Panasonic
BUSINESS

KX-HDV Series

THE FREEDOM
TO COMMUNICATE
WITHOUT CONSTRAINT

Panasonic
KX-HDV340

340   12:34

12:34

01 Oct. 2018
Monday

Function   Phonebook   Call History

Voice
Message   FWD/DND   Line Status

MENU   HOME   CANCEL

HD
SONIC

A Better Life, A Better World

Cost saving
without compromise

The innovative KX-HDV series of SIP deskphones brings you exceptional communication performance, faultless reliability and long-term cost savings in one complete package.

Able to connect to multiple lines whilst offering crystal-clear HD sound, bright LCD technology and support for BroadSoft, this world-leading and versatile range now boasts touchscreen capability and desktop video communication.

Linking with an IP camera

The display on the phone, used as a monitor, makes it easier to confirm any situation providing flexible crime prevention and on-site management.

Colour TFT touch panel

Easy confirmation of BroadSoft UC-One presence.

Video communication

Up to three people can communicate with video images. This allows fast and easy mini-videoconferences for more flexible business opportunities.

KX-HDV430

Flexible Visual Communication

16-line IP phone

Built-in video camera

4.3″ colour TFT LCD touch panel

Ability to link with an IP camera*

24 flexible function keys with optional expansion to up to 224 keys

HD sound with wideband audio

Support for UC features including BroadSoft

Built-in Bluetooth®

The versatile KX-HDV430 marks the high-end addition to Panasonic's now complete range of deskphones, thanks to its built-in video camera, offering multiway video communication and remote visual monitoring. Low-cost maintenance, easy installation and long-term reliability ensure this advanced model remains a cost-effective solution that is ideal for use in both office and home environments.

*Only Panasonic IP camera models KX-NTV150 and KX-NTV160

KX-HDV340

Business communication at your fingertips

4-line IP phone

4.3″ colour TFT LCD touch panel

Built-in Bluetooth®

24 flexible function keys with optional expansion to up to 224 keys

Full duplex speakerphone

HD sound with wideband audio

Support for UC features including BroadSoft

The Panasonic KX-HDV340 delivers affordable high quality, with the added-value features of a touchscreen LCD panel, increased function keys and the ability to connect to up to 4 lines. As with all products in the deskphone series, low-cost maintenance, easy installation and long-term reliability mean that the KX-HDV340 is both a cutting-edge and cost-effective solution, whatever your business size.

Colour TFT touch panel

The KX-HDV430's 4.3″ colour LCD touch panel with backlight makes video images crisp and clear and encourages simple and intuitive operation.

Video communication

The built-in video camera allows face-to-face conversation via the phone's colour LCD screen, while a 3-party videoconferencing feature enables remote and increasingly flexible business meetings.

IP camera linking feature*

By linking with an IP camera you can visually monitor and manage on-site environments such as your factory or sales floor without leaving your desk.

*Only Panasonic IP camera models KX-NTV150 and KX-NTV160

HD voice quality

Comes complete with HD sound with wideband audio including full duplex speakerphone, acoustic echo cancellation and packet loss concealment to maximise wideband performance and enable crystal-clear communication.

Colour TFT touch panel

The KX-HDV340's 4.3″ back-lit colour LCD touch panel makes text easier to read and allows simple and intuitive operation.

Built-in Bluetooth®

A wireless headset can be used to enable a smooth and seamless response to incoming calls.

HD voice quality

Comes complete with HD sound with wideband audio including full duplex speakerphone, acoustic echo cancellation and packet loss concealment to maximise wideband performance and enable crystal-clear communication.

Multiple lines and function keys

The KX-HDV340 has the ability to connect to as many as 4 lines, and features a total of 24 function keys for added speed, convenience and usability. Flexible functionality enables expansion to up to 224 keys with our optional expansion module.

KX-HDV230

Multiple features, minimal cost

- 6-line IP phone
- 2.3" main LCD screen
- 5" self-labelling LCD
- HD sound with wideband audio
- Full duplex speakerphone
- Support for UC features including BroadSoft UC-One/uaCSTA
- 2 LAN GbE ports

Thanks to its easy installation, low-cost maintenance and long-lasting capabilities, the KX-HDV230 offers lower cost of ownership and improved return on investment whilst still bringing the communication excellence that's vital to the small business environment.

KX-HDV130

Flexible features for cost-conscious businesses

- 2-line IP phone
- 2.3" LCD screen
- HD sound with wideband audio
- Full duplex speakerphone
- Support for UC features including BroadSoft UC-One/uaCSTA
- 2 × LAN ports

The Panasonic KX-HDV130 IP deskphone delivers the ideal balance of low-cost/high quality, alongside a range of value-adding features. Designed to suit business buyers who demand budget-friendly technology that provides the reliable, flexible performance their businesses require, the KX-HDV130 makes professional-grade communications more accessible than ever.

Easy installation and maintenance

As any business owner will know, the initial cost of purchasing a phone is only one part of the story. The KX-HDV130 manages to achieve long-lasting cost savings thanks to its ease of installation, use and maintenance. Users will find the phone is up and running without delay and its uncompromising reliability means maintenance costs are kept to an absolute minimum. Equally, when in standby mode, the phone consumes minimal power, again reducing costs.

Improved usability and flexibility

Up to six lines, 2 × Gigabit Ethernet & PoE. Gigabit Ethernet and the ability to connect a single unit to as many as six lines means communication is smooth and easy. PoE compatibility also eliminates the need for an AC adaptor.

12 function keys with self-labelling

12 function keys can be continuously displayed on screen while up to 24 numbers can be registered. Flexible functionality enables expansion to up to 224 keys with our optional expansion module.
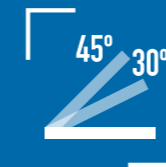
HD voice quality

Comes complete with HD sound with wideband audio features to maximise wideband performance and enable crystal-clear communication, including full duplex, acoustic cancellation and packet loss concealment.

Large, easy to read LCD with backlight

2.3" main LCD and 5" self-labelling LCD with backlight makes text easy to read and fast to access, bringing speed and accuracy to daily communication.

Flat and slim design

The KX-HDV130 fits perfectly onto many office desktops, thanks to its flat and slim design. For maximum user convenience, the 10 key buttons are concave, and the phone can be tilted to 30º or 45º.

HD voice quality

To deliver the clear communications professional users demand, the KX-HDV130 includes a combination of HD sound with wideband audio features, such as full duplex, acoustic echo cancellation and packet loss concealment, in its hardware and software to maximise voice quality and wideband communication performance.

Line and programmable keys

The operation panel features two line keys and programmable keys. This allows users to allocate functions to the keys for added speed and convenience.

2.3" LCD screen

The large 2.3" display with 132 × 64 pixel resolution shows four lines of information. The display on the KX-HDV130 is equipped with a back-lit LCD to allow easy operation.

KX-HDV20

IP DSS Console

40 DSS
(20 buttons × 2 pages)

Direct Station Selection

Pre-programmable one-touch number dialling

5" self-labelling LCD

Busy Station Signalling

Connects direct to the KX-HDV230/KX-HDV340/KX-HDV430

Maximum of 5 DSS consoles per phone can be connected

The sleek, ultra-modern design, available in both black and white colour options, works well with any office decor.

KX-HDV SIP deskphone series

KX-HDV130

KX-HDV340

KX-HDV230

KX-HDV430

KX-HDV20

KX-HDV20 Specifications		KX-HDV20
LCD (self-labelling)		160 × 384 dot 5" graphical
LCD backlight		Yes
Flexible function key		20
Page key		1 (toggle)
Self-labelling pages		2 pages
Input/output connection (interface)		Special RJ11 × 2 (USB signal)
Power supplied from host phone	AC adaptor	Yes
	PoE	Not supported
Self-power supply on expansion module	AC adaptor	Not supported
Installation	Desk stand	3 position (30°/45°/60°)
	Wall mount	Yes (included)
Maximum expansion units		Max. 5 units
Dimensions (W × D × H) (mm)		110 × 176 × 121 (30°) 110 × 176 × 153 (45°) 110 × 175 × 177 (60°)

KX-HDV SIP deskphone series in detail

	KX-HDV430	KX-HDV340	KX-HDV230	KX-HDV130
Phone features				
LCD screen	4.3" colour TFT LCD touch panel	4.3" colour LCD touch panel with backlight	2.3" main LCD and 5" self-labelling LCD	2.3" LCD screen
Flexible function keys	24 flexible function keys with self-labelling[*1]	24 flexible function keys with self-labelling[*1]	12 flexible function keys with self-labelling[*1]	–
Anonymous call (CLIR), Anonymous call rejection	Yes	Yes	Yes	Yes
Call forward, Call hold, Call transfer, Call waiting	Yes	Yes	Yes	Yes
Caller ID (CLIP, CNIP), Caller ID blocking	Yes	Yes	Yes	Yes
Distinctive ring	Yes	Yes	Yes	Yes
Do not disturb	Yes	Yes	Yes	Yes
Ring selection	Yes	Yes	Yes	Yes
Local phonebook	Up to 2,500 numbers (500 items × 5 numbers)	Up to 2,500 numbers (500 items × 5 numbers)	Up to 500 numbers	Up to 500 numbers
LDAP/XML remote phonebook	Yes	Yes	Yes	Yes
Blacklists	Up to 30 lists	Up to 30 lists	Up to 30 lists	Up to 30 lists
Built-in Bluetooth®	Yes	Yes	–	–
IP features				
SIP Accounts	16	4	6	2
IP Version	IPv4, IPv6	IPv4, IPv6	IPv4, IPv6	IPv4, IPv6
NAT traversal [STUN I Rport [RFC3581] I Port Punching	Yes	Yes	Yes	Yes
Embedded web server	Yes	Yes	Yes	Yes
QoS [Layer 3 ToS DSCP I 802.1p I Q tagging [VLAN]	Yes	Yes	Yes	Yes
Audio features				
HD voice	Yes	Yes	Yes	Yes
Wideband codec	G.722	G.722	G.722	G.722
Narrowband codec	G.711a-law, G.711µ-law, G.729a	G.711a-law, G.711µ-law, G.729a	G.711a-law, G.711µ-law, G.729a	G.711a-law, G.711µ-law, G.729a
DTMF	In band, Out band (RFC2833), SIP INFO	In band, Out band (RFC2833), SIP INFO	In band, Out band (RFC2833), SIP INFO	In band, Out band (RFC2833), SIP INFO
Full duplex speakerphone	Yes	Yes	Yes	Yes
AEC / PLC	Yes	Yes	Yes	–
BroadSoft compatible[*2]	Yes	Yes	Yes	Yes
Interface				
Ethernet port	2 × 10/100/1000 Mbps	2 × 10/100/1000 Base-T	2 × 10/100/1000 Base-T	2 × 10/100 Base-T
Video features				
Video codec	H.264			
Video call format	QCIF, QVGA, CIF, VGA, 720p			
Frame rate selection	up to 30fps			
Ability to link with IP camera[*3]	Yes			

[*1] Up to 224 keys with optional expansion module. [*2] Basic call feature, missed calls display, N-way conference, Busy Lamp Field, call centre, call park notification, click-to-call, Feature Key Synchronisation, shared call appearance, BroadSoft Xsi, BroadSoft Presence, BroadSoft Xsi Phonebook. [*3] Only Panasonic IP camera models KX-NTV150 and KX-NTV160.

KX-HDV20
Option Expansion Module (DSS)

LCD	160 × 384 dot monochrome graphical display with backlight LED (self-labelling for 20 × flexible function keys)
LED hardware key	20 × flexible function key LEDs (red/blue)
	20 × flexible function key LEDs (1 × page toggle key for self-labelling display)
Control interface	2 × USB signal on RJ11 (6P6C) (one is input, another is output)
Power supply	From host phone (HDV230/HDV340/HDV430)

Panasonic

BUSINESS

Ready to discover more about the
KX-HDV SIP deskphone series?

For full details visit
business.panasonic.eu