

Panasonic

ideas for life

HD Visual
Communications System

KX-VC600

KX-VC300



- 1080i
Full HD
Video
- Full Duplex
Microphone
- Stable
Connection
- Easy
Operation

Take Your Meetings to the Next Level, with the HD Visual Communications System from Panasonic.

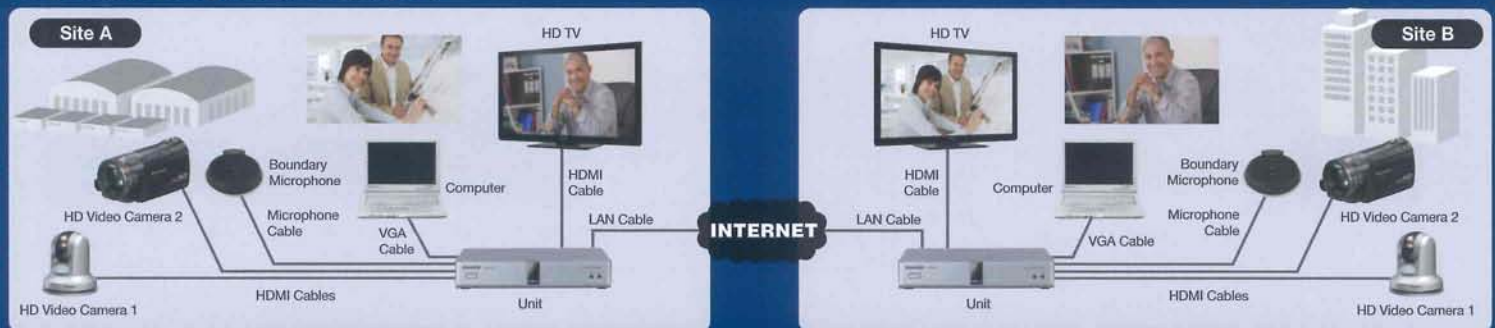
Collaborate in real time, in stunning HD!

With Full HD video and Full Duplex audio over a standard Internet connection, this compact, easy-to-use, interoperable system is changing the face of business meetings.



Jacks for mic and headphone cables are right on the front panel, for easy use in applications such as financial planner booths.

< System Configuration Example >



Required products, options, etc., vary depending on the system configuration.

KX-VC600

- 4-site
Connection
- Full HD
1080i
- Other-Brand
Device
Interoperability
- MCU
Interoperability
- Computer
Connection
- Sub-Camera
Connection
- Digital*
Microphone
- Analogue*
Microphone



KX-VC300

- 2-site
Connection
- HD
720p
- Other-Brand
Device
Interoperability
- MCU
Interoperability
- Computer
Connection
- Sub-Camera
Connection
- Analogue*
Microphone



*Sold separately

KX-VC600/KX-VC300 Features

High Image Quality

Panasonic's original high image quality technology achieves a dynamic level of realism that makes you feel like you're all in the same room.

High Sound Quality

Conversations are comfortable thanks to our Echo Canceller that prevents sound interruptions when people speak simultaneously.

Stable Connection

Image disruptions and sound interruptions are prevented even on the Internet thanks to original AV-QoS technology.

Computer Connection/Sub-Camera Connection

Effective communication is possible while showing the other party a PC screen or sub-camera image. You can also easily switch from one screen to the other with a single touch of the remote control.

Other-Brand Device/MCU Interoperability

Interoperability with other-brand devices and MCUs is a standard feature. This allows smooth expansion into existing videoconference systems, and multi-point communications using an MCU.

Please consult with your local dealer for details on connecting other-brand devices and MCUs.

<p>Included and Optional Accessories</p>	<p>Remote Control (Included)</p> 
<p>Digital Boundary Microphone KX-VCA001*</p> 	<p>Analogue Boundary Microphone KX-VCA002*</p> 
<p>Camera Security Adaptor KX-VCZ001*</p> 	<p>Activation Key Card for KX-VC300 KX-VCS301 for 4-site connectability* KX-VCS401 for Full HD compatibility*</p> 

*Sold separately

Video Camera

<p>HD Camcorder</p> 	<p>HD Integrated Camera AW-HE50H</p> 
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Display

Full-HD Plasma/LCD Display



HDMI cables are required for connection to the camera, TV, etc.

Specification

Main Unit (KX-VC600 / KX-VC300)	KX-VC600	KX-VC300
Communication protocol	SIP	
Communication rate (Min to max)	512 kbps to 9 Mbps	
	1 Mbps to 7 Mbps	
	1.5 Mbps to 7 Mbps	
Bandwidth (For different levels of resolution)	3 Mbps minimum*3 for 1080i*3 1.5 Mbps minimum*3 for 720p 512 kbps minimum*3 for 4SF	
Video codec	ITU-T H.264 high profile level 4.0 (B picture is not supported), ITU-T H.264 baseline profile level 3.1 (For connections to MCUs and non-Panasonic video conference systems)	
Video input	HDMI 1 (main video camera) HDMI 2 (sub video camera) VGA 15P mini D-Sub (RGB IN)	
Video output	HDMI (display) Component (video output)	
Audio codec	MPEG-4 AAC-LD (LPCM format), G.722 (For connections to MCUs and non-Panasonic video conference systems)	
Audio input	Digital boundary microphone Analogue boundary microphone Stereo mini-plug (audio input) RCA pin jack (audio input)	
Audio output	(HDMI) Stereo mini-plug (audio output) RCA pin jack (audio output)	
Maximum conference points	4**	
Alternative video sources	PC (VGA terminal), sub video camera (sub HDMI video only)	
Encryption method	AES-CM/unique	
Network	RJ45(LAN)	
Control (serial)	RS-232C	
Dimensions (W x H x D)	Approx. 320 mm x 60 mm x 230 mm	
Weight	Approx. 2 kg	
Voltage and frequency	AC 100-240 V, 50/60 Hz	
Power consumption	Maximum: approx. 39 W	
Operating temperature	0 °C to 40 °C	
Operating humidity	10 % to 90 % (non-condensing)	
Boundary Microphone (sold separately)	KX-VCA001	KX-VCA002
Standard pickup range	Approx. 2 m (radius), 360°	Approx. 1.5 m (radius), 300°
Maximum pickup range	Approx. 3 m (radius), 360°	Approx. 2 m (radius), 300°
Pickup method	Stereo (automatic left/right channel setting, with 1 unit connected) Monaural (with 2 to 4 units connected)*5	Stereo (fixed stereo sound pick-up)
Microphone unit	Unidirectional ECM microphone parts x 4	Unidirectional ECM microphone parts x 2
Number of connections	Maximum 4 microphones	Maximum 1 microphone
Maximum input sound pressure	110 dBspl	
Number of terminals for microphone connection	2	1
Mute button	Spring-return Push Switch	
LED	Red: The microphone is muted. Green: The microphone is transmitting. Orange: The microphone is starting up (flashes for approx. 1 second). Off: The microphone is not transmitting.	
Dimensions	Approx. 120 mm (diameter) x 25 mm	Approx. 75 mm (diameter) x 32 mm
Cable length	Approx. 8.5 m	Approx. 7 m
Power input	Supplied from main unit via proprietary cable	
Weight	Approx. 280 g	Approx. 80 g
Operating temperature	0 °C to 40 °C	
Operating humidity	10 % to 90 % (non-condensing)	

*1 The KX-VC300 also allows connection of 3 or 4 locations when it is on the receiving end of a call.

The optional Activation Key Card lets you expand the KX-VC300's maximum conference points to up to 4 locations.

*2 This value is for reference purposes only. The actual value may vary depending on the image and communication conditions.

*3 The optional Activation Key Card lets you upgrade the maximum resolution of the KX-VC300 system to 1080i.

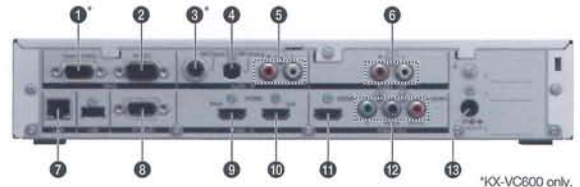
*4 Some restrictions apply when 3 or 4 locations are connected. For details, please consult with your local dealer.

When connecting to non-Panasonic video conference systems, connection is limited to 2 locations.

*5 Stereo sound can also be picked up from 2 to 4 units by changing the user setting.

■ Rear Panel View

- 1 Camera Control terminal* (Nonusable)
- 2 RS-232C terminal
- 3 MIC jack (Digital)*
- 4 MIC jack (Analogue)
- 5 Audio In L/R jack
- 6 Audio Out L/R jack
- 7 LAN jack
- 8 RGB terminal
- 9 Main Camera terminal
- 10 Sub Camera terminal
- 11 HDMI terminal
- 12 Component terminal
- 13 DC IN



*KX-VC600 only.

- Weights and dimensions are approximate.
- Specifications are subject to change without notice.

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