

Video Communication System

Operating Instructions for Web Control Function (Ver. 1.10)

PCS-1/1P



Introduction

This document introduces the Web Control Function which is used to operate the PCS-1/IP over a LAN. The Web Control Function helps you control the PCS-1/IP, or change its setup configuration, using a Web browser installed on your PC, such as Internet Explorer or Netscape Navigator. The following is a set of Operating Instructions for the Web Control Function.

Internet Explorer is a product of the Microsoft Corporation. Please use Version 5.0, or above (Version 6.0 recommended).

Netscape Navigator is a product of Netscape Communications Corporation. Please use Version 6.2, or above (Version 7.0 recommended).

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1. Open the Web page

Enter the IP address assigned to the PCS-1/IP in the address line of your browser.

The format of an address is:

http://XXX.XXX.XXX.XXX/

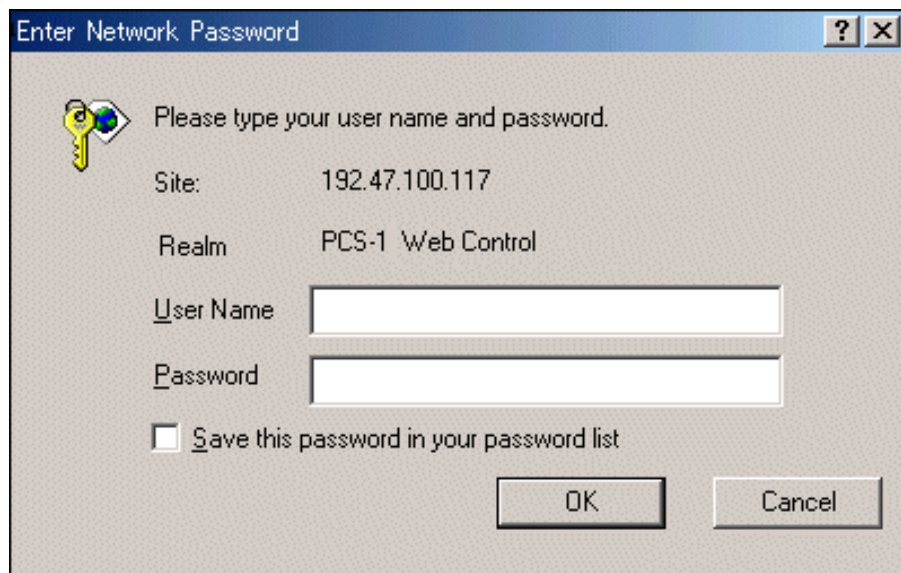
For instance, if the IP address is “192.47.100.117”, enter “http://192.47.100.117/” in the address line.

Note

When a proxy server in an external network segment has been set, the Gateway address in the PCS-1/IP LAN setting must also be set. Or set your Web browser proxy setting to “No Proxy” for the PCS-1/IP.

2. Identify a user

Once you reach the Web page, the following window will be displayed asking you to identify yourself as the user.



The screenshot shows a dialog box titled "Enter Network Password". It contains a key icon and the text "Please type your user name and password." Below this, it shows "Site: 192.47.100.117" and "Realm: PCS-1 Web Control". There are two input fields: "User Name" and "Password". At the bottom, there is a checkbox labeled "Save this password in your password list" and two buttons: "OK" and "Cancel".

Enter one of the following user names (see below) into the “User Name” box and the corresponding password into the “Password” box, then click the [OK] button.

Each character of a password is shown as “*” on the screen. When the user name and password are correct, the “Dial/Disconnect” page will come up. If an incorrect user name or password is entered three times, an error message appears on the screen.

Notes on the user name and the password

- When you enter “user” in the “User Name” box and then its password (Remote Access Password) in the “Password” box, you can access and check the “Phone Book” and “Setup” pages.
- When you enter “super” in the “User Name” box and then its password (Superuser Password) in the “Password” box, you can access the “Phone Book” page, change the setting of the page, and register a new entry onto the page. And you can check the “Setup” page.
- When you enter “sonypcs” in the “User Name” box and then its password (Administrator Password) in the “Password” box, you can access the “Phone Book” page, change the setting of the page, and register a new entry onto the page. And you can check and modify the “Setup” page.
- If the corresponding password is not assigned, leave the “Password” box blank and click the [OK] button.
- Administrator Password, Superuser Password and Remote Access Password settings are in the Administrator menu.

3. Select a tool

By clicking a tool button on the top part of the page, you can jump to the corresponding tool page. A brief introduction of each tool is presented below.



- **[Controller]**
Controls the PCS-1/IP using the on-screen controller, or controls using the on-screen Remote Commander in the same manner as you do with the PCS-R1 Remote Commander.
- **[Dial/Disconnect]**
Calls a remote party, or ends a meeting.
- **[Phone Book]**
Displays the dial list.
Connects from the dial list.
Registers, confirms or edits the dial list.
- **[Setup]**
Confirms or modifies the setup.
Sends messages.
Resets the setup functions (only when “sonypcs” has been entered as the user name).
- **[Info]**
Displays the connection status, line status, or other machine information.
Displays the “Cause Code.”
Displays the “Call Log”(only when “sonypcs” has been entered as the user name).
- **[Monitor]**
Monitors a meeting being held with the PCS-1/IP over the Web.

Note

When Web Monitor is set to Off in the Administrator menu, the “Monitor” page cannot be used.

4. How to use “Controller”

To control the PCS-1/1P from the on-screen controller



When you click the [Controller] button, the on-screen control panel appears. By clicking the buttons on this control panel, you can control the PCS-1/1P, sending still images, operating the camera, registering preset camera settings, and so on.

For example, in order to preset and load a camera setting:

- ① Set the camera at the desired position using the Camera Control buttons.
- ② Click one of the “Preset Save” 1 to 6 buttons on the image.
- ③ The preset is done.
- ④ Click one of the “Preset Load” 1 to 6 buttons on the image to load it.

To control the PCS-1/1P from the on-screen Remote Commander



When you click ► Commander on the left part of the screen, the Remote Commander screen appears.

By clicking the various buttons on the Remote Commander image, you can control the unit in the same way you can when using a real Remote Commander (PCS-R1), operating the camera, and dialing phone numbers.

5. How to use “Dial/Disconnect”

The screenshot shows the 'Dial/Disconnect' page of the PCS-1 Sony Videoconferencing system. The page has a dark blue header with the title 'PCS-1 Sony Videoconferencing' and several navigation icons: Controller, Dial/Disconnect (highlighted), Phone Book, Setup, Info, and Monitor. Below the header, the page title 'Dial/Disconnect' is displayed. The main content area contains several input fields for dialing numbers: A1, A2, B1, B2, C1, and C2. Below these fields are two dropdown menus: 'Line I/F:' set to 'LAN' and 'LAN Bandwidth:' set to '1024 Kbps'. At the bottom of the form are three buttons: 'DIAL', 'DISCONNECT', and 'CLEAR'.

By clicking the [Dial/Disconnect] button, you can jump to the “Dial/Disconnect” page.

- **To connect:**

- ① Enter the telephone number(s) of a remote party into the box(es): A1(to C2) (When using a LAN, enter an IP address or a DNS name.)
- ② Set the communication attribute.
- ③ Click the [DIAL] button.
- ④ The message, “Now dialing...” appears.
- ⑤ After the connection is made, the message, “Connect OK.” will appear, and the screen will return to the “Dial/Disconnect” page.

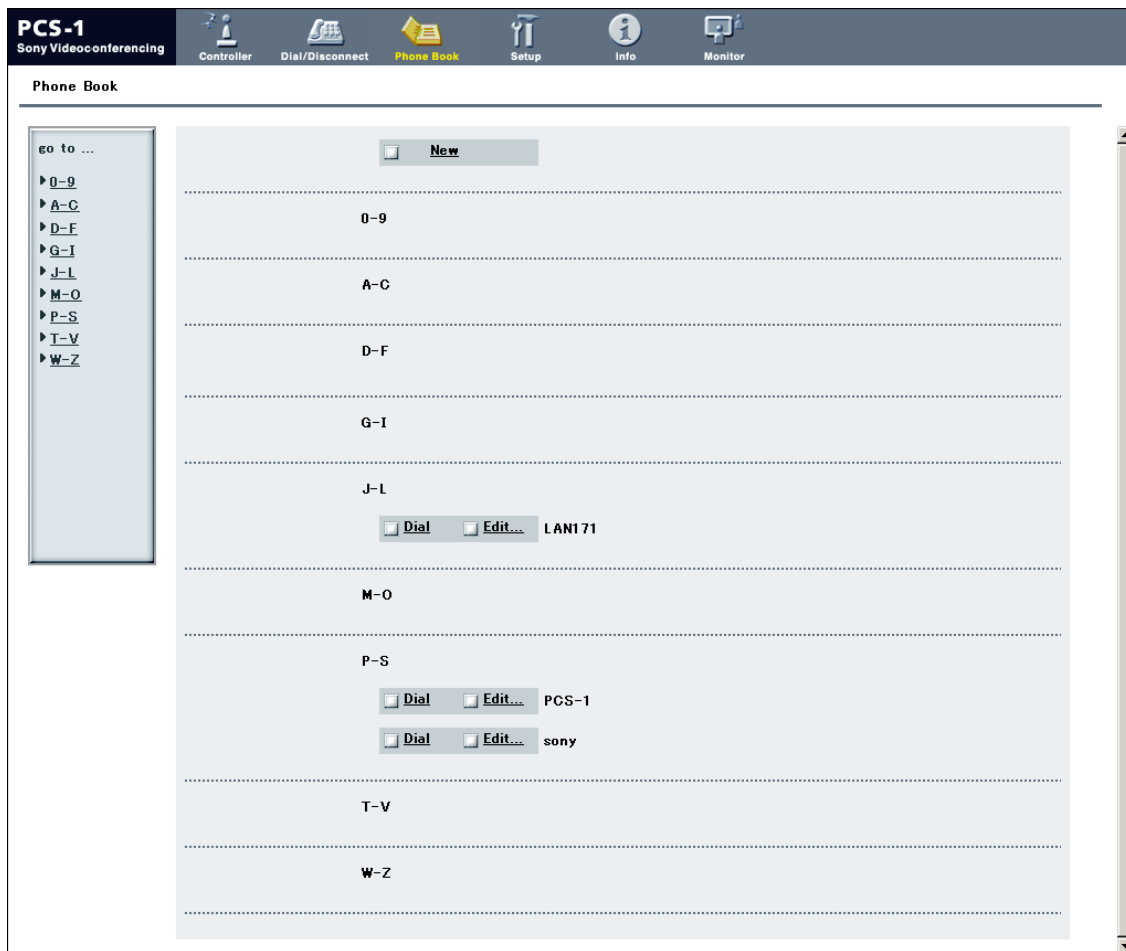
- **To disconnect:**

- ① Click the [DISCONNECT] button.
- ② The message, “Now disconnecting...” appears.
- ③ After the disconnection is completed, the message “Disconnect OK.” will appear, and the screen will return to the “Dial/Disconnect” page.

- **To clear the dial number:**

- ① Click the [CLEAR] button.
- ② The number(s) entered on this menu will be cleared and the screen will return to the “Dial/Disconnect” page.

6. How to use “Phone Book”



By clicking the [Phone Book] button, you can jump to the “Phone Book list” page.

- **To connect:**

- ① Click Dial next to the index title that you are dialing. Then, the message, “Now dialing...” will appear.
- ② After the connection is made, you will see the message, “Connect OK.,” and the screen will return to the list page.

“Phone Book-Edit” page

PCS-1
Sony Videoconferencing

Controller Dial/Disconnect Phone Book Setup Info Monitor

Phone Book > Edit

go to ...

- ▶ 0-9
- ▶ A-C
- ▶ D-F
- ▶ G-I
- ▶ J-L
- ▶ M-O
- ▶ P-S
- ▶ T-V
- ▶ W-Z
-
- Return

Index: PCS-1

A1: 192.168.1.24

A2:

B1:

B2:

C1:

C2:

Line I/F: LAN

Bonding: Auto

Number of Lines: 12B

LAN Bandwidth: 1024 Kbps

Prefix: Prefix-None

Restrict: Auto

Video Mode: ALL

Video Frame: 15fps

Audio Mode: ALL

Far End Camera Control: On

T.120 Data: Off

SAVE DELETE

- **To edit the communication attribute (only when “super” or “sonypcs” has been entered as the user name):**
 - ① Click Edit... next to the index title whose communication attribute you want to edit or modify on the list page. Then, the “Phone Book-Edit” page will appear.
 - ② Edit or modify the telephone numbers and attributes.
 - ③ Click the [SAVE] button. After saving the changes, the screen will return to the list page.
- **To delete data from the Phone Book (only when “super” or “sonypcs” has been entered as the user name):**
 - ① Click Edit... next to the index title whose data you want to delete on the list page. Then, the “Phone Book-Edit” page will appear.
 - ② Click the [DELETE] button. After the deletion is complete, the list page will appear.
- **To return to the list page:**
 - ① Click Return on the left part of the page. The list page will appear.

“Phone Book-New” page

PCS-1
Sony Videoconferencing

Controller Dial/Disconnect Phone Book Setup Info Monitor

Phone Book > New

go to ...

- ▶ 0-9
- ▶ A-C
- ▶ D-F
- ▶ G-I
- ▶ J-L
- ▶ M-O
- ▶ P-S
- ▶ T-V
- ▶ W-Z
- Return

Index:

A1:

A2:

B1:

B2:

C1:

C2:

Line I/F:

Bonding:

Number of Lines:

LAN Bandwidth:

Prefix:

Restrict:

Video Mode:

Video Frame:

Audio Mode:

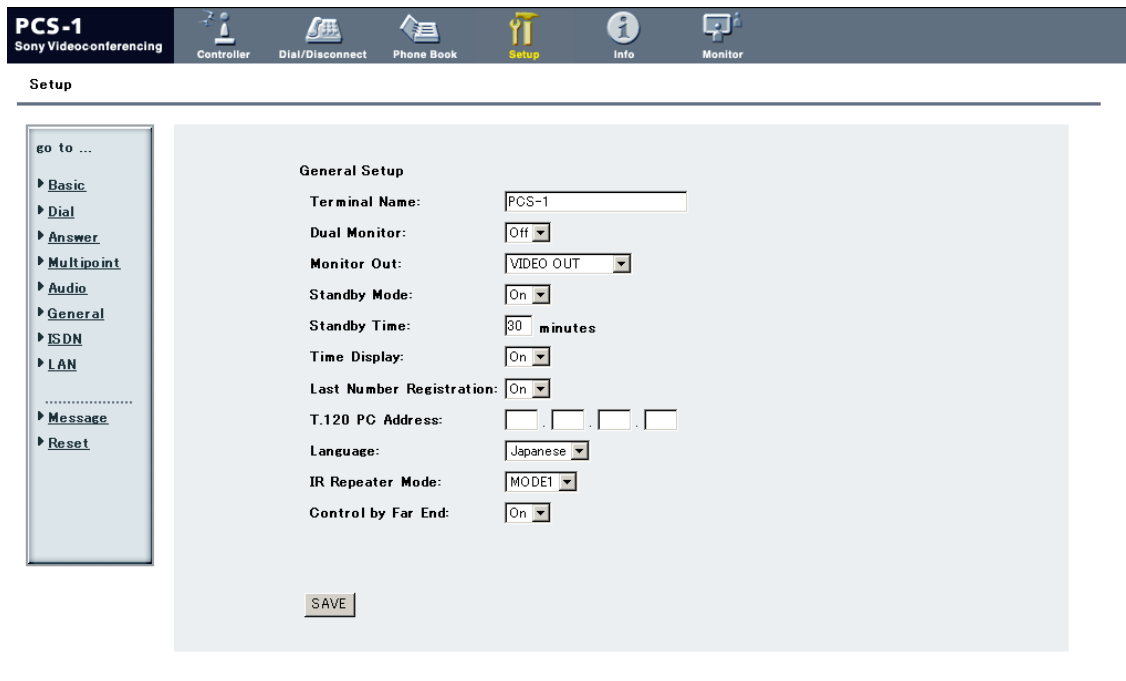
Far End Camera Control:

T.120 Data:

SAVE

- **To register a new point (only when “super” or “sonypcs” has been entered as the user name):**
 - ① Click New on the list page.
The “Phone Book-New” page will appear.
 - ② Enter an index title into the Index box and telephone numbers into box(es) A1 (to C2).
 - ③ Set the communication attributes.
 - ④ Click the [SAVE] button. After the registration is complete, the new index will be added, and the screen will return to the list page.
- **To return to the list page:**
 - ① Click Return on the left part of the page. The list page will appear.

7. How to use “Setup”



Click the [Setup] button, and you will jump to the “Basic Setup” page. (The image above shows the “General Setup” page.)

Click ► [Dial](#), ► [Answer](#), ► [Multipoint](#), ► [Audio](#), ► [General](#), ► [ISDN](#), or, ► [LAN](#) on the left part of the screen, according to what you are setting up.

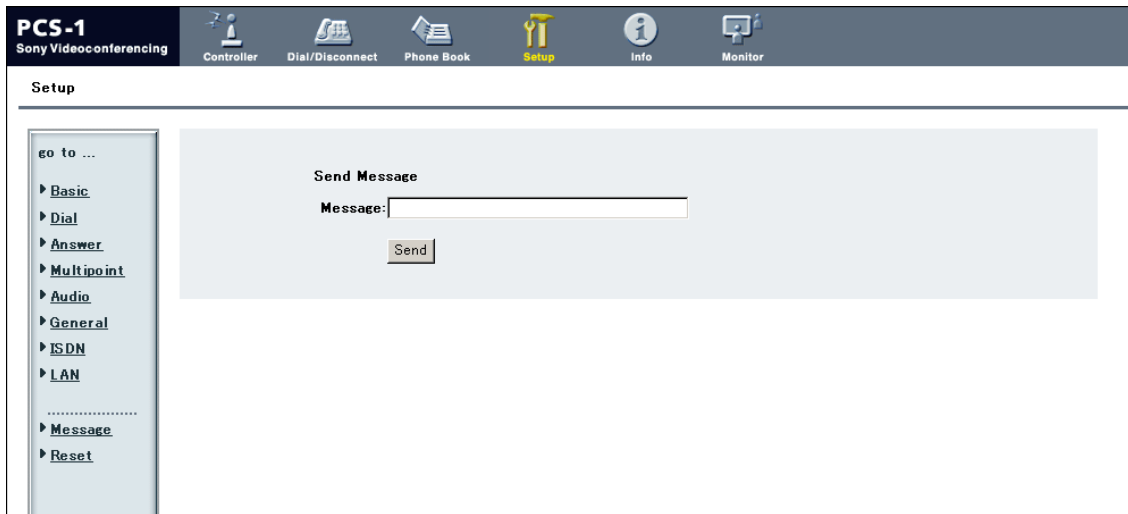
- **To modify the attribute (only when “sonypcs” has been entered as the user name)**

- ① Open the page whose attributes you want to modify.
- ② Modify the attributes.
- ③ Click the [SAVE] button. After the modification is complete, the screen will return to the same page as you see in step ①.

Note

Sometimes the screen may not go back to the previous page after modifying the “LAN” page. This is not a malfunction.

To display the “Send Message” page

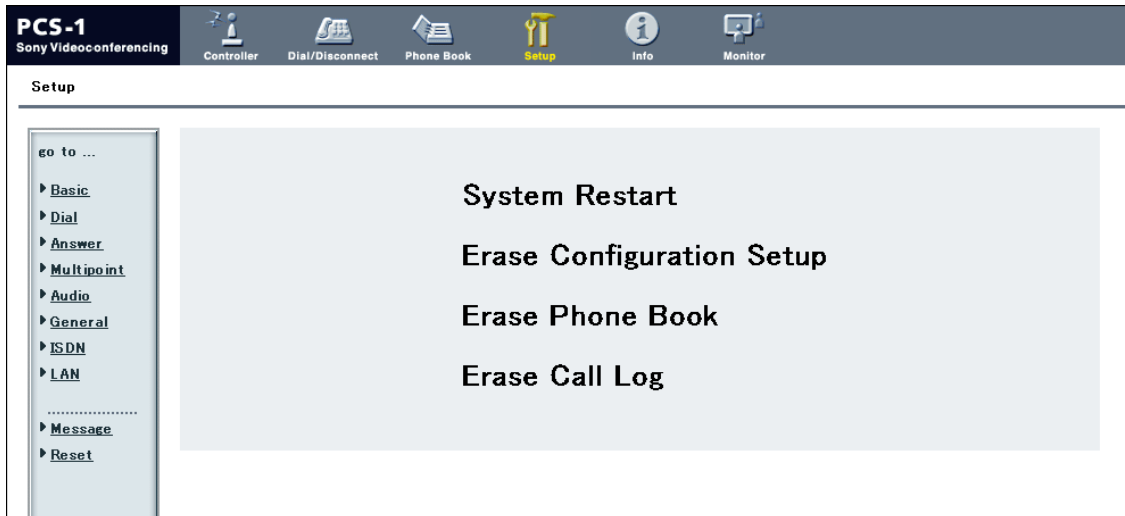


Click ► [Message](#) on the left side of the page.
The “Send Message” page will appear.

Enter the message you want to send into the Message box and click the [Send] button to send the message to the PCS-1/IP.

After the message is sent, “message send OK.” will be displayed and the screen will return to the “Send Message” page.

To reset the system



Click ► [Reset](#) on the left part of the page. The “Reset” page will appear (only when “sonypcs” has been entered as the user name).

① Click on the desired item.

A dialog box will appear.

② Click the [OK] button.

- **“System Restart”**
Resets the PCS-1/1P system.
- **“Erase Configuration Setup”**
Returns to the factory setting values.
- **“Erase Phone Book”**
Erases all information saved in the “Phone Book.”
- **“Erase Call Log”**
Erases all information saved in the “Call Log.”

8. How to use “Info”

The screenshot displays the 'Info' page of the PCS-1 Sony Videoconferencing system. The page is titled 'Information' and features a navigation menu on the left with the following items: 'go to ...', 'Communi', 'Line', 'Machine', 'Cause', and 'Call Log'. The main content area is divided into two sections: 'Line Status' and 'Machine Information'.

Line Status	Status	Cause Code
A1:	No network	0
A2:	No network	0
B1:	No network	0
B2:	No network	0
C1:	No network	0
C2:	No network	0
D1:	No network	0
D2:	No network	0
E1:	No network	0
E2:	No network	0
F1:	No network	0
F2:	No network	0
LAN1:	No call in progress	0
LAN2:	No call in progress	0
LAN3:	No call in progress	0
LAN4:	No call in progress	0
LAN5:	No call in progress	0

Machine Information

Host Version: Ver 91.02

ISDN UNIT Version:

DSB Version:

DSP Version: Ver 01.07

Software Option: Multipoint(H.320 + H.323)

Option I/F: None

HOST Name: AAAA

IP Address: 192.168.1.22

MAG Address:

Serial Number:

Click the [Info] button, and the “Information” page will appear.

When the PCS-1/IP is on-line, the “Communication Status,” “Line Status,” and “Machine Information” page appears, and during otherwise, the “Line Status” and “Machine Information” page appears.

To display the Cause Code list

The screenshot shows the PCS-1 Sony Videoconferencing software interface. At the top, there is a navigation bar with icons for Controller, Dial/Disconnect, Phone Book, Setup, Info, and Monitor. Below this is the 'Information' section. On the left, there is a 'go to ...' menu with a tree structure: Communi, Line, Machine, Cause (highlighted), and Call Log. The main area displays a list of Cause Codes with their corresponding descriptions.

Cause Code	Description
0	Unknown network error: Try again later.
1	Number does not exist: Check the number and try again.
2,3,6	Network congestion: Try again later.
16	Normal disconnection: (The line has been disconnected normally.)
17	Line is busy: Try again later.
18	System not responding: Check if the remote system is connected.
19	System not responding: Check if the remote system is connected.
21	Call rejected: Check if the remote system is connected.
22	Called party number changed: Check the number and try again.
26	Connection restoration request: Try again later.
27	Remote system out of order: Check if the remote system is operational.
28	Invalid number entered: Check the number and try again.
31,34,41,42,43,44,47	Network not available: Try again later.
50	Not a Subscriber: Check the remote party's facility contract.
57,58	Bearer capability not authorized: Check if the line rate is set correctly.
70	Restricted capability: Set the line rate to 56K and try again.
88	Terminal attribute error: Check the connection of the remote system.
91,95-102,111	Protocol error: Turn off and restart the system and try again.
128	H.221 negotiation timeout: Turn off and restart the system and try again.
131	Board mismatch: Check the optional line interface boards.
132	Invalid SPID: Reregister the SPID.
134	Physical link synchronization error: Check the connection of the ISDN cable.
144,145	Bonding negotiation timeout: Turn off and restart the system and try again.
177	LAN connection timeout: Try again later.
178	LAN connection rejected: Try again later.
179	DNS error.
180	Dialing your own number is invalid.
181	GateKeeper error.

By clicking ► [Cause](#) on the left part of the page, you can jump to the “Cause Code” page, and see the Cause Code list.

To display the Call Log

PCS-1
Sony Videoconferencing

Controller Dial/Disconnect Phone Book Setup Info Monitor

Information

go to ...

- ▶ Communi
- ▶ Line
- ▶ Machine
-
- ▶ Cause
- ▶ **Call Log**

Call Log

Start Date	Start Time	End Date	End Time	Duration	Index	Address	Launch	Type	Mode	Rate	Cause
??-??-????	??-??-??	??-??-????	??-??-??	00:00:03	LAN171	43.15.207.171	Dialout	LAN	P-P	1024K	0
??-??-????	??-??-??	??-??-????	??-??-??	00:00:03		3300	Dialout	Bonding	P-P	2 x 56K	16
??-??-????	??-??-??	??-??-????	??-??-??	00:03:48	SONY	3300	Dialout	Speech	P-P	1 x 64K	16
??-??-????	??-??-??	??-??-????	??-??-??	00:00:06		3200	Income	Speech	P-P	0 x 56K	0
??-??-????	??-??-??	??-??-????	??-??-??	00:00:08		3200	Income	Speech	P-P	0 x 56K	0
??-??-????	??-??-??	??-??-????	??-??-??	00:00:00		3300	Dialout	Speech	P-P	1 x 64K	16
??-??-????	??-??-??	??-??-????	??-??-??	00:00:00		3300	Dialout	Speech	P-P	1 x 64K	16
??-??-????	??-??-??	??-??-????	??-??-??	00:00:42		3300	Dialout	Bonding	P-P	2 x 56K	16
??-??-????	??-??-??	??-??-????	??-??-??	00:00:00		3300	Dialout	Bonding	P-P	2 x 56K	16
??-??-????	??-??-??	??-??-????	??-??-??	00:00:03		3300	Dialout	Bonding	P-P	2 x 56K	16
??-??-????	??-??-??	??-??-????	??-??-??	00:00:00		3300	Dialout	Bonding	P-P	2 x 56K	16
??-??-????	??-??-??	??-??-????	??-??-??	00:00:02		1100	Dialout	Bonding	P-P	2 x 56K	16
??-??-????	??-??-??	??-??-????	??-??-??	00:00:05		3300	Dialout	Bonding	P-P	2 x 56K	16
??-??-????	??-??-??	??-??-????	??-??-??	00:00:00		3300	Dialout	Bonding	P-P	2 x 64K	16
??-??-????	??-??-??	??-??-????	??-??-??	00:00:12		3300	Dialout	Bonding	P-P	2 x 56K	16
??-??-????	??-??-??	??-??-????	??-??-??	00:00:00		3300	Dialout	Bonding	P-P	2 x 64K	16
??-??-????	??-??-??	??-??-????	??-??-??	00:00:00		330011	Dialout	Bonding	P-P	1 x 64K	3
??-??-????	??-??-??	??-??-????	??-??-??	00:00:07		3300	Dialout	Bonding	P-P	2 x 56K	16
??-??-????	??-??-??	??-??-????	??-??-??	00:00:06		3300	Dialout	Bonding	P-P	0 x 56K	0
??-??-????	??-??-??	??-??-????	??-??-??	00:00:46		43.15.207.171	Income	LAN	P-P	1024K	0
??-??-????	??-??-??	??-??-????	??-??-??	00:00:13		43.15.207.171	Income	LAN	P-P	64K	0
??-??-????	??-??-??	??-??-????	??-??-??	00:00:02		43.15.207.171	Income	LAN	P-P	64K	0
??-??-????	??-??-??	??-??-????	??-??-??	00:00:06		43.15.207.171	Income	LAN	P-P	64K	0
??-??-????	??-??-??	??-??-????	??-??-??	00:00:06		43.15.207.171	Income	LAN	P-P	64K	0
??-??-????	??-??-??	??-??-????	??-??-??	00:05:00		43.15.207.171	Dialout	LAN	P-P	76K	0
??-??-????	??-??-??	??-??-????	??-??-??	00:04:58		43.15.207.171	Dialout	LAN	P-P	96K	0
??-??-????	??-??-??	??-??-????	??-??-??	00:00:18		43.15.207.171	Dialout	LAN	P-P	384K	0
??-??-????	??-??-??	??-??-????	??-??-??	00:00:24		43.15.207.171	Dialout	LAN	P-P	384K	0

By clicking ▶ [Call Log](#) on the left part of the page, you can jump to the “Call Log” page (only when “sonypcs” has been entered as the user name).

9. Monitor a meeting over the Web



Click the [Monitor] button to show the monitoring window.

Note

When Web Monitor is set to Off in the Administrator menu, the “Monitor” page cannot be used.