

Contact 6000

High-end, multimedia videoconferencing system

CHANGING



THE WAY



BUSINESS



COMMUNICATES

**EVER WISH VIDEOCONFERENCING COULD BE
THE SAME AS BEING THERE IN PERSON? IT IS.**

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SONY

MAKE YOUR TIME COUNT WITH THE SONY CONTACT 6000

The meeting's been called. Your five colleagues from around the world have arrived. Time is short, and straight answers are needed.



Armed with the most accurate spreadsheet available, you distribute copies and start the meeting. Digital photos taken that morning provide razor sharp visual answers. The PowerPoint presentation spells out the options. Your point is made. After seeing the proof with their own eyes, decisions are made, actions agreed. Even though your colleagues are still located in five different countries, they depart in full agreement.

Time for the next meeting with the latest high-end, multimedia video-conference system from Sony, the Contact 6000.

In view and face-to-face

Contact 6000 is unique. Now, participants from up to six separate locations can meet in a single videoconference at a moment's notice - without having to plan and reserve an external bridge connection. The innovative high quality 5+1 display allows every participant to be seen. Voice activation enlarges the view of the current speaker for close-up consultation. Meetings take place naturally and face-to-face.

Share your message

What makes the Sony Contact 6000 really special for the participants is its performance once the meeting starts. When a point has to be made, Contact 6000 lets you share your digital pictures, PowerPoint slides, Word document, or Excel spreadsheet. It's all very simple. Just select the document and hit the 'share' button for it to be instantly visible to the other Contact 6000 or T.120-compliant systems.

Make your point, visually

Contact 6000 also brings to the meeting a new and powerful visual capability. The 'Graphics with Annotation' feature allows a digital image to be instantly frozen and then annotated with written comments or hand-drawn amendments. A press of a button saves the sharp still image for reference or future editing. In addition, a plasma screen or PC monitor can be connected when displaying very high-resolution graphics - the TwinView functionality makes it easy to show both graphical information and live video simultaneously.

You'll also find the MemoryStick™ slot is perhaps the easiest way yet to exchange or save images - whether from digital cameras, PCs, PDAs or any other MemoryStick™ enabled device.



The excellent video and audio quality gives you the most natural feel yet of face-to-face conversation. In fact, it is the next best thing to having a meeting in person!

PrimeSupport

To maximise your return on investment

Sony offers a comprehensive after-sales support service to ensure that your videoconference systems run at optimum efficiency at all times. Contracts are modular and you can choose from multi-language telephone help desk support, on-line diagnostics, 24 hr on-site maintenance, and in the rare case of system failure, replace & repair. It all adds up to peace of mind and maximum return on investment.

Keep all your options open

When you choose Contact 6000 you keep all your options open. You can integrate Contact 6000 into almost any communications network you like, and it's fully compatible with videoconference systems and equipment from other vendors. Also, you can start with a basic set-up, and add additional features later - when your needs change, so can your videoconference functionality. In addition, Contact 6000 won't demand extra time and effort from your IT manager. With our Smart Management Solutions software, all your videoconferencing resources and activities can be managed from a single location. But don't just take our word for it, check out the technical specifications and see just why the Sony Contact 6000 keeps all your options open.

Key Benefits

Six locations brought together in a moment

As the first embedded multipoint system, you can bring up to six locations to a meeting - all with continuous on screen presence.

Future proof openness

Enjoy seamless performance today and expand when extra bandwidth becomes available.

Centralised network control

Sony Smart Management Solutions software schedules meetings, manages resources and controls each system from a single location.

Unique audio conferencing

Enabling colleagues with audio-only to join meetings.

Complete compatibility

Meet with customers and suppliers using systems and peripheral equipment from other vendors.

Additional resolution

Add a plasma screen or a PC monitor (XGA) when the highest graphical image quality is required.

File sharing

Freeze, annotate and save images, exchange files between systems (T.120 compliant).

MemoryStick™ convenience

Share images from digital cameras, PCs and other devices using the MemoryStick™ slot.

Contact 6000 Specifications

Video

Operating bandwidth	1 x 4 BRI up to 3 x 4 BRI (1920 Kbps) (optional) PRI (1920 Kbps) (optional)
V.35 option	64 Kbps – 1920 Kbps
RS-449 option	64 Kbps – 1920 Kbps
H.323/LAN	64 Kbps – 1920 Kbps
Coding	H.261 / H.263 / H.263+
Picture Elements	H.261 / H.263 CIF: 352 pixels x 288 lines QCIF: 176 pixels x 144 lines
Frame Rate	H.261 / H.263 15 frames/s or 30 frames/s
Video Inputs	Camera x 1 Object x 1 (S-video) AUX1 x 1(S-video) AUX2 x 1 (Composite)
Video Outputs	Monitor Out x 2 (S-video) AUX x 1 (Composite) RGB x 1

Audio

Bandwidth and Coding	G.711: 3.4 KHz at 56 / 64 Kbps G.722: 7.0 KHz at 48 / 56 / 64 Kbps G.728: 3.4 KHz at 16 Kbps G.723.1: 3.4 KHz at 5.3 / 6.3 Kbps (optional)
Echo Cancellation	Reduction rate: 20 dB Bandwidth: 7 KHz Noise Suppressor included
Expandability	Up to 3 x PCS-A300 Microphone (optional: 1 x PCS-A300 is included as standard)
Audio Inputs	PCS-A300 (Microphone) x 3 via Desktop Terminal PCS-A300 (Microphone) x 2 AUX x 1 Line In x 1
Audio Outputs	Monitor R x 1 Monitor L x 1 AUX x 1

Picture in Picture

Sub Screen Size	1/9 (One of four corners)
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Transmission

Multiplexing	Video, Audio, Data
Frame Format	H.221 / BONDING, H.225 (LAN, optional)
Interface	LAN x 1 (10 Base-T / 100 Base-TX) (standard) Up to 3 x 4 BRI (optional) PRI (optional) Single V.35 with RS-366 (optional) Dual V.35 (optional) RS-449 (optional)

Control Port

Auxiliary control	RS-232C (via LAN port)
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Camera

Camera	1/3" CCD up to 6 Pre-set positions (Pan/Tilt/Zoom)
Picture Elements	PAL: 752 pixels x 582 lines
Focal Length	5.4 - 64.8 mm (F=1.8 - 2.7)
Focus	Auto / Manual (far, near)
Zoom Ratio	x12
Pan Control	±100°, Motor-driven (right/left)
Tilt Control	±25°, Motor-driven (up/down)
S/N Ratio	45 dB
Other functions	Auto tracking / Auto zoom / Auto focus / Manual focus (far/near) / Back Light Shooting

Dimensions and weight

PCS-6000/P	W x	H x	D (mm)	Weight (kg)
PCS-P600/P	430	142	403	12.0
PCS-C160/P	142	108	159	1.2
PCS-TM600	140	33	126	0.3
PCS-A300	68	15	90	0.2
PCS-R160	50	34	190	0.15

Power Requirement and Consumption

Requirement	AC 220 V to 240 V, 50/60 Hz
Consumption	AC 220 V to 240 V, 0.45 A

Supplied items

CCD Colour Video Camera (PAL) x 1
Desktop Terminal x 1
Microphone x 1
Remote Commander (PCS-R160) x 1
CD-ROM for recovery x 1
Memory Stick (16MB) x 1
IR Repeater x 2
Camera Connection Cable 3.0m x 1
Desktop Terminal Cable 7.0m x 1
Power Cord 2.5m x 1
Velcro (long) x 3
Alkaline Manganese Battery (for Remote Commander) x 2
Operation Manual (English x 1 / French x 1 / German x 1)
Supplied accessories for options: Extended Cable (7m) x 1

PrimeSupport

Included
1 year PrimeVox telephone hotline support in 5 languages (English, French, German, Spanish and Italian)
Optional
3 year PrimeSupport including installation
1 year PrimeSupport
Installation

Optional accessories

PCS-DS150	Document Station, object camera with built-in PC image converter and infrared link
PCS-A300	Microphone
PCS-E600	Extension Hub
PCS-I600	BRI Board (4 BRI)
PCS-I601	PRI Board
PCS-I602	V.35 Board (Single V.35)
PCS-I603	RS-449 Board
PCS-UC601	Upgrade Kit for H.323 (CD-ROM)
PCS-K32	V.35 Cable
PCS-K40	RS-449 Cable
PCS-F600	Specially designed cabinet for 34" TV
KV34FQ75	34" High quality TV monitor
PFM-42B1	Plasma screen
PSC-PL42	Plasma touch screen
PCS-PPFM	Plasma stand
PCS-R152	Simple pre-set remote control
PCS-CONTACTLENS	Wide angle lens
M5A-8A/16A/32A/64A	MemoryStick™ (8, 16, 32, 64 MB.)

Sony address/contact details/dealer stamp

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