



- 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.

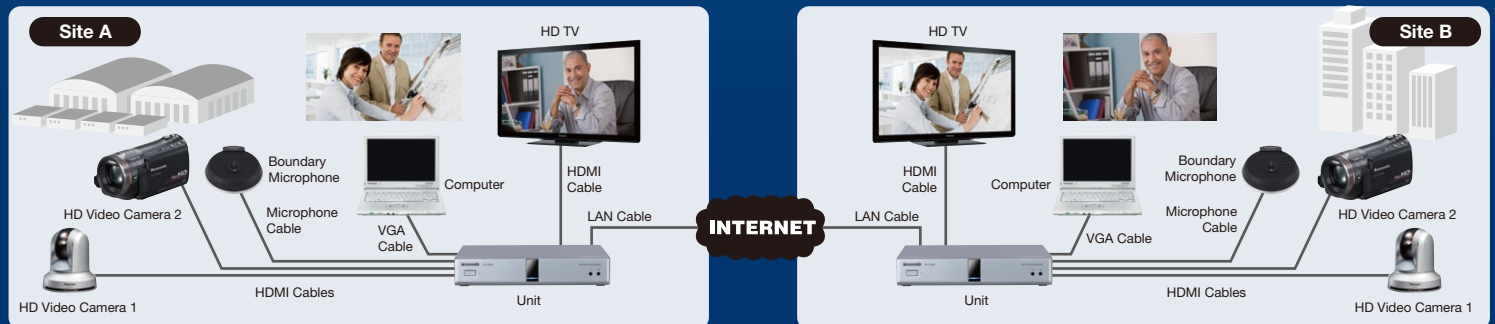
### Collaborate in real time, in stunning HD!

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.

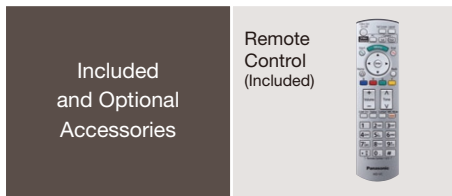
### Computer Connection/Sub-Camera Connection

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.



\*Sold separately

### Video Camera



### 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)                | IP communication with 2 locations connected   |          |
|  | 512 kbps to 9 Mbps  |          |
|  | 1 Mbps to 7 Mbps  |          |
| Bandwidth (For different levels of resolution) | IP communication with 3 locations connected**   |          |
|  | 1.5 Mbps to 7 Mbps  |          |
|  | IP communication with 4 locations connected**   |          |
| Video codec                                    | 3 Mbps minimum**2 for 1080i*3   |          |
|  | 1.5 Mbps minimum**2 for 720p  |          |
|  | 512 kbps minimum**2 for 4SIF  |          |
| Video input                                    | 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)         |          |
|  | Input resolution: 1080i (image only)  |          |
| Video output                                   | Input resolution: 1080i (image only)  |          |
|  | Available devices: Video camera (Blu-ray Disc/DVD players cannot be connected)                                      |          |
|  | Input resolution: XGA, SVGA, VGA  |          |
| Audio codec                                    | Resolution: 1080i   |          |
|  | Resolution: 1080i   |          |
| Audio input                                    | MPEG-4 AAC-LD (LATM format), G.722 (For connections to MCUs and non-Panasonic video conference systems)             |          |
|  | Digital boundary microphone   |          |
|  | KX-VCA001 (Up to 4 microphones)   |          |
| Audio output                                   | KX-VCA002 (1 microphone only)   |          |
|  | Diameter 3.5 mm Available devices: headset  |          |
|  | Input is the headset microphone level. HDMI/RCA output is inactive when the headphone connector is used.            |          |
| Maximum conference points                      | Maximum line level input: 1.2 Vrms Available devices: stand microphone (via microphone amplifier), audio mixer etc. |          |
|  | Echo canceller enabled  |          |
|  | Both enabled when using a Boundary Microphone and RCA microphone together.  |          |
| Alternative video sources                      | For connecting to a display (with speaker)  |          |
|  | Diameter 3.5 mm Available devices: headset  |          |
|  | Output is the headphone. Either the RCA terminal or the headphone connector is active, but not both.                |          |
| Encryption method                              | For connecting to a display (with speaker), amplifier or active speaker   |          |
|  | 4 **  |          |
|  | 2 **1   |          |
| Network  | PC (VGA terminal), sub video camera (sub HDMI video only)   |          |
|  | Full duplex 100BASE-TX only   |          |
|  | AES-CM/unique   |          |
| Control (serial)                               | Full duplex 100BASE-TX only   |          |
|  | For connecting to a computer for maintenance (use a straight cable) D-Sub 9 pin (male)                              |          |
|  | Approx. 320 mm x 60 mm x 230 mm   |          |
| Voltage and frequency                          | Approx. 2 kg  |          |
|  | AC 100-240 V, 50/60 Hz  |          |
|  | Maximum: approx. 39 W   |          |
| Operating temperature                          | Maximum: approx. 23 W   |          |
|  | 0 °C to 40 °C   |          |
|  | 10 % to 90 % (non-condensing)   |          |
| Boundary Microphone (sold separately)          | KX-VCA001   |          |
|  | KX-VCA002   |          |
|  | Approx. 2 m (radius), 360°  |          |
| Pickup method                                  | Approx. 1.5 m (radius), 300°  |          |
|  | Approx. 3 m (radius), 360°  |          |
|  | Approx. 2 m (radius), 300°  |          |
| Microphone unit                                | Stereo (automatic left/right channel setting, with 1 unit connected)  |          |
|  | Stereo (fixed stereo sound pick-up)   |          |
|  | Monaural (with 2 to 4 units connected)**5   |          |
| Number of connections                          | Unidirectional ECM microphone parts x 4   |          |
|  | Unidirectional ECM microphone parts x 2   |          |
|  | Maximum 4 microphones   |          |
| Maximum input sound pressure                   | Maximum 1 microphone  |          |
|  | 110 dBspl   |          |
|  | 2   |          |
| Mute button                                    | Spring-return Push Switch   |          |
|  | 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  |          |
|  | Approx. 8.5 m   |          |
| Cable length                                   | Approx. 7 m   |          |
|  | Supplied from main unit via proprietary cable   |          |
|  | Approx. 280 g   |          |
| Weight   | Approx. 80 g  |          |
|  | 0 °C to 40 °C   |          |
|  | 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.

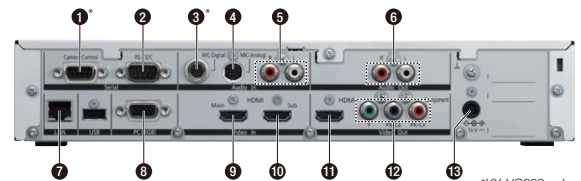
\*4 Some restrictions apply when 3 or 4 locations are connected. For details, please consult with your local dealer.

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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