

SECTION 8 VIDEOCONFERENCING SYSTEM

- 1. Videoconferencing system
 - PCS-5100282
 - PCS-1500284
 - PCB-500285
- 2. Videoconferencing system accessories286

1 Videoconferencing system

PCS-5100

TriniCom 5100 Plus Rollabout package

•Designed for middle to small group meeting (2 to 6 persons per location) •Complies with the ITU-T H.261/H.263 standard for Video Coding, and the G.722/711/728 for Audio Coding •Either ISDN BRI, a switched line, or a dedicated digital network (for 56 to 384kbps) can be used for communication interface •Enhanced video quality •Smooth motion video achieved by the frame rate of 30fps •4-site multipoint capability for holding videoconferences involving up to four locations •Drop call capability enables the participants to leave the meeting at any time •Wireless remote commander and on-screen menu icons assure easy operation •High-resolution 1/3-inch CCD camera provides excellent picture reproduction •Auto-tracking camera with pan/tilt/zoom capability to detect motion and follow an individual speaker •Supports H.281 Far End Camera Control standard enabling control of the camera of any vendor's CODEC (CODEC supporting H.281) •Rollabout processor combines an ITU-T standard video/audio CODEC, system controller, communication network interface and echo canceller all into one unit •Supports the industry standard PCMCIA Type 2 ATA Card format allowing transfer of JPEG images between the PCS-5100 and the PC •A second monitor can be added to display documents and graphics with the optional PCS-G510 Dual Monitor Board •High-resolution monochrome documents and full-colour still video pictures can be transmitted and displayed •With Automatic 4 x CIF Image Transmissions the presenter is able to concentrate on their presentation as this enables 4 x CIF images to be sent every few seconds until the presenter stops the transmission (When connected at 384 kbps) •The optional PCS-T500 Drawing Tablet for pointing or drawing on a document or still video •Automatic Lip Sync on/off function •Automatic/manual dialing function

Basic system configuration

•PCS-5100 Rollabout Package - Camera unit, Rollabout processor, External Microphone kit, Remote commander

| | |
|-----------------------|---|
| Supplied accessories: | S-video cable (1 m) Microphone (3 m) Microphone (8 m × 2) Audio connecting cable (1 m) Connecting cable (1 m) Camera unit cable (2 m) IR repeater AC power cord (for Rollabout processor, 2.5 m) Operation manual |
| Optional accessories: | PCS-F500 Cabinet (for 29 inch monitor) PCS-F510 Cabinet (for 34 inch monitor) PCS-G510 Dual monitor board PCS-R500 Remote commander (For additional purchase) PCS-R510 Key commander PCS-T500 Drawing tablet PCS-I500 V.35 Board PCS-I510 X.21 Board PCS-I520 RS-449 Board PCS-MC10 Memory card PCS-K21 Printer cable PCS-K32 V.35 Cable PCS-K40 RS-449 Cable PCS-K60 S-video Cable PCS-K70 X.21 Cable PCS-DS150 Document stand VID-P110 Video presentation stand VID-P50 Video presentation stand |

Specifications

Communication Protocols

H. 221 (Framing and Signaling Structure)
H. 230 (Control and Indication Signals)
H. 242 (System for Establishing Communication)
H. 243 (The Basic MCU Procedure for Communication)
H. 320 (Overall System)
H. 281 (Far-end Camera Control)
ISO 13871 BONDING, Mode 1

Motion Video

Operating bandwidth: 56 kbps (64 kbps) to 384 kbps in 56 k or 64 kbps increments
Coding: H. 261 (ITU-T Standard)
H. 263 (ITU-T Standard)
(56 to 128 kbps with H. 263)
Picture elements: CIF 352 pixel 288 lines
QCIF 176 pixel 144 lines
Video signal system NTSC
(As complied with H. 261/H. 263 standard, PCS-5100 can communicate directly with PCS-5100P (PAL system) and vice versa.)

Audio

Bandwidth and coding: G.722 7.0 kHz at 48 k or 56 kbps
G.711 3.4 kHz at 56 k or 64 kbps
G.728 3.4 kHz at 16 kbps
Cable length: 8 m (From Rollabout Processor to External Microphone Kit)

Camera

Camera: 1/3" CCD
Preset: up to 6 position (Pan/Tilt/Zoom)
Picture elements: 768 pixels × 494 lines
Focal length: 5.4~64.8 mm
Focus: Auto/Manual switchable
Iris: Auto
Zoom ratio: 12 ×
Output signal: S-Video (1), Composite (1)
Pan control: ±100°, Motor-driven
Tilt control: ±25°, Motor-driven
Resolution: More than 460 TV lines
S/N ratio: 45 dB
Far-end control: Zoom Tele/Wide
Focus: Auto/Manual (far, near)
Pan: Right/Left
Tilt: Up/Down
Others: Auto Tracking, Auto Zooming
Back Light Shooting, Brightness Control

Graphics

Resolution: 704 pixels × 480 lines
Input signal: S-Video (2), Composite (1) With PCS-G510, RGB(1) is added.
Compression method: JPEG (Joint Photograph Expert Group), H.261 Annex D (4 × CIF)
Transmitting time: Approx. 10 s at line rate 112 k to 384 kbps
Storage Capacity: Max. 30 pages (Color) in total for both graphics and document

Document

Resolution (Processing): 200 dpi (8 dots/mm) (1728 x 2376 in A4 paper)
Resolution (Display): 704 pixels × 480 lines with 16 grey scale
Input signal: SCSI interfaced to Document Scanner (Scan Jet 4C)
Paper size: A4
Output signal: Centronics interfaced to Laser-beam Printer (Recommended: Laser Jet 5L, Laser Jet 6L, Laser Jet 4000, Desk Jet 895Cxi)
Printing time: approx. 1 min. /A4 Black and White with 16 grey scale
Display scanning: 15.735 kHz (black-and-white with 16 grey-scale)
Compression method: MMR (Modified Modified READ)
Transmitting time: Approx. 5 sec at line rate 112 k to 384 kbps
Scanning time: Approx. 8 sec at A4 paper
Manipulations: Rotation 90° step
Size × 1, × 2, × 4
Scroll Vertical up and down
Horizontal right and left
Storage capacity: Max. 30 pages(Color) in total for both document and graphics

Picture in Picture

Sub screen size: 1/9
Position: One of four corners
Motion video mode: (Main) Motion Video of remote site
(Sub) Motion Video of local site
Document mode: (Main) Document
(Sub) Motion Video of remote site
Graphics mode: (Main) Graphics
(Sub) Motion Video of remote site

1 Videoconferencing system

Pointing and Drawing

| | |
|-----------------|---|
| Input device: | RS-232C interfaced Drawing Tablet (PCS-T500) Electromagnetic Tablet and Pen system |
| Pointer: | Finger Mark |
| Line thickness: | 3 size |
| Eraser size: | 1 size plus All |
| Colour: | White/Red/Green for Graphics Black/White for Document |

Transmission

| | |
|---------------|--|
| Multiplexing: | Video, Audio, Data |
| Frame format: | ITU-T H.221 |
| Interface: | ISDN (BRI) × 3, X.21 × 2* V.35 × 2 with RS-366* RS-449x1* I-Mux* |
| Rate: | ISDN 56/64 kbps to 384 kbps in 56/64 kbps increments V.35* 56/64 kbps to 384 kbps in 56/64 kbps increments Dual V.35* 56 kbps × 2, 64 kbps × 2 RS-449* 56/64 k~384 kbps in 56/64 kbps increments X.21* 56/64 k~384 kbps in 56/64 kbps increments Dual X.21* 56 kbps × 2, 64 kbps × 2 I-Mux* 168 k~384 kbps |

Data Port

| | |
|----------|--|
| RS-232C: | Aux Control Port (1), 9.6kbps, /Stop bit 2/Non parity/Data bit 8 User Data Port (1), 9.6kbps/38.4 kbps, /Stop bit 1/Non parity/Data bit 8 |
|----------|--|

Lip Synchronization

| | |
|--------|----------------------------|
| System | Automatic Manual ON/OFF |
|--------|----------------------------|

Echo Cancellation

| | |
|------------|-------|
| Bandwidth: | 7 kHz |
|------------|-------|

Diagnostics

| | |
|-------------------|--|
| Local operation: | Remote Commander or Data Terminal |
| Remote operation: | Data terminal via Modem through analogue telephone network Rollabout via ISDN or digital network |

Remote Commander

| | |
|----------------|--|
| Signal format: | Infrared SIRCS |
| Key: | Direction Pad and Exec. Key Power On and Mic Mute |
| Power: | AA/LR6/AM3 (N) Alkaline52 battery |

General

| | |
|-----------------------|-------------------------------|
| Operating temperature | 5°C to 35°C (41°F to 94°F) |
| Operating humidity | 20% to 80% |
| Storage temperature | -20°C to 60°C (-4°F to 140°F) |
| Storage humidity | 20% to 80% |
| Power requirement | AC 120 V, 60 Hz |
| Power consumption | 3.0 A (incl. AC OUT 2 A) |

Dimensions:

| | |
|--------------------------|--|
| Rollabout Processor: | 190 (W) × 340 (H) × 310 (D) mm (7 ¹ / ₂ × 13 ¹ / ₂ × 12 ¹ / ₄ inches) |
| External Microphone Kit: | 120 (W) × 32.5 (H) × 113 (D) mm (4 ³ / ₄ × 1 ⁵ / ₁₆ × 4 ¹ / ₂ inches) |
| Camera Unit: | 142 (W) × 109 (H) × 164 (D) mm (5 ⁹ / ₈ × 4 ³ / ₈ × 6 ¹ / ₂ inches) |
| Remote Commander: | 42 (W) × 30 (H) × 182 (D) mm (1 ¹¹ / ₁₆ × 1 ³ / ₁₆ × 7 ¹ / ₄ inches) |
| Mass: | Rollabout Processor: 9.0 kg (19 lb 13 oz) External Microphone Kit: 0.5 kg (1 lb 2 oz) Camera Unit: 1.2 kg (2 lb 10 oz) Remote Commander: 0.13 kg (4.6 oz) |

NOTE: *: An optional board is required.



* The above photograph is an example of the TriniCom 5100 Plus system, including the PCS-5100.

1 Videoconferencing system

PCS-1500

Compact Conference Package

- Compact, complete set-top box-type videoconferencing system
- Easy to use and easy to install (Plug and Play)
- Supports a bandwidth of up to 128 kbps as a standard. Can be upgraded to 384 kbps for high quality video (H. 263 / H. 261) and enable four-site multipoint operation
- Continuous 4 x CIF image transmission as a standard. Allows presenter to concentrate on the presentation
- With the optional Document Stand PCS-DS150, PC screens can be sent via infrared signals to the PCS-1500
- Audio conference participation possible via ordinary telephone
- Supports international standards: ISDN (H. 320), LAN/WAN (H.323)*
- Detachable pan, tilt, zoom camera with auto tracking

* with optional LAN Board PCS-I152

PCS-1500 package configuration:

Compact Processor with Camera and Microphone,
Remote Commander

Supplied Accessories: S-video cable (1.3 m) (1)
IR Repeater (1)
ISDN cable (5 m) (1)
Audio cable (1 m) (1)
AC Adaptor (1.5 m) (1)
AC Power Cord (1)
Operation Manual (2)

Optional accessories: PCS-DS150 Document Stand
PCS-I150 2BRI Board
PCS-I151 V.35 Board
PCS-I152 LAN Board
PCS-UC150 Upgrade Kit for H. 320 MCU
PCS-A300 Microphone
PCS-K32 V. 35 Cable

Specifications

Motion video

Operating bandwidth:

BRI: 56 k/64 k to 128 kbps in 56 k or 64 kbps
BRI: 56 k/64 k to 384 kbps in 56 k or 64 kbps (option)
V.35: Up to 384 kbps (option)
LAN: 768 kbps Equivalent (option)
Coding: H.261, H.263 (ITU-T Standard)

Picture elements: CIF: 352 pixels × 288 lines
QCIF: 176 pixels × 144 lines

Video signal system: NTSC

Audio

Bandwidth and coding:

G.711: 3.4 kHz at 56 to 64 Kb/s
G.722: 7.0 kHz at 48 to 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 only)

Camera

Camera: 1/3 type CCD
Presets: up to 6 positions
Picture elements: 768 pixels × 494 lines
Focal length: 5.4 to 64.8 mm
Focus: Auto / Manual
IRIS: Auto
Zoom ratio: 12X
Pan control: +/-100°, motor driven
Tilt control: +/-25°, motor driven
Resolution: More than 460 TV lines
Far-end control / H.281: Zoom: Tele / Wide
Focus: Auto / Manual (far, near)
Pan: Right / Left
Tilt: Up / Down
Functions: Zoom, focus, pan, tilt, auto tracking, auto zooming, and back light control

Still Picture (H.320 only)

Resolution: 704 pixels × 480 lines
Compression method: H.261 Annex. D (4CIF)
Transmitting time: Approx. 5 s at line rate 112 k to 128 kbps
Approx. 1 to 2 s at line rate 366 k to 384 kbps (option)

Picture in Picture

Sub Screen Size: 1/9



Transmission

Multiplexing: Video, Audio, Data
Frame format: ITU-T H. 221 (H.320), ITU-T H.225 (H.323)
Interface: ISDN (BRI) (1)
ISDN (BRI) (3) - option
V.35 with RS-366 - option
LAN 10BASE-T - option
Rate: ISDN (2B): 56/64 k to 128 kbps in 56/64 kbps increments
ISDN (6B): 56/64 k to 384 kbps in 56/64 kbps increments
V.35: 56/64 k to 384 kbps in 56/64 kbps increments
LAN: Auto Rate Adoption up to 384 kbps equivalent

T.120 Port

RS-232C (1), 9.6 / 115.2 kbps

Lip synchronization

Manual ON/OFF

Echo Cancellation

7 kHz, Ext echo canceller is applicable

Diagnostics

Local operation: Remote commander or data terminal (PC)
Remote operation: PCS-1500 for set up status check & correction

Remote Commander

Key: Direction pad and exec. Key
Direct dial / camera select / P in P
Power On / Off
Mic On / Off
Power: AA / LR6 / AM3 (N) Alkaline (2) battery
Dimensions: 50 (W) × 35 (H) × 239 (D) mm
(2 × 1 7/16 × 9 1/2 inches)
Mass: 180g (6 oz) (including batteries)

General

Operating temperature: 5° to 35° C (41° to 95° F)
Operating humidity: 20 to 80 %
Storage temperature: -20° to 60° C (-4° to 140° F)
Storage humidity: 20 to 80 %
Power requirement: 100 to 240 V AC, 50/60 Hz
Power Consumption: 1.0 A to 0.6 A
Dimensions: (including camera)
258 (W) × 134 (H) × 216 (D) mm
(10 1/4 × 5 3/8 × 8 5/8 inches)
Mass: 2.5 kg (5 lb 8 oz)

1 Videoconferencing system

PCB-500

PC Conference Kit

- Designed for personal data communication on PC environment
- Employs high quality video camera with excellent picture quality
- Complies with the ITU-T H.320 standard for video coding
- Complies with H. 323 standards for communication via LAN
- Supports H.281 Far End Camera Control standard enabling control of the camera of any vendor's products (Products supporting H.281)
- Video quality adjustment
- Scaleable video windows
- Picture-in-picture and picture-out-picture function
- Hands-free operation via the camera unit's built-in microphone
- A supplied handset
- Lip sync function and echo canceller
- Plug-and-play capability for easy installation
- A simple yet comprehensive icon menu for easy and intuitive operation
- PC phone function
- Telephone directory function
- Supports T.120
- Application software sharing on either PC
- File transfer capability
- White-board capability
- Supports NetMeeting™
- Internet Access capable
- MVIP Option
- MCU Chair Control

PCB-500 Kit:

- PC Conference board
- Camera unit
- Handset
- PC Conference software

Supplied accessories:

- ISDN cable (1.8m x1)
- Cable for handset
- Warranty card
- User's guide

Specifications

General

Operating temperature: 0°C to 40°C (32°F to 140°F)
Operating humidity: 20% to 80% (based on room temperature of 25°C (77°F))
Preserving temperature: -25°C to 80 °C (-13°F to 176°F)
Preserving humidity: 10% to 80% (without condensation)
Power requirement: DC 5V
Power consumption: 0.6 A
Dimensions:

- PC conference board: 126 (W) × 22 (H) × 176 (D) mm (5 × 7/8 × 7 inches)
- Camera unit: 48.6 (W) × 34.9 (H) × 90 (D) mm (1 15/16 × 1 3/8 × 3 5/8 inches)
- Handset: 45 (W) × 43 (H) × 205 (D) mm (1 3/8 × 1 3/4 × 8 1/8 inches)

Mass:

- PC conference board: 160 g (5.6 oz)
- Camera unit: 110 g (3.0 oz)
- Handset: 120 g (4.2 oz)

Transmission

Transfer rate:

- ISDN 56 k to 128 kbps (Max. 384 kbps using optional board)
- LAN up to 1.5 Mbps (requires LAN board)

Video

Compression: ITU-T standard H.261/H.263 compatible
Transmitted resolution: FCIF: 352 × 288 pixels up to 15 frames/sec.
QCIF: 176 × 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 colors
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 7kHz at 64kbps
- G.711 3.4kHz at 56kbps
- G.728 3.4kHz at 16kbps

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

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 166 MHz for H. 320 ISDN
Pentium 200 MHz for H. 323 LAN
Windows 95, Windows 98, Windows NT
Memory: 64 MB or more
Hard disk: 30 MB or more
Monitor: SVGA Monitor required

* IBM is a trademark of IBM Corporation.

* Pentium is a trademark of Intel Corporation.

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

2 Videoconferencing system accessories

PCS-A510*

Audio unit for PCS-5100

•Additional audio unit for the PCS-5100 •Covers a total of five to six attendants in a conference

Supplied accessories: Joint cable (mini DIN 8-pin ↔ mini DIN 8-pin, 3m)

Bandwidth: 7.0kHz
Power: Supplied from the Rollabout processor (+12V)
Mass: 1.0kg (2 lb 3 oz)
Dimensions: 276(W) × 83(H) × 185(D)mm
(10⁷/₈ × 3³/₈ × 7³/₈ inches)



*Can only be use with PCS-5100 supplied with Audio Unit.
For details, please contact your nearest Sony office.

PCS-A520EK*

External Microphone Kit for PCS-5100

•Additional microphone kit for the PCS-5100 •Includes one microphone, terminal box and eight meters multi cable to connect between the CODEC and the terminal
•Terminal interfaces up to three microphones and one drawing tablet.

Supplied accessories: Microphone (3 m cable)
Cable (for Rollabout Processor 8 m)
Operation Manual
Mass: 0.5 kg (1 lb 2 oz)
Dimensions: 120 (W) × 32.5 (H) × 113 (D) mm
(4 ³/₄ × 1 ⁵/₁₆ × 4 ¹/₂ inches)



*Can only be use with PCS-5100 supplied with Audio Unit.
For details, please contact your nearest Sony office.

PCS-F500

Cabinet for PCS-5100

•Holds the rollabout processor and supports virtually any size monitor for PCS-5100.

Mass: 33.0kg (72 lb 12 oz)
Dimensions: 590 (W) × 760 (H) × 703 (D)mm
(23¹/₄ × 30 × 27³/₄ inches)



PCS-F510

Cabinet for 34 inch monitor for PCS-5100

•Holds the rollabout processor and a 34 inch monitor for PCS-5100

Mass: 52.0kg (114 lb 10 oz)
Dimensions: 800(W) × 760(H) × 788(D)mm
(31¹/₂ × 30¹/₈ × 31¹/₈ inches)

2 Videoconferencing system accessories

PCS-G510

Dual monitor board for PCS-5100

- Adds a second monitor to the PCS-5100 to display documents and graphics in a dual-monitor system
- VGA and SVGA input
- Built in down converter for VGA/SVGA images to be converted to S-video

Supplied accessories: IR repeater

Mass: 0.3 kg (10 oz)
Dimensions: 135 (W) × 28.5 (H) × 242 (D) mm
(5 $\frac{3}{8}$ × 1 $\frac{1}{8}$ × 9 $\frac{5}{8}$ inches)



PCS-R500

Remote commander for PCS-5100

- Additional remote commander for the PCS-5100

Mass: 0.13kg (4.6 oz)
Dimensions: 42(W) × 30(H) × 182(D)mm
(1 $\frac{11}{16}$ × 1 $\frac{3}{16}$ × 7 $\frac{1}{4}$ inches)



PCS-R510

Key Commander for PCS-5100

- Additional remote key commander for the PCS-5100

Mass: 0.3kg (6 oz)
Dimensions: 89(W) × 197(H) × 36(D)mm
(3 $\frac{5}{8}$ × 7 $\frac{7}{8}$ × 1 $\frac{7}{16}$ inches)



VIDEOCONFERENCING
SYSTEM

PCS-T500

Drawing tablet for PCS-5100

- Allows PCS-5100 users to point or draw on the document or still video

Supplied accessories: Tablet cable (2.5m)
Pen
Pen stand
Operation manual

Mass: 0.95kg (2 lb 2 oz)
Dimensions: 330(W) × 13.9(H) × 243(D)mm
(13 × 9 $\frac{9}{16}$ × 9 $\frac{5}{8}$ inches)

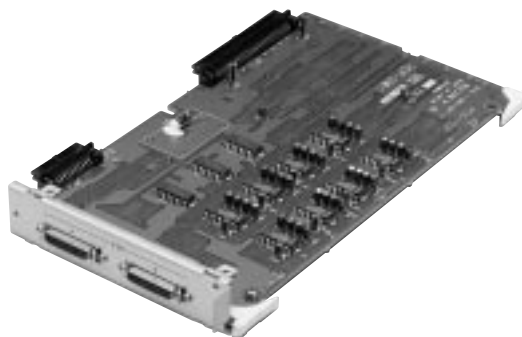


2 Videoconferencing system accessories

PCS-I500

V.35 Interface Board for PCS-5100

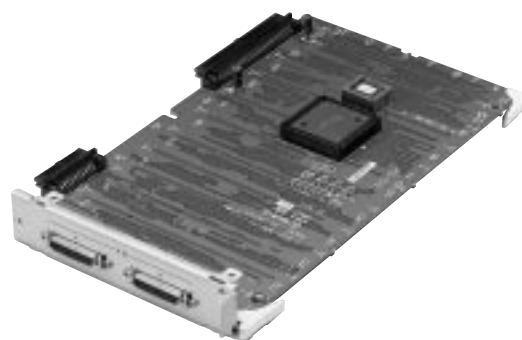
- Provides a V.35 line interface



PCS-I510

X.21 Interface Board for PCS-5100

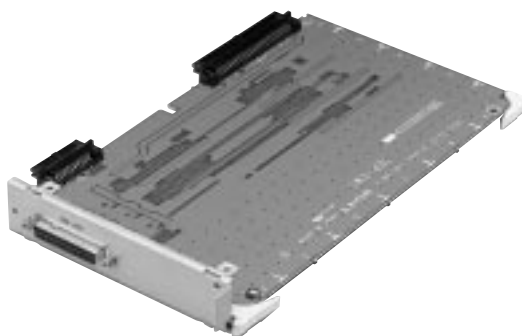
- Provides an X.21 line interface



PCS-I520

RS-449 Interface Board for PCS-5100

- Provides an RS-449 line interface



PCS-MC10

Memory Card for PCS-5100

- Records up to 30 still pictures



2 Videoconferencing system accessories

PCS-K21

Printer Cable for PCS-5100

- Connects the Rollabout Processor and a printer (3m, 9.8 ft)



PCS-K32

V.35 Conversion Connector Cable for PCS-5100 and PCS-1500

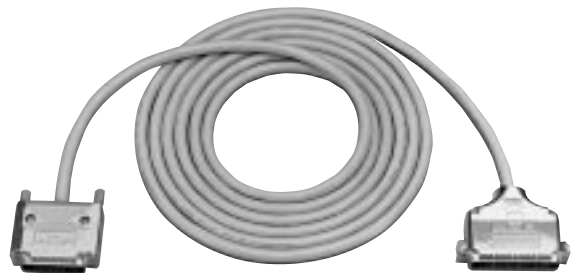
- Connects the V.35 connector (V.35 interface board PCS-I510) to the terminal adapter (1 m, 3.3 ft)



PCS-K40

RS-449 Conversion Connector Cable for PCS-5100

- Connects the RS-449 Connector to the terminal adapter in the RS-449 line interface (1 m, 3.3 ft)



PCS-K60

S-video cord for PCS-5100

- Cord for connecting video equipment with S-video connector



2 Videoconferencing system accessories

PCS-K70

X.21 Conversion Connector Cable for PCS-5100

- Connects the X.21 connector (X.21 interface board PCS-I510) to the terminal adapter (1 m, 3.3 ft)



PCS-DS150

Document Stand for PCS-1500 and PCS-5100

- Enables easy presentation of material during videoconference
- Built-in scan converter to input PC screens (VGA/SVGA/XGA) and send it to the PCS-1500 via infrared signal (Infrared signal cannot be applied for PCS-5100. Cable connection only.)
- Three-dimensional objects can be displayed with the CCD camera

Mass: 2.6 kg (5 lb 11 oz)
Dimensions: 120 (W) × 480 (H) × 380 (D) mm
(Normal Use)
4 3/4 × 19 × 15 inches
120 (W) × 310 (H) × 250 (D) mm
(when arm is pulled back, excluding protruding parts)
4 3/4 × 12 1/4 × 9 7/8 inches

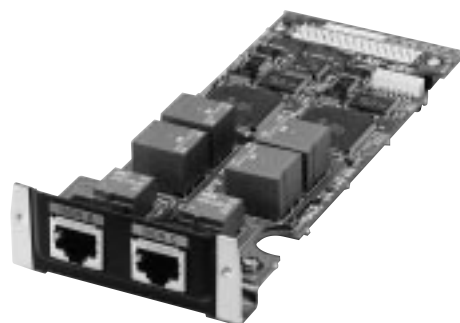


PCS-I150

BRI Board (2BRI Extension) for PCS-1500

- Interface with ISDN (BRI) x 3 (384 kbps) becomes possible

Mass: 75 g (2 oz)
Dimensions: 70 (W) × 27 (H) × 160 (D) mm
(2 7/8 × 1 1/8 × 6 3/8 inches)

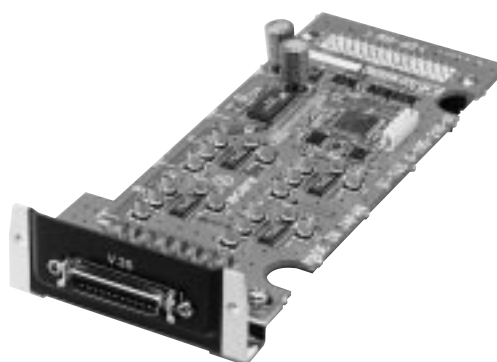


PCS-I151

V.35 Board for PCS-1500

- Provides a V.35 line interface

Mass: 60 g (2 oz)
Dimensions: 70 (W) × 27 (H) × 166 (D) mm
(2 7/8 × 1 1/8 × 6 5/8 inches)



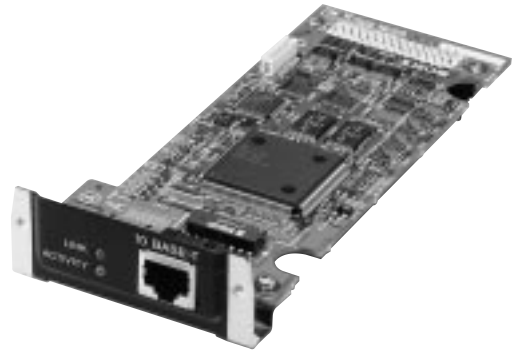
2 Videoconferencing system accessories

PCS-I152

LAN Board for PCS-1500

- Provides LAN interface
- Follows ITU-T H.320 standard
- Setup data can be up/down loaded via FTP
- Remote up version is possible via FTP

Mass: 60 g (2 oz)
Dimensions: 70 (W) × 27 (H) × 160 (D) mm
(2 ⁷/₈ × 1 ¹/₈ × 6 ³/₈ inches)



PCS-UC150

Upgrade Kit for H.320 MCU for PCS-1500

- 4-site multipoint capability
- Enables multipoint conference with other systems which complies with the ITU-T H.320 standard

Mass: 30 g (1 oz)
Dimensions: 54 (W) × 4 (H) × 86 (D) mm
(2 ¹/₄ × ³/₁₆ × 3 ¹/₂ inches)



*Requires optional PCS-I150 (2 BRI Board) for MCU Operation

PCS-A300

Microphone Unit for the PCS-1500

- Microphone unit for the PCS-1500

Supplied accessory: Cable (8 m)
Bandwidth: 7.0kHz
Power: Plug-in power
Mass: 0.2 kg (7.1 oz)
Dimensions : 68(W) × 15(H) × 90(D) mm
(2 ³/₄ × ¹⁹/₃₂ × 3 ⁵/₈ inches)



