

## **Release Notes 2018/8**

### **Production Control Software PWA-PRC1 Version 2.5**

#### **[Overview]**

The PWA-PRC1 is the application software that controls the PWS-4500 Multi Port AV Storage Unit or BPU4800 Baseband Processor Unit to provide slow-motion playback of live video and basic clip/playlist management functions.

The PWSK-4403 connects to the computer on which PWA-PRC1 is installed using a USB connection, and controls the PWS-4500/BPU4800 using the software-controlled “soft” buttons, the fader lever, and the jog dial of the PWSK-4403 control panel.

This configuration allows operators to control slow-motion playback speed, search for video images, cue marked positions, perform cutout edits, and control other functions while monitoring the video on a computer display. It also enables created clips to be selected from a list for playback or copying and for registering in a playlist for highlight editing.

PWA-PRC1 V2.5 is able to install PWS-100PR1/PWS-110PR1, PWS-100MG1.

#### **[Version Information]**

PWA-PRC1: V2.5 (V2.5.0.644)

PWSK-4403 driver: V1.0 (V1.0.0.0)

Related products:

MSQ-S321: V1.36

PWS-4500: V2.5

PWA-MGW1: V2.5

BPU4800: V1.4

PWS-110CM1: V1.0.3

#### **[New Features]**

The following new features are supported on V2.5.

- Multi playlist (Follows are available)
  - Playout two different playlists with one PWSK-4403 controller in PGM1&PGM2
  - Keep playout clip when switch from clip mode to PL mode
  - Create clips on PGM2 while playing a playlist on PGM1
- Add a clip to a playlist which is now playing
- Drag & Drop of CAM A~F source of Mini Viewer into Viewer

- Support ProRes HD LT format

### [Improved Features]

The following features are improved on V2.5.

- Response speed improvement
  - Improvement of the stop smoothness in the JOG stop operation
  - Response speed improvement changing FWD and REW operation in JOG
  - JOG speed curve is selectable from frame by frame and real time in the HFR Jog mode
- Being able to set different in points for each angle of a camera in order to prepare the next replay from several angles
- Add the function which shows the next frame of OUT point as out point display
- Display improvement of Char Super PWS mode
- Set Page/Bank in PRC push mode
- The following functions are available when the playback ports on a PWS-4500 are set to HD Multi-Output and DNxHD or ProRes format is being used
  - Preview control mode
  - Effects in playlist
- Improvement in Playlist mode
  - Not entering to playlist mode when selecting the Bank PL
  - Improvement of the current clip position on Storyboard during playing
  - Change the thumbnail size on Playlist for showing more clips
  - Being able to set a split value in the range from the start to the end of the clip
  - Real TC countdown for Playlist when the playback is done by fader lever
  - Default speed for HFR clip is selectable
  - In case of using BPU4800 as local server, XAVC files which were copied to BPU4800 can add to playlist.

### [Fixed Issues]

The following issues are fixed on V2.5.

- In case of "Character super" was set to PWS, sometimes the character information were not correct when operated [PLST] → [RECORD] → [PLST] quickly in Panel
- It cannot modify In/Out points of clip loaded during creating, but, in the case of the clip which was created from mapping network cam, the modification was possible, and a value became incorrect
- When starting the PWA-PRC1 application, error message "DipSW setting on MSQ-S321 are not correct. Please check these DipSW setting." was rarely displayed.

[Note]

- PWA-PRC1 Installation Guide is same as v2.4, because procedure does not include modifications.
- Video format needs to be same on every port.
- In Web menu of PWS-4500, System screen, Remote tab, set all menu items in Remote Protocol to "VTR/DISK". (Default is "VTR/DISK")
- Rebooting the PWA-PRC1 application software is required when the local server setting is changed.
- PWA-PRC1 which can access the material of one Network Server at the same time by the Share Play is maximum two in 4K mode, maximum four in HD mode. (The maximum number decreases in case of some IO Config or format.)
- In case of restarting PRC manager when the server is in Share Play condition, restart all the servers.
- When Loop Recording is active, it keeps on recording repeatedly by overwriting a specified area. Therefore, overwritten cue points that were marked within the specified area cannot be cueuped.
- During loop recording, recorded record train files are deleted after a fixed interval has elapsed. If operating a recorded record train when deletion occurs, operating will no longer be possible. To preserve important material, you should save the material as a clip beforehand.
- During loop recording, files deleted due to loop recording may appear in the recorded record train settings dialog. If a deleted file is selected, it cannot be loaded into the PGMs. To remove the deleted files from the list, restart the application.
- The duration of Clips needs to be more than 10 frames and less than 12 hours.
- When loading clip which is creating, only Search and Playback control can be done.
- During Share Play control, auto still is not accurate such as Out point, Cue Markers, Still zoom, etc.
- Except for the Live Mode, angle selection by the soft button of the PWSK-4403 is the feature which allows operators to instantaneously access to the position that is synchronized with the position that the soft button was pressed at. Therefore, the material being played back will be cued up to the corresponding position after the angle selection.

- In 2PGM mode, synchronization of the multiple PGMs by the Jog is not guaranteed. PGM1's Mark point is used for the synchronization.
- In Preview control mode, two clips will be controlled separately. So that real time TC will be unsynchronized between different frame rate such as normal speed and HFR.
- When multiple PGMs are selected, "CALL" function recalls all the related PGM clips.
- Using network clip/playlist in local playlist
  - Using 2PGM mode, set "Share Play Tx:Rx Port Setting" in the web menu of local server to 1:3, network server to 3:1. Depending on the format, it is not possible to set Tx to 3. When the Next clip is a network clip during playback the playlist, PGM2 becomes "Close". In this case it sometimes becomes a dummy clip when replacing with the network clip by Other Angle function. Sometimes it becomes possible to Share Play by exiting and reentering playlist mode at this time.
  - Need to set the copy destination page at the "Network/PL clip save page" of local server in Settings menu.
  - When the server is connected to PRC Manager, Name "VFLFILLERCLIP" and "VFL(date)(time)" files are automatically created in the server for dummy clip of playlist. Please do not delete these two files. If these files were deleted, restart the server.
- When I/O mode setting in the web menu of PWS-4500 is set to NMI mode, melt function is not available.
- When Master Audio is set in PWS-4500, melt function is not available.
- While any of application software is controlling the PWS-4500/BPU4800, occasionally thumbnail acquisition is not successfully performed. In that case, the icon which indicate ion of the thumbnail display area becomes an unacquired icon.
- When performing Cut Out using the 4K Format material, Zoom 100% becomes QFHD (3840x2160).
- During Cutout with Still Zoom, any other clips cannot be deleted.
- In case of Cutout configuration, the settings item "Character Super" is set to "PRC mode".
- During Cutout with Still Zoom for HFR clip, playback speed becomes HFR slow with Lever 100%.
- When Mark Cue Points is set to Live, the Cue Mark function cannot be used while a recorded record train is active.
- The Rst CAM feature functions only to Record Train. However, it does not when loading Clip.
- In case of 2PGM Mode, when choosing the following cam angle in PGM1, the delay in Live mode becomes the same as that of the setting "From Storage Only" even if it set "Shortest

Delay” for the setting of Time Shifted Play of Server.

In case of HD HFR 1in: CAM A

- When set Port Type of the output port of PWS-4500 to Output , the chasing delay becomes the same as that of the setting “From Storage Only” even if it set “Shortest Delay” for the setting of Time Shifted Play of Server.
- When booting up the PWA-PRC1 application, the splash screen continues to be displayed on rare occasions. When it occurs, please check whether error dialog indication is hidden behind the splash screen. Please also check from the task bar.
  
- Disconnecting and reconnecting a sub monitor cable while the PRC1 is operating may cause the sub monitor display to appear on the main display. If this occurs, press the [Update] button under [GUI and panel links] on the Settings screen to identify the sub monitor and update the connection status.
- Although the mouse cursor will be able to move onto sub monitor, use in the main display. When the mouse cursor is on the sub monitor, the confirmation dialog is not displayed at the center of the main display.
- When archiving the Link Clip, execute Copy to Local function first.
  
- In case of using BPU4800 as local server, error indicator on GUI is not supported even when the reference signal input is not correct.
- In case of recording with audio on BPU4800, audio is output only when playback by Play key.
- In case of changing the format settings on BPU4800, exit PWA-PRC1 first. And start PWA-PRC1 more than one minute after changing the settings.
  
- When performing quick operation, occasionally the PWS-4500/BPU4800 becomes unresponsive. In this case, try to repeat the same operation once again.