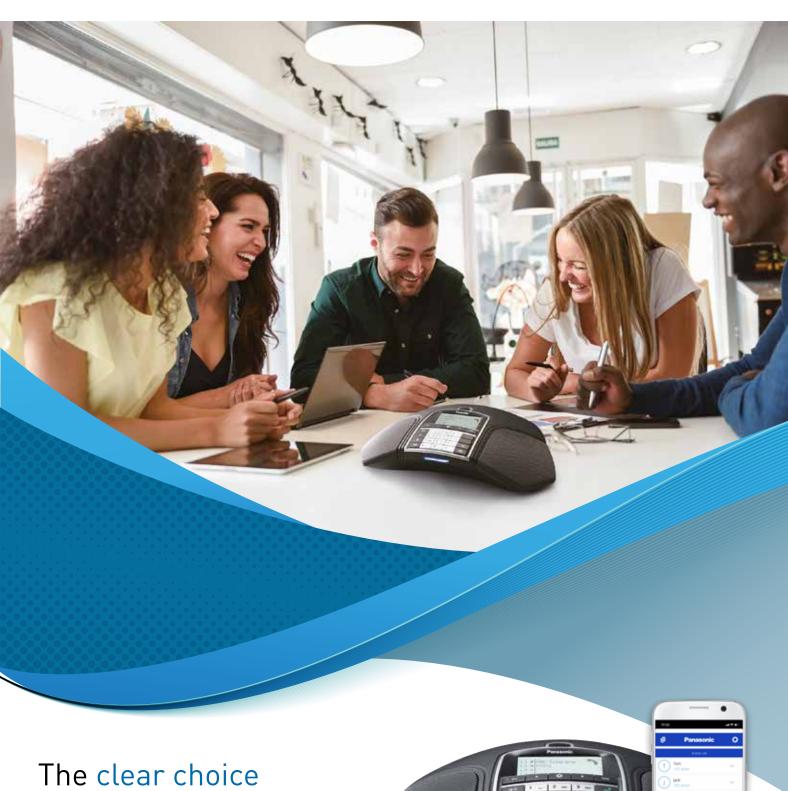The clear choice
for better collaboration

Simple, effortless, and quick start conference calls

Dive straight into clear audio

In today's busy business world, you don't want to waste time trying to figure out what to do or who to call in order to start conference calls. Joining a meeting with the KX-HDV800 couldn't be simpler: Just one click!

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

Intuitive operation in the palm of your hand

The Panasonic Conference App is your capable meeting assistant. Managing meetings is much more personal and direct when you're holding the user interface in your hand. Intuitively call contacts straight from your local address book, create conference groups, adjust the volume and more during meetings by using your mobile or tablet. You no longer need to get up and operate the keypad of the conference phone that is far away at the centre of the table.

The KX-HDV800 and Panasonic Conference App work together to bring One Touch Conferencing into the conference room. A single touch is all it takes to start or join a phone meeting that is scheduled in your calendar.

Experience a new world of versatility

■ Use with an SD card
Conference calls can be very chaotic, and not everyone is necessarily taking notes on what's being said and agreed upon. By using the KX-HDV800's built-in SD memory card port, you can record any conference call on an SD/SDHC card (32 GB max., sold separately) for later referencing. Internal meetings can also be recorded by using the KX-HDV800 as a reliable Dictaphone. Capacity-wise, it's as easy as it gets with 35 hours of recording per GB.

■ Use with external equipment
A single KX-HDV800 is capable of handling small-sized conference rooms up to 30 m^2. Moreover, a wide array of ports allows KX-HDV800 to connect to extra microphones and wireless headsets, making it the ideal IP conference phone for rooms of all sizes up to large auditoriums.

■ Use with a computer
The KX-HDV800 transforms your computer into a piece of high-quality conferencing equipment. Unlike normal computer speakers and microphones, the KX-HDV800 provides full-duplex (two-way audio) and efficient echo cancellation and static noise reduction.

By connecting the KX-HDV800 to a computer which has a UC application installed (such as Panasonic IP Softphone or UC Pro), the computer allows the KX-HDV800 to process the audio, improving the sound quality when using such application.

Locations

KX-HDV800

SD memory card port

NFC symbol
for swift connection
to the Panasonic
Conference App

LED

360° Omnidirectional
Microphone

Speaker

Control Panel

USB (Mini B) port

LED

Speaker

LED

Speaker

LED status

Blue : Call in progress
Blue (flashing) : Incoming call
Red : Mute, microphone turned off
Red (flashing) : Hold, microphone and speaker turned off

Panasonic Conference App

Manage
participants

Add participants

Volume control

Create/split
conference

Hangup call

Mute

Open keypad

Panasonic Conference Application is free to download
from the App Store® and Google Play™ store.

Back side

Ethernet cable port

Expansion
microphone port

Expansion
microphone port

Power supply port

AUX port

Security lock port

Specifications

General

Compatible PBX	KX-NS Version 8.0 or later KX-NSX1000/2000 Version 4.11 or later
Dimensions (Width × Depth × Height)	275 × 240 × 77 mm
Weight	1 kg
Colour	Liquorice black
Display screen	Illuminated graphics (LCD), 128 × 64 px
Keypad	Alphanumerical 0-9, *, on, off, mute, hold, volume up, volume down, 5 buttons for menu navigation, line mode, conference guide
Anti-theft protection	Kensington security slot
Memory	Support for SD and SDHC memory cards (Recording capacity 35 h/GB)
PoE/AC adapter	3.2 W (Standby) 5.5 W (Talking)

Bluetooth® specifications

Frequency band	2.402 – 2.480 GHz
Maximum power output	0.01 W

Connectivity

Network connection	Modular 8P8C (RJ45), Ethernet 10/100 Base T
USB connection	USB 2.0 Mini B.
Bluetooth	Bluetooth v4. Support for Bluetooth Low Energy Profiles, GAP and GATT, Class 1.
NFC	Support for simplified Bluetooth pairing and connection using NFC (near-field communications). NFC Forum Type 4 and ISO/IEC 14443 Type A support.
Power supply	IEEE 802.3af Power over Ethernet, Class III. Optional: AC adapter 100 – 240 V AC/12 V DC
Extra microphones	2 modular 4P4C (RJ11)
Auxiliary	Modular 4P4C (RJ11) for wireless headset

Network and communication

IP stack	IPv4
Network addressing	DHCP and static IP
NAT traversal	STUN, ICE and TURN
Connection protocol	SIP 2.0 (RFC 3261 and companion RFCs)
Transport	UDP, TCP, TLS and SIPS
Security	TLS v1.0, TLS v1.1, TLS v1.2
Quality of service	DiffServ, VLAN
Audio support	Codecs: G722, G711 A-law, G711 µ-law, G729ab
DTMF tone generation	RFC2833, SIP INFO, In-band
Time servers	NTP and SNTP
Daylight saving	Configurable for automatic adjustments.
Configuration	Via integrated web server

Configuration and provisioning

Configuration	Via integrated web server, HTTP or HTTPS Separate user and administrator login for secure configuration.
Device management	Support for device management for easy configuration and updating of multiple conference phones.

Directory

Internal phone book	1,000 entries per profile (4 password protected profiles) Export/import of directory Call list
External directory	Support for LDAP

Sound

Microphone	Omnidirectional, 360°
Reception area	Up to 30 m^2, >10 people
Speaker	Frequency band 200 – 7000 Hz
Volume	90 dB SPL 0.5 m
Equalizer	Three pitches: soft, neutral, bright

Environment

Temperature:	0 – 40 °C
Relative humidity:	20 – 80 % condensation free
Recommended acoustic conditions:	Reverberation period: 0.5 S Rt 60 Background noise: 45 dBA

*The Bluetooth® word mark is a registered trademark owned by Bluetooth SIG,Inc. and any use of such marks by Panasonic is under license.

Optional equipment

- AC adaptor (KX-A424)
- Expansion microphone ×2 pcs (KX-HDV801)

KX-HDV801

- The images shown of the base unit display and lamps are composite images.
- The actual product may vary slightly from photograph.
- Weights and dimensions are approximate.
- Design and Specifications are subject to change without notice.
- This product may be subject to export control regulations.
- Please contact your nearest Panasonic sales company to confirm the product availability.

Important
- Safety Precaution: carefully read the Important Information Leaflet/User Guide before using this product.

Panasonic®