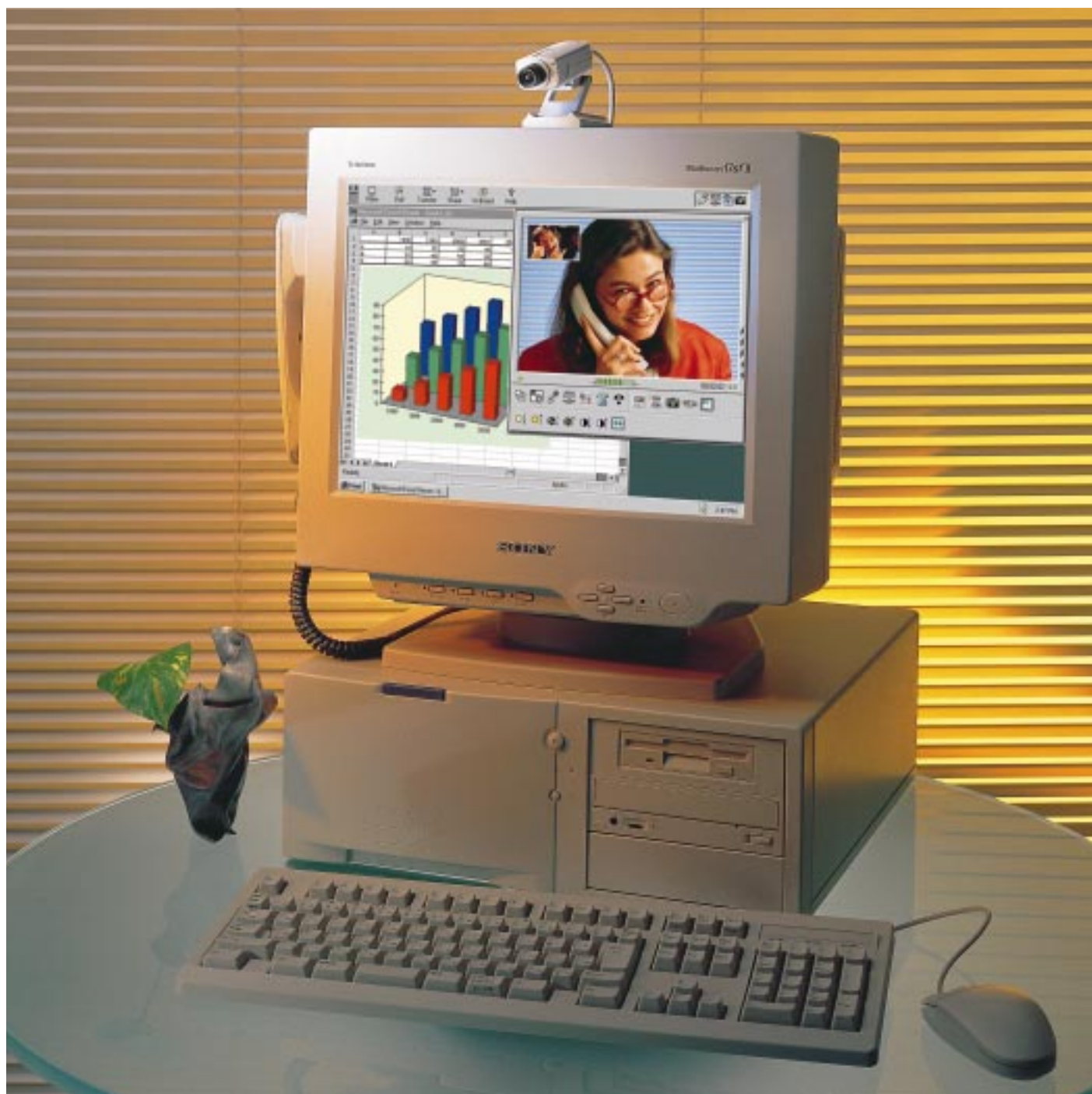


SONY®

PC Conference Kit

PCB-500/500P



The new Sony PCB-500/500P is an affordable yet productive PC video conferencing kit with performance benefits such as high picture and sound quality and excellent data handling capabilities. You can use this system with a wide range of application software and, for more effective, smoother communication, can use its white-board sharing and file transfer capabilities. All operations can be performed very easily, even by novice

users, with the help of comprehensive menu icons. The PCB-500/500P complies with ITU-T protocols which means you can easily interact with virtually all standard-based videoconferencing systems around the globe. Once you start using a Sony PCB-500/500P, you will realize for yourself superb productivity gains. Face-to-face communication with Sony video conferencing technology is clearer, faster and more-cost effective than ever before.

Features

Superb Picture and Sound Performance

- ◆ Employs high quality video camera with excellent picture quality and 60° viewing angle.
- ◆ Video quality adjustable so you can fine-tune picture performance.
- ◆ Scaleable video window lets you adjust the size of the images on your PC screen. You can even choose to see a full-screen video conference.
- ◆ Includes picture-in-picture and picture-out-picture functions for viewing documents and graphics while video conferencing.

Versatile Audio Performance

- ◆ Hands-free operation via the camera unit's built-in microphone.
- ◆ A handset is supplied for telephone-style videoconferencing conversations with greater privacy.
- ◆ PC phone function
- ◆ Lip sync functions and echo canceller make video conferencing conversations as natural as face-to-face encounters.

Easy Simple Installation and Operation

- ◆ Plug-and-play capabilities simplify easy installation.
- ◆ A simple yet comprehensive icon menu makes operation easy and intuitive.

- ◆ Telephone directory function allows one-touch dialling connection to pre-registered addresses. There is no limit to the numbers that can be registered.

Excellent Interchangeability

- ◆ Complies with the full range of standards specified in ITU-T H.320 guidelines for interaction with any other H. 320-compliant communication terminal.
- ◆ Complies with H. 323 standards for communication via LAN.
- ◆ Supports H. 281 Far End Camera Control standard enabling PCB-500/500P to control the camera of any vendor's products*.
(*Products supporting H. 281)

Excellent Data Handling Capabilities

- ◆ Supports T.120.
- ◆ Application software sharing on either PC.
- ◆ File transfer capability allows computer documents to be transmitted between video conferencing sites.
- ◆ Interactive white-board capability enables graphics and text to be worked on simultaneously by video conferencing participants.
- ◆ Supports NetMeeting™.
- ◆ Internet Access capable*.
* Will be available soon.

PC System Requirements

- Platform: IBM® PC or equivalent PCI bus and PCI VGA card that supports Direct Draw with minimum 2 Mbytes of memory.
- CPU: Pentium® 133 MHz for H. 320 ISDN
Pentium 200 MHz for H. 323 LAN
- OS: Windows® 95, Windows 98, Windows NT®
- Memory: 32 Mbytes or more required.
- Hard disk: 30 Mbytes or more required.
- Monitor: SVGA monitor required.



Telephone directory function



Specifications

Transmission

Transfer rate: ISDN 56 k ~ 128 kbps
(Max. 384 kbps using optional Promptus board*)
LAN up to 768 kbps (requires LAN board)
* Will be available soon.

Video

Compression: ITU-T standard H. 261 compatible
Transmitted resolution: FCIF: 352 x 288 pixels up to 15 frames/sec.
QCIF: 176 x 144 pixels up to 30 frames/sec.
Video input: Camera-1/Camera-2 inputs switchable via software
NTSC/PAL auto detection
SVGA resolution: All SVGA resolutions with 32 k or 64 k colours
Software-controlled features: Contrast, hue, brightness and color control Video quality adjustment
Scaleable screen size (fixed aspect ratio 4:3)

Audio

Compression: ITU-T standard: G.722 7 kHz at 64 kbps
G.711 3.4 kHz at 56 kbps
G.728 3.4 kHz at 16 kbps
Audio input: Telephone handset supplied; built-in microphone in camera unit
Audio output: Line-level output
Sound Blaster card with multimedia speakers
Software-controlled features: Volume control and mute
Echo canceller

Camera

Image sensor: 1/4 inch CCD
Pixels: 270 k pixels (effective: 250 k)
Lens: f = 3.9 mm/F1.8
White balance: Auto
Min. illumination: 9 lx.
Video/Audio out: 8 pin mini DIN, 1.0Vp-p composite
Power requirement: DC 5 V, 1.3 W

General

Operating temperature: 0°C ~ 40°C
Operating humidity: 20 % ~ 80 % (based on room temperature of 25°C)
Preserving temperature: -25°C ~ 80°C
Preserving humidity: 10 % ~ 80 % (without condensation)
Power requirement: DC 5 V
Power consumption: 0.6 A
Dimensions:

PC Conference Board:
126 (W) x 22 (H) x 176 (D) mm
(5 x 7/8 x 7 inches)

Camera unit:
48.6 (W) x 34.9 (H) x 90 (D) mm
(1 15/16 x 1 3/8 x 3 5/8 inches)

Handset:
45 (W) x 43 (H) x 205 (D) mm
(1 13/16 x 1 3/4 x 8 1/8 inches)

Mass: PC Conference Board: 160 g (5.6 oz)
Camera unit: 110 g (3 oz)
Handset: 120 g (4.2 oz)

PCB-500/500P kit: PC Conference Board
Camera unit (PAL or NTSC)
Handset

Supplied accessories: PC Conference Software
ISDN cable (1.8 m x1)
Cable for handset
Operating instructions
Camera cable
Camera stand
Warranty card (NTSC only)
Installation manual

* Copyright 1998 Sony Corporation. All rights reserved. Reproduction in whole or in part without written Sony permission is prohibited.

* Sony is a registered trademark of Sony Corporation.

* IBM is a trademark of IBM Corporation.

* Pentium is a registered trademark of Intel Corporation.

* Windows, Windows NT and NetMeeting trademarks of Microsoft Corporation.

* All TV monitor pictures are simulated.

* Features and specifications subject to change without notice.