



Broadcast Products Technical Bulletin 20-2011-067

DATE: **June 27, 2011**SUBJECT: **SOFTWARE UPGRADE—VERSION 1.10**MODEL: **HDC-P1//U**

SERIAL NO:

HDC-P1//U 100,001–100,312

DESCRIPTION

Software version 1.10 is available. This upgrade contains the following software versions:

AT ROM	V1.10
DPR1 PLD	V1.02
DPR2 PLD	V1.01
IF PLD	V1.01

ORDERING INFORMATION

Contact your Sony regional service center to arrange for upgrade of this software, which requires specialized skills and equipment. The following document lists all contact telephone numbers:

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NEW FUNCTIONS

- Embedded command communication is supported between HDC-P1 and HDFA-200 with HD-SYNC and HD-SDI signals.
- The character embedded function is supported. This function superimposes VF characters on the main line video signal to enable control of the HDC-P1 menu from the HDFA-200 VF menu.
- The Channel ID function adds a character signal to the main signal line, enabling identification of the right camera image and the left character image from SDI OUT for CCU and HDFA-200.
- A function is added to disable the Genlock Phase adjustment from HDC-P1 when connected to HDFA-200. When HDC-P1 is used in a standalone configuration, the setting is returned to the Genlock Phase default setting.
- The CONNECTION page is added to the Service menu to monitor the communication status of embedded command communication.
- Linkage operation with the MPE-200 multi-image processor is supported. When a lens that supports serial data communication is installed, the lens focal length, zoom position, and iris data are superimposed as metadata on the HD-SDI signal (for SDI-1 output only).

HDCM10-044R

- The HDC-P1 menu can be controlled from the RM. RM-B750 and RM-B150 support this menu control function. For RM-B750, set SW Setting > Menu Control to CAM VF mode.

PROGRAM IMPROVEMENTS

- When ABB is executed on 720-59.94P/50P, the SDI1-2 output signal is no longer interrupted, and image synchronization is no longer lost.
- Image inversion is no longer cancelled when the TEST SAW or color bar signal is selected in image inversion mode. Previously, image inversion was canceled, which resulted in a loss of synchronization in the main video line.