

PCS-XG80/XG55

Release Note

Application Ver. 2.14.00

2010/10/15

Sony
CPDG PSG VSS

PCS-XG80/XG55 Release Note

Revision History

| # | Release Date | Version | Descriptions of Changes and Comments |
|---|--------------|---------|---|
| 1 | 2010/02/05 | 2.10 | XG80/XG50 Integrated initial version |
| 2 | 2010/3/11 | 2.11 | <ul style="list-style-type: none"> □ Major additional functions <ul style="list-style-type: none"> - Added support for the WACOM tablet CTH-460/K0. - Added connection feature to PCS-VCS (HD VISUAL COMMUNICATION SERVER) in addition to the PCS-XG80 in 1080i mode (XG80 only). □ Major countermeasures and improvements <ul style="list-style-type: none"> - Countermeasures for black screen occurring when the reception of presentation data from other terminal is completed with the camera menu open. - Correction of operating band frequency to notify the gate keeper. - Correction of the H.239 transmission problem of encryption and decryption from the child terminal, when that child terminal is third-party equipment. - Correction of the connection problem when reception has occurred while in standby, and another reception occurring during the recovery after that. - Corrected the message for conference disconnection to "Please wait". |
| 3 | 2010/7/29 | 2.13 | <ul style="list-style-type: none"> □ Major additional functions <ul style="list-style-type: none"> None □ Major countermeasures and improvements <ul style="list-style-type: none"> - Countermeasures for the problem that contents that have been correctly set in "RGB Monitor Output Format:" are not displayed in the "Video:Basic" screen of "Setup" in the Web Interface. - Countermeasures for the problem that if registration to a normal phone book is performed after the shared address book is used, it looks as though it is not properly registered. - Countermeasures for the problem that the MIC button cannot be operated after it is repeatedly operated while using the PCSA-A7P4. - Countermeasures for the problem that the setup for vertical flipping is not correctly transmitted to the BRC-H700 second camera during recovery from standby or when the power is turned on. - Countermeasures for the problem that images freeze if IP connection continues for nine days. |

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| | | | <ul style="list-style-type: none"> - Countermeasures for the problem that the second camera BRC-H700 may not be recognized. - Countermeasures for the problem that reboot occurs when the status communication is executed by an external control during standby. - Countermeasures for the problem that the reception operation cannot be completed when signals are sent from Windows NetMeeting. - Countermeasures for the problem that with the H.239 transmission, after the image size is changed from 720p to WCIF, it may not return to 720p even when the H.239 transmission stops. |
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1. Application Version 2.14

1.1 General information

This version is Ver. 2.14.

In Ver. 2.14, the following functions have been added, improved, or corrected from PCS-XG80/PCS-XG55 Ver. 2.13.

Added Functions in Ver. 2.14

2.1 Addition of the service command H323KA

- The past models PCS-1/PCS-G70/PCS-G50 series have service commands H225KA and H245KA, but the PCS-XG80/PCS-XG55 series have no corresponding commands. These service commands have been integrated as H323KA and added in this version. With this addition, the transmission interval of messages for maintaining the connection via two types of TCPs (H.225 and H.245) that are used with the H.323 communication can be adjusted in common.

Points Improved or Corrected in Ver. 2.14

When the preset of the remote camera is moved with the numeric buttons on the camera angle screen during communication, subsequent operations get disabled. This problem has been corrected.

- You can resume operations if you exit the camera angle screen, but since you cannot make any operations yourself, you needed to ask the remote party to disconnect the communication. In this version, you can exit the camera angle screen by yourself.
(Problem from Ver. 2.0)

The list in which multiple numbers have been registered with the ISDN circuit class is displayed on the web as a multi-point. This problem has been corrected.

- The remote point number is mistakenly recognized and displayed on the web. The point number needed be set to 1 after that display. This false recognition has been corrected.
(Problem from Ver. 2.0)

It takes a long time to transmit signals automatically after a memory stick is inserted. This problem has been corrected.

- When importing a phone book in the memory stick to the built-in memory of the PCS, 1,000 entries will be recreated. At this time, it takes a long time because a specific parameter for each data is searched in the file in which the PCS setting has been saved. In addition, there are also cases where the specific parameter does not exist in the file, or even if it exists, the recorded position varies in the file, and so the search time varies depending on the data. As a result, the time until the transmission starts varies. As a countermeasure, the process for importing the phone book to the memory has been corrected.
(Problem from Ver. 2.0)

The kanji character code that performs the specific process in the shared address book has been added

- Signals cannot be transmitted to the remote terminal for which a specific kanji character is used in Shared Phone Book (SPB). This problem has been corrected.
(Problem from Ver. 1.0)

The microphone switch (PCS-XG80 only) for PCSA-A7P has been improved

- The MIC button (switching between enable/disable) ignores operations when it is repeatedly operated while PCSA-A7P4 (microphone with a built-in echo canceller) is used. The period of time to ignore operations has been adjusted.
(Improved from Ver. 2.13)

4. Network Environment

4.1 Recommended settings for networks with significant packet loss

- Depending on the network configuration, constantly-found packet loss of 2% or more, or one-way latency of 50 ms or more may cause sent video to freeze. If this occurs, set ARC to "OFF", ARQ to "ON" and FEC to "ON" under "QoS1" on the setting screen.

5. Restrictions

5.1 ISDN Connection

- Presentation cannot be started for 50 seconds after connecting or disconnecting ISDN. This restriction does not occur during LAN connection.
(Restricted from Ver. 2.01.)

Multipoint Connection Including Current Model

- When PCS-1, PCS-G70, PCS-G50, or PCS-TL50 is included as a sub-terminal for an ISDN multipoint connection with PCS-XG80 as the host terminal, set the audio format for all the terminals to G.722, select All as the video format for PCS-XG80, and select Auto as the video format for PCS-1, PCS-G70, PCS-G50, or PCS-TL50.
(Restricted from Ver. 2.00.)

6. Known Issues

6.1 Multipoint connections with current models

- If sub-terminals include a PCS-G70 of the older version, the H.239 function of the PCS-G70 may not operate at the first IP connection after the power turns on. Reconnect the PCS-G70. (Likewise for the PCS-G50) (Problem from Ver.2.00)

This problem has been corrected in PCS-G70 Ver. 2.65 / PCS-G50 Ver. 2.70.

Terminal name display over multipoint connections

- In IP/ISDN-mixed multi-point connection, some terminals may display the wrong terminal name.
(Problem from Ver.2.00)

This is because acquisition of terminal name information is ill-timed among the terminals. We confirm that this problem happens under the following condition:

When another terminal is newly connected over IP during an ISDN point-to-point connection, and it results in an IP/ISDN mixed multi-point connection, the terminal names of the MCU terminals and those of sub-terminals connected over IP cannot be displayed correctly.

Order of disconnection in a cascade connection

- When a cascade connection is made in the order mentioned below, and you disconnect between terminals A and B first during the cascade connection, there are some cases where other connection cannot be disconnected correctly.

Connection order:

1. Set the multipoint mode” to “Auto” for terminals A and B, and connect them for a point-to-point connection.
2. Connect an additional terminal to the terminal A to establish a multipoint connection.
3. Connect another additional terminal to the terminal B to establish a cascade connection.

(Problem from Ver. 2.00)

6.2 When the setup file of the PCS-XG80 is loaded on the PCS-XG55

- Both the PCS-XG80 and the PCS-XG55 have a function to assign an operation to the Function key. With the PCS-XG80, however, if the S-Video input, which has been removed from the PCS-XG55, is assigned to the Function key, the user must change the setting on the PCS-XG55.
(Problem from Ver. 2.10)

Use of the memory stick with a capacity over 4 GB

- Data can be read and written correctly with a memory stick with the capacity of 4

GB or less. However, data cannot be read or written correctly with a memory stick with a capacity over 4 GB. Use a memory stick with a capacity of 4 GB or less.
(Problem from Ver. 1.0)

7. Updates

7.1 Cautions when updating

Take the following precautions when updating.

Perform updates when the power supply is reliable. If a power outage occurs during an update, the update will not complete properly and the system may not be able to start up.

Some sales samples cannot be upgraded with this software successfully. If you experience such a problem with the sales sample where software for sales sample was installed, please contact us.

The firmware file differs between PCS-XG80 and PCS-XG55 as follows.

PCS-XG80 : bellini02XXXX.upd

PCS-XG55 : Lbellini02XXXX.upd

Note that PCS-XG80 software cannot be installed into PCS-XG55 and vice versa.

Updating with a memory stick

Procedure for updating with a memory stick

Follow the procedure below to complete an update.

1. Prepare a memory stick (512 MB or larger)
 - * Files to be used: [**bellini21400.upd**] or [**Lbellini21400.upd**]
2. Copy the files listed above into the root directory on the memory stick. Use the write-protect function on the memory stick, if there is one. There is no need to format the stick for use with PCS-1/G70/G50.
3. Insert the memory stick into the device and turn on the power.
4. The application will start and the progress screen will appear.
5. The device will automatically restart when the update is complete.
6. The home screen will be displayed when the device has restarted. Confirm that the host version is **2.14.00**.

Updating from the Web

Procedure for updating from the Web

Follow the procedure below to complete an update.

1. Open a web browser and log in to the device.
2. Select the “Setup” tab.
3. Click the “Version Up” button in the lower left of the browser window.
4. The version up screen will appear. Specify the update file.
* Files to be used: [**bellini21400.upd**] or [**Lbellini21400.upd**]
5. Click the “Upload” button after specifying the file.
6. File transfer will begin and “File Uploading ...” will be displayed.
7. When the file has been uploaded, a message saying “Uploading upgrade files to PCS-XG80 has been completed. You may shut down your browser. Installation procedures for PCS-XG80 start soon. Never power off the unit during installation. After the completion of installation, PCS-XG80 restarts automatically.” will appear and the update progress screen will appear on the device.
8. The device will automatically restart when the update is complete.
9. The home screen will be displayed when the device has restarted. Confirm that the host version is **2.14.00**.