

Sony Contact 1600
Set-top videoconferencing system

No misunderstandings

Let them see what you mean



this is not a rehearsal.

www.sonyvideoconference.com

SONY



No time to lose

At every level of your organisation, people must interact and work closely as a team. Exchanging knowledge and ideas, wherever they are, without misunderstandings or error. Now there's a powerful new strategy to enable your people to interact more freely, more dynamically – without wasting a second in travel. Introducing the new Sony Contact 1600 set-top videoconferencing system, destined to give your organisation a truly competitive edge.

Bring 4 places together

Need to consult colleagues in London, New York and Tokyo? No problem, with the Sony Contact 1600 you can bring together four different places in one convenient videoconference. In an instant you can be sharing knowledge, making decisions, and getting results. Any time of the day. Or night.

The result? Increased efficiency and increased productivity throughout your entire organisation.

Multimedia muscle

Inject multimedia life into your meetings. Save ideas, presentations, diagrams and pictures on the innovative Sony Memory Stick™ and then show them in your videoconference. You can also save pictures, documents and diagrams from the meeting itself, and then edit them on a PC. This super-fast, easy document sharing helps ensure every videoconference is 100% productive. Also, to help ensure that all graphics are clearly understood by everyone the Contact 1600 graphics facilities allow you to easily comment on images on-screen.

Reduce costs – add value

The Sony Contact 1600 will generate substantial time and money savings by virtually eliminating travel and accommodation costs. And, any company from small to large can take advantage – thanks to the highly affordable price. What's more, it will add value to your existing infrastructure since it runs on a variety of digital networks including ISDN lines, company LANs/WANs, and Private Networks. Overnight you have an essential visual communications networking tool. With no hassle, headaches or techno-frustration. Just plug&play ease-of-use.

The complete videoconference system that's smaller than an A4 format.

All you need is an ISDN or network connection and an ordinary TV set. It is that simple.

Be where it matters
Interact with colleagues instantly. Whether they are 10 minutes away by foot or 10 hours by plane, with the Sony Contact 1600 you can set up a face-to-face meeting in just a few seconds.

The natural meeting experience

Using Sony Contact 1600 is the next best thing to actually being there. As you would expect from Sony, the Contact 1600 gives you excellent video quality (up to 384 Kb/s on ISDN and up to 1024 Kb/s on a LAN) and superb audio, thanks to the latest echo-cancellation technology and integrated near- and far-sensitive microphone. All adding to your natural meeting experience.

Everyone can take part in person

If anyone in your meeting is not video-conference-enabled, the Sony Contact 1600 can easily be linked to a telephone - mobile or landline. Allowing them to take part in your point-to-point or multi-point conferences.



Other key benefits

Clarity in communications

With the optional Document Station, you can let people see what you mean. Remember, a picture paints a thousand words, just drawing an idea out on paper is often the fastest way to express ideas. In addition, you can plug in your PC and show them pictures and files.

Environment-friendly

Videoconferencing reduces fuel consumption and emissions associated with travel, and the Contact 1600's ISO 14001 approval tells you that it was also manufactured with responsible care.

Low cost of ownership

Operational costs are minimised thanks to Sony Smart Management Solutions which, for example, provide centralised scheduling done from any PC in your company LAN or WAN so you just walk into your meeting room and start talking. Also, centralised management ensures the systems can be monitored and set up to run optimally at all times, so that every videoconference is highly efficient.

Very easy to use

Colour-coded cabling means your Sony Contact 1600 can be set up in less than 5 minutes. Intuitive icon-driven menus controlled via a handheld, remote commander give fast, easy operation and full remote control of every advanced feature. Dial-up, sound, picture - everything. Leaving you to appreciate the stunning sound and picture quality that is unmistakably Sony.

Specifications

Video

Standards supported:	ITU-T H.320, H.323
Standard:	56/64 - 128 Kb/s
With 384 Kb/s option:	56/64 - 384 Kb/s (PCS-I160)
V.35 option:	Up to 384 Kb/s (PCS-I161)
H.323/LAN:	56 - 1024 Kb/s (PCS-UC161)
Multipoint:	56/64 - 128 Kb/s each site, up to 4 (PCS-I160 + PCS-UC160)
Coding:	H.261/H.263+
Picture Elements:	CIF: 352 pixels x 288 lines QCIF: 176 pixels x 144 lines
Frame Rate:	384 Kb/s: max. 30 frames/s 128 Kb/s: max. 15 frames/s
Video inputs:	Camera x 1 (Main camera) Object x 1 (for Document Station PCS-DS150) Aux1 x 1 (S-video) Aux2 x 1 (composite)
Video outputs:	Monitor out x 2 (S-video/composite) 2 nd monitor out x 1 (S-video)

Audio

Bandwidth and coding:	G.711: 3.4 kHz at 56/64 Kb/s G.722: 7.0 kHz at 48/64 Kb/s G.728: 3.4 kHz at 16 Kb/s G.723.1: 3.4 kHz at 6.4 Kb/s (H.323)
Echo cancellation:	Reduction rate: 20 dB Bandwidth: 7kHz Noise suppressor included
Audio inputs:	Gun microphone x 1 (standard) External microphone x 2 (optional PCS-A300) Line In x 1 (RCA connector)
Audio outputs:	Line out x 1 (RCA connector) for Monitor speaker Line out (Mixed) x 1 (RCA connector) for VCR

Camera

Camera:	1/3" CCD
Picture elements:	752 x 582 lines
Resolution:	More than 420 TV lines
Presets:	6 positions
Focal length:	5.4 ~64.8 mm
Zoom:	12X
Pan:	+/-100°
Tilt:	+/-25°
Functions:	Zoom, focus, pan, tilt, auto tracking, auto-zooming, and back light control

Graphical Video

Compression:	H.261 Annex D (4CIF) H.263+ (ITU-T standards)
Resolution:	PAL 704 x 576 lines

Picture in Picture

Sub Screen Size:	1/9 (one of four corners)
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Multipoint capability

- Maximum 4 sites
- Maximum 128 Kb/s per site
- Standards based (H.320 compliant)
- Audio conferencing support
- Connect / disconnect per site possible
- Requires 384 Kb/s upgrade (PCS-I160)

Document Station

Document camera:	18x zoom function.
Resolution:	470 TV lines
Maximum capture size:	A4
Scan converter resolution:	VGA/ SVGA/ XGA
Input:	RGB
Infrared link:	Maximum distance 5m.

Transmission

Multiplexing:	Video, audio, data
Frame format:	H.221 and Bonding (ISDN), H.225 (LAN)
Interface:	ISDN BRI x 1 10/100BaseT auto-switching (standard) ISDN BRI x 3 (optional) V.35 with RS-366 (optional)

Data conferencing

T.120 compliant:	max. 62.4 Kb/s via LAN port
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Control port

Auxiliary control	via RS-232C port
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Audio conferencing

Sony Contact 1600 can also connect with conventional telephones (POTS)

Dimensions & weight

Contact 1600	(W x H x D)
Codec incl. camera:	258 x 134 x 208 mm
Weight	2.5 kg
Remote control:	50 x 34 x 190 mm
Weight:	0.15 kg

General

Power supply:	DC 12V External
Current consumption:	2.5A

PrimeSupport

- 1 year PrimeVox telephone hotline support in 5 languages (English, French, German, Spanish and Italian) included
- Optional:
 - 3 years PrimeSupport swap out program. Here, a defective unit will be replaced by a functional system the next working day
 - 3 years PrimeSupport on-site service

Options

- Document Station (PCS-DS150), object camera with built-in PC image converter and infrared link
- 384 Kb/s upgrade board (PCS-I160)
- V.35 interface board (PCS-I161)
- H.320 multipoint upgrade (PCS-UC160), requires PCS-I160 upgrade board
- H.323 software upgrade (PCS-UC161)
- External microphone (PCS-A300)
- Specially designed cabinet (PCS-F160)
- Simple preset remote control (PCS-R152)
- Wide angle lens (PCS-CONTACTLENS)
- Travel case (PCS-CASE1500)
- Travel bag (TRAVEL BAG)
- Memory Stick™ (8, 16, 32, 64 MB)

Today's advantage

Yours for the asking

More businesses every day are taking advantage of the multiple benefits of Sony videoconferencing. And with the time and money saved, it's no wonder that these businesses are growing ever more successful. Isn't it time you took a closer look at Sony videoconferencing?

Don't miss out. Ask your local Sony dealer for a demonstration today.

More info?

www.sonyvideoconference.com

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