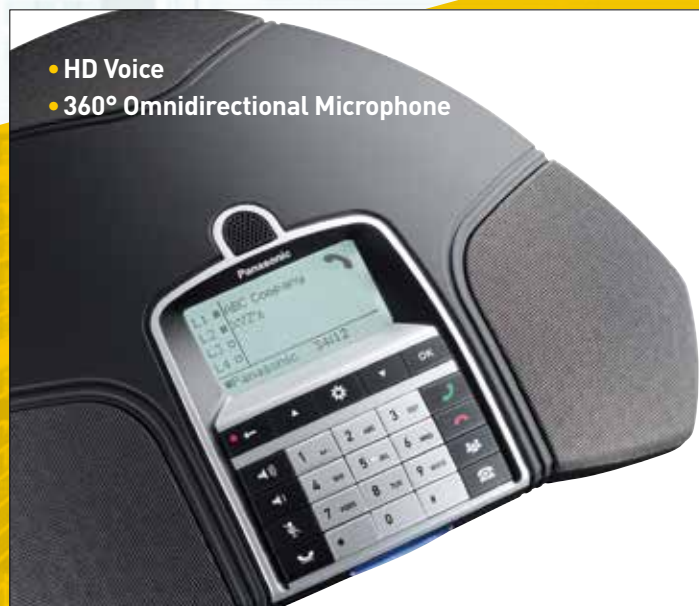
\* Some functions are not supported by some models. For the details, please refer to the Terminal Comparison chart on p12.

# KX-HDV800

## Simple, Effortless, and Quick Start Conference Calls

In the KX-HDV800 conference phone, we have embedded the best of current technology to reduce noise and deliver crystal-clear HD audio experience. All this is made possible using an advanced 360° omnidirectional microphone.

The KX-HDV800 and Panasonic Conference App work together to bring One Touch Conferencing into the conference room.



- HD Voice
- 360° Omnidirectional Microphone



- LED Status Indicator



- Illuminated Graphics (LCD), 128 x 64 pixels

### Panasonic Conference App

- Call contacts straight from your local address book
- Create conference groups and add participants
- Adjust the volume

### Optional Equipment

- Expansion Microphone x 2 pcs (KX-HDV01)

### KX-HDV800 Key Features

- HD Sound with Wideband Audio
- Full Duplex Speakerphone
- Multi-Party Call (Up to 5 parties)
- PoE
- Secure VoIP (SIPS/SIP-TLS, SRTP)
- Conference Recording to SD/SDHC Card
- Bluetooth for Exclusive Application
- LDAP Phonebook

# KX-NTV Series

## Flexible communication and safety monitoring

KX-NTV series is a versatile business communication system equipped with a built-in camera and speakerphone, offering simultaneous video and high definition audio. It also delivers surveillance and recording features, while the ability to connect to mobile phones and tablets allows for superior business communication, remotely and on demand.

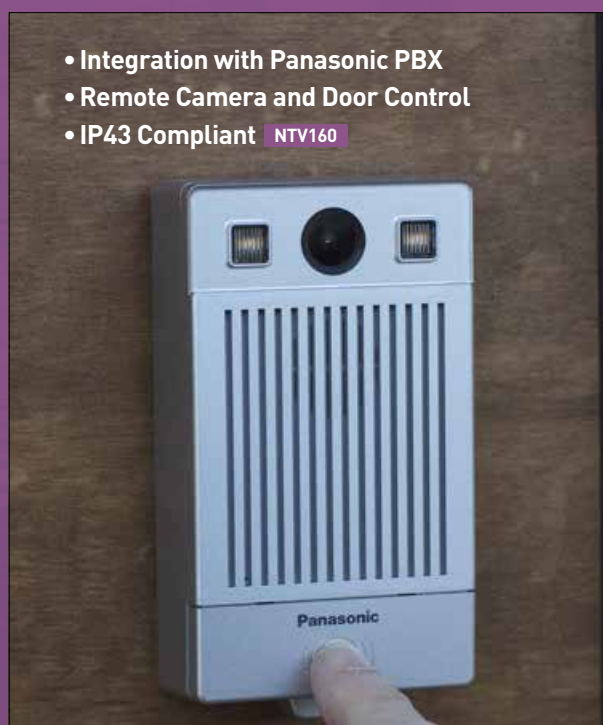


- Built-in Speaker, Microphone and Camera
- Record Audio with HD Video
- Motion, Voice and Tampering Detection\*

\* KX-NTV series alerts you if your camera is being tampered with e.g., spray, redirection and defocusing.



- Integration with Panasonic PBX
- Remote Camera and Door Control
- IP43 Compliant **NTV160**



### KX-NTV Series Key Features

- Built-in Speaker, Microphone and Camera
- Record Audio with HD Video
- Integration with Panasonic PBX
  - NS series** **NSX series**
- Connect to Mobile Devices
- Motion, Voice and Tampering Detection
- Supports up to 10 Multiple Connections
- Remote Camera and Door Control
- One-touch Call
- Built-in PoE
- Built-in Wireless LAN (requires optional AC adapter)
  - NTV150**
- IP43 Compliant **NTV160**
- Easy Installation and Maintenance



- One-touch Call

# KX-TCA/KX-UDT Series

## Cordless mobility solution offering smooth communication

KX-TCA and KX-UDT series are DECT wireless handsets designed to provide smooth communication in business scenes.

Combined with an IP cell station or repeater, you can realize highly reliable mobility within large premises. Moreover, they are equipped with useful features such as noise reduction, providing more comfortable conversation. A wide range of handsets are available to meet your needs; from standard and compact handsets to a tough type model.



- 1.8-inch Colour LCD
- 3 Soft Keys



- 12 Flexible Function Keys
- Noise Reduction
- Full Duplex Speakerphone



- IP65 Compliant Dust Protection and Splash Resistance

**TCA385 UDT131**



- Belt Clip

### KX-TCA/KX-UDT Series Key Features

- 1.8-inch Colour LCD
- Flexible Function Keys
- Full Duplex Speakerphone
- Soft Keys
- Noise Reduction
- Paging
- IP65 Compliant
- Built-in Bluetooth
- Vibration

**TCA385 UDT131**

\* Some functions are not supported by some models. For the details, please refer to the Terminal Comparison chart on p13.

# UC Pro/Mobile Softphone/Communication Assistant

Panasonic's three powerful applications enhancing your communication

**UC Pro\*\*2** enables easy, intuitive communication in a variety of forms, including fast, precise information transmission and seamless multi-device connection. Smooth compatibility with a Panasonic PBX offers strong support for various kinds of business.



### UC Pro Key Features

- Voice Call
- Text Chat
- Audio Chat
- Video Chat
- Contact List
- Presence
- Telephony (CTI) using PBX Extension
- Mobile Integration
- Integrated Calendar
- Integration with Microsoft® Outlook®

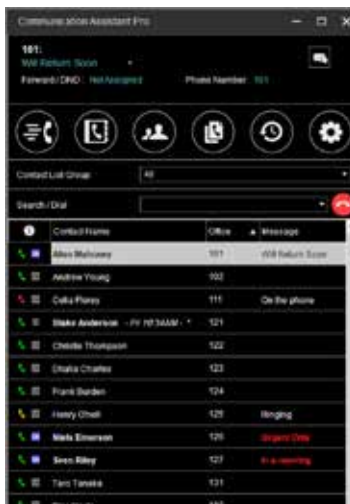
**Mobile Softphone\*\*2** is a simple application that brings audio and visual communication together in your mobile device. It lets you use your smartphone just the way you want, while maximizing mobility and minimizing costs.



### Mobile Softphone Key Features

- Audio Call
- Video Call
- Smartphone Works as a Company Phone Extension
- Push Notification
- SIP-TLS Support
- Call Log/Missed Call Indicator
- Simple Installation

**Communication Assistant** is a highly intuitive PC-based application suite with a variety of collaboration tools. Four versions - Basic Express, Professional, Supervisor, and Operator Console - are available, all of which offer high-performance functions for desktop integration and telephone system management.



### Communication Assistant Key Features

- Point and Click Call Control
- Rich Presence Functionality
- Team Collaboration Tools
- Instant Messaging (Chat)
- Visual Voice Messaging
- Unified Messaging
- Integration with Microsoft Outlook
- Doorphone and IP Camera Control
- Call History, Calls Made, Calls Missed
- Call Centre Features
- Agent Login/Logout and Wrap-up
- Supervisor Group Call Monitoring and Management



\*1 An internet connection (Wi-Fi/3G/4G/LTE) is required to use the application on mobile devices such as smartphones or tablets. Voice quality may depend on the network environment.


\*2 UC Pro app and Mobile Softphone app are available on the App Store or Google Play™.



# Terminal Comparison

IP proprietary telephone/Digital  
proprietary telephone/IP Phone/  
DECT portable station/Single line  
telephone

# Terminal Comparison

		IP proprietary telephone				
		KX-NT680	KX-NT630	KX-NT556	KX-NT553	KX-NT551
						
Main LCD Display (Lines/Characters)		4.3 inch	3.6 inch	6 / 24	3 / 24	1 / 16
LCD Backlight		Yes	Yes	Yes	Yes	Yes
Flexible Function Keys		12 x 4	6 x 4	12 x 3	12 x 2	8
Self-Labeling		Yes	Yes	Yes	Yes	–
Navigator Keys		Yes	Yes	Yes	Yes	Yes
Soft Keys		5	4	4	4	–
Call Log Incoming/Outgoing Calls		Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Ethernet Port		2 - 10/100/1000Mbps (GbE)	2 - 10/100/1000Mbps (GbE)	2 - 10/100/1000Mbps (GbE)	2 - 10/100/1000Mbps (GbE)	2 - 10/100/1000Mbps (GbE)
Power over Ethernet (PoE)		Yes	Yes	Yes	Yes	Yes
AC Adapter		Option	Option	Option	Option	Option
Speakerphone		Yes (Full Duplex/Wideband)	Yes (Full Duplex/Wideband)	Yes (Full Duplex/Wideband)	Yes (Full Duplex/Wideband)	Yes (Full Duplex/Wideband)
Headset Port		Yes	Yes	Yes	Yes	Yes
Electric Hook Switch (EHS)		Yes	–	Yes	Yes	–
Built-in Bluetooth®		Yes	–	–	–	–
Eco Mode		–	–	Yes	Yes	Yes
Wall Mountable		Option	Option	Option	Option	Option
Dimensions (mm)*1 (WidthxDepthxHeight)	High Position	220x187x197	205x187x197	267x170x180	267x170x180	205x160x170
	Low Position			267x187x155	267x187x155	
Weight (g)*2		930	900	1150	1180	840
Colour		Black	Black	Black	Black	Black
Option						
Add-on 48-Key Module	<b>KX-NT505</b>	–	–	Yes	Yes	–
Digital DSS console	<b>KX-DT590</b>	–	–	–	–	–
20-Key Expansion Module	<b>KX-HDV20</b>	–	–	–	–	–

\*1 Including handset and stand.

\*2 Including handset, handset cord and stand.

Digital proprietary telephone

KX-NT543	KX-DT680	KX-DT635	KX-DT546	KX-DT543	KX-DT521
					
3 / 24	4.3 inch	3.6 inch	6 / 16	3 / 16	1 / 16
Yes	Yes	Yes	Yes	Yes	Yes
24	12 x 4	6 x 4	24	24	8
–	Yes	Yes	–	–	–
Yes	Yes	Yes	Yes	Yes	– (4-Direction Key)
4	5	4	4	4	–
Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
2 - 10/100Mbps	–	–	–	–	–
Yes	–	–	–	–	–
Option	–	–	–	–	–
Yes	Yes (Full Duplex)	Yes (Full Duplex)	Yes (Full Duplex)	Yes (Full Duplex)	Yes (Full Duplex)
Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	–
–	–	–	–	–	–
Yes	–	–	–	–	–
Option	Option	Option	Option	Option	Option
267×170×180	220×187×197	205×187×197	267×170×180	267×170×180	205×160×170
267×187×155	220×187×156	205×187×156	267×187×155	267×187×155	
1110	890	890	1090	1070	810
Black	Black	Black	Black	Black	Black
Option					
–	–	–	–	–	–
–	–	–	Yes	Yes	Yes
–	–	–	–	–	–

# Terminal Comparison






		SIP phone				
		KX-T7665	KX-HDV430	KX-HDV330	KX-HDV230	KX-HDV130
						
<b>Main LCD Display</b> (Lines/Characters)		1 / 16	4.3 inch	4.3 inch	2.3 inch*3	2.3 inch
<b>LCD Backlight</b>		–	Yes	Yes	Yes	Yes
<b>Flexible Function Keys</b>		8	8 x 3	8 x 3	12 x 2	2
<b>Self-Labeling</b>		–	Yes	Yes	Yes	–
<b>Navigator Keys</b>		–	–	–	Yes	Yes
<b>Soft Keys</b>		–	– (Touch Panel)	– (Touch Panel)	3	3
<b>Call Log Incoming/ Outgoing Calls</b>		–/–	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
<b>Ethernet Port</b>		–	2 - 10/100/1000Mbps (GbE)	2 - 10/100/1000Mbps (GbE)	2 - 10/100/1000Mbps (GbE)	2 - 10/100Mbps
<b>Power over Ethernet (PoE)</b>		–	Yes	Yes	Yes	Yes
<b>AC Adapter</b>		–	Option	Option	Option	Option
<b>Speakerphone</b>		Yes	Yes (Full Duplex/ Wideband)	Yes (Full Duplex/ Wideband)	Yes (Full Duplex/ Wideband)	Yes (Full Duplex/ Wideband)
<b>Headset Port</b>		–	Yes	Yes	Yes	Yes
<b>Electric Hook Switch (EHS)</b>		–	Yes	Yes	Yes	–
<b>Built-in Bluetooth®</b>		–	Yes	Yes	–	–
<b>Eco Mode</b>		–	Yes	Yes	Yes	Yes
<b>Wall Mountable</b>		Yes	Yes	Yes	Yes	Option
<b>Dimensions (mm)*1</b> (WidthxDepthxHeight)	<b>High Position</b>	177x201x127	195x190x209	195x190x209	252x179x188	167x165x148
	<b>Low Position</b>	177x213x107	195x184x188	195x184x188	252x187x154	167x173x115
<b>Weight (g)*2</b>		700	870	850	1030	691
<b>Colour</b>		Black	Black	Black	Black	Black
Option						
<b>Add-on 48- Key Module</b>	<b>KX-NT505</b>	–	–	–	–	–
<b>Digital DSS console</b>	<b>KX-DT590</b>	–	–	–	–	–
<b>20-Key Expansion Module</b>	<b>KX-HDV20</b>	–	Yes	Yes	Yes	–

\*1 Including handset and stand.



\*2 Including handset, handset cord and stand.

\*3 Also comes equipped with a 5 inch LCD side screen.

DECT portable station

KX-TCA385	KX-TCA285	KX-TCA185	KX-UDT131	KX-UDT121
				
1.8 inch	1.8 inch	1.8 inch	1.8 inch	1.8 inch
Yes	Yes	Yes	Yes	Yes
12	12	12	12	12
–	–	–	–	–
Yes	Yes	Yes	Yes	Yes
3	3	3	3	3
Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
–	–	–	–	–
–	–	–	–	–
Included	Included	Included	Included	Included
Yes (Full Duplex)	Yes (Full Duplex)	Yes (Full Duplex)	Yes (Full Duplex)	Yes (Full Duplex)
–	Yes	Yes	–	Yes
–	–	–	–	–
Yes	Yes	–	Yes	Yes
–	–	–	–	–
–	–	–	–	–
55×23×151.5	48.5×17.9×127.5	48.2×25.4×146.3	55×23×152	48.5×17.9×127.5
150 (Including belt clip)	88	115	150 (Including belt clip)	88
Black	Black	Black	Black	Black
–	–	–	–	–
–	–	–	–	–
–	–	–	–	–

# Terminal Comparison

		Single line telephone	
		KX-T7716*3	KX-T7710*4
			
Main LCD Display (Lines/Characters)		3 / 16	–
LCD Backlight		–	–
Flexible Function Keys		–	–
Self-Labeling		–	–
Navigator Keys		Yes	–
Soft Keys		–	–
Call Log Incoming/ Outgoing Calls		–	–
Ethernet Port		–	–
Power over Ethernet (PoE)		–	–
AC Adapter		–	–
Speakerphone		Yes	–
Headset Port		Yes	–
Electric Hook Switch (EHS)		–	–
Built-in Bluetooth®		–	–
Eco Mode		–	–
Wall Mountable		Yes	Yes
Dimensions (mm)*1 (WidthxDepthxHeight)	High Position	172×220×105	170×219×84
	Low Position		
Weight (g)*2		794	600
Colour		Black	Black
Option			
Add-on 48- Key Module	KX-NT505	–	–
Digital DSS console	KX-DT590	–	–
20-Key Expansion Module	KX-HDV20	–	–

\*1 Including handset and stand.

\*2 Including handset, handset cord and stand.

\*3 Equipped with 10 one-touch dial keys.

\*4 Equipped with one-touch dial keys. In PBX mode, up to 8 one-touch dial keys can be assigned to your PBX to be shared by all connected KX-T7710. In Normal mode, up to 5 one-touch dial keys can be assigned to each KX-T7710, and the key settings are not shared.

## IP conferencing phone

KX-HDV800



## Optional equipment

### KX-NT505\*5

Add-on 48-Key Module



### KX-DT590\*5

Digital DSS console  
(48-key)



### KX-HDV801\*6

Expansion microphone  
(2 pcs.)



\*5 Applicable models are indicated in the terminal comparison chart.

\*6 For KX-HDV800 only

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**Important**

- Safety Precaution: carefully read the operating instructions and installation manual before using these products.

- Some models and applications are available in limited countries.
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- Weights and dimensions are approximate.
- Design and specification subject to change without notice.
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