UBC STANDARD PLUS

USER GUIDE

(UBC PLAYER)
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The UBC Standard is composed of UBC Player and UBC Studio. The UBC Player plays a broadcast by receiving schedules and contents. And the UBC Studio can organize, search and edit broadcast and upload contents. In this manual, it will explain about the UBC Player.

1. Introduction of the UBC Player

The UBC Player is the software which can receive the contents and the schedules and plays a broadcast. The UBC Player consists of the following two parts.

① Main menu – It consists of three menus, Channel Service, Studio Service and Setting Service. Through these menus, you can play the broadcast, execute the UBC Studio and set the configuration.

② Browser – Through this software, UBC Player can display contents on screen.
2. Main menu

Main menu is consists of the following three parts.

① Channel Service : Set, play and stop the channel
② Studio Service : Execute the UBC Studio for scheduling, previewing, designing, and exporting the broadcasting contents
③ Setting Service : Set the configuration, such as Display, Network, Monitor, Mouse, Process and etc.

To get more detail information of the Studio Service, refer to the UBC Studio manual, this guide will explain the information about only two menus, the Channel Service and the Setting Service.
2.1 UBC Start and Stop

System Boot

The booting of the UBC system means that the hardware (e.g., DID : Digital Information Display) and the software are turned on together. As the power is on, the UBC software automatically starts.

If the UBC system is booted, the following screen appears.

![UBC Home Screen]

Note: If it is set to start broadcasting automatically, the screen above will not appear but the broadcasting screen will directly appear. In this case, press F12 button, then the broadcasting screen will be minimized and the screen above will appear. And if you want to stop broadcasting, press the Service Stop button in the UBC HOME.
**Service Start**

The UBC Service automatically starts as the UBC system boots and the auto-play channel is broadcasted if it exists. (☞ Refer to the Channel service chapter about the auto-play setting.)

**Service Restart**

If it is necessary, press the Service START button, then the UBC Service will be restarted and the auto-play channel will be broadcasted if it exists.

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**Starting Broadcasting**

There are three methods to broadcast (play the channel) as follows. Channel schedule must be set before it operates.

**One,** Turn on the power after setting the channel mode to “Auto” in the Channel Service. (☞ System Boot)

**Two,** Press the Service START button on the UBC HOME after setting the channel mode to “Auto” in the Channel Service. (☞ Service Restart)

**Tree,** Press the Play button after selecting (clicking) the channel you want to broadcast in the Channel Service. (☞ Play the channel)
**Service Stop**

“Service Stop” means stopping the software process. If you press the Service STOP button in the UBC HOME, the UBC service will be stopped, that is, broadcasting will be stopped and all related processes will be stopped.

![UBC HOME – Press “Service STOP” Button]

**Stopping Broadcasting**

There are two methods to stop broadcasting as follows.

**One,** Press the Service STOP button in the UBC HOME. (☞ Service Stop)

**Two,** Press the Stop button after selecting (clicking) the channel you want to stop in the Channel Service. (☞ Stop the channel)

**System Reboot**

Click the [System Reboot] icon on the lower section of the UBC HOME, and then the system will be restarted.
**System Shutdown**

Click the [System Shutdown] icon on the lower section of the **UBC HOME**, and all processes of the software will be stopped and the system will be shut down.
2.2 Channel Service

Introduction of the Channel Service

Select the Channel menu in the UBC HOME, and the following Channel Service screen will appear.

In the Channel Service, you can set the channel, it provides you the feature to handle begin and end of the channel. And you can manage the channel with following features.

1. PLAY: You can play the channel you want to broadcast.
2. STOP: You can stop the channel you want to stop broadcasting.
3. AUTO: You can set the channel mode to “Auto” then the channel will automatically start as the system boots.
4. Modify: You can set the channel schedule and manage the list of schedules.

What is the channel setting?

You must assign the schedule to each channel before you start broadcasting. Basically 8 channels are available per one display. If the device has two displays, you can assign the schedule to each of displays.
Initial setting of the channel

In the Channel Service, you can see the 8 channels from ch1 to ch8 in the Display1 tab, the channels assigned no schedule are labeled “None”.

If the device has two displays, the Display2 tab will be active and you can assign the channel to each of displays.

A flow of setting channel is like follows.

① In the Channel Service, Press the Modify button after selecting the channel that you want to set a schedule.
② The CHANNEL MODIFY screen appears and the list of the broadcasting schedules is displayed. If problems occurred, press the Refresh button then a newly updated list will be displayed again.

③ Select the schedule you want and press the Apply button, then the selected schedule will be assigned to the channel. The selected schedule will be viewed in red as following.

If you want to deselect it, press the Apply button after selecting it again, then it will be viewed in original color.
If you want to finish setting the channel, Press the Exit button, you can go back to the Channel Service screen,

④ In the Channel Service, you can check the schedule is assigned to the channel through following example. The name of the schedule is displayed on the channel.

※ Example : The schedule “QUICKGUIDE” is assigned to Ch1.
Modifying the channel

① In the Channel Service, Press the Modify button after selecting the channel to modify.

② The CHANNEL MODIFY screen appears and a list of the broadcasting schedules is displayed. The assigned schedule in the selected channel is displayed in red.
③ On the list, select the schedule to change and then press the **Apply** button, and the area of the selected schedule become red and setting is changed.

![CHANNEL MODIFY]

Press the **Exit** button, then you can go back to the **Channel Service** screen.

④ In the **Channel Service**, you can check the changed schedule name as following example.

※ Example: The schedule of Ch1 is changed from "QUICKGUIDE" to “foo”.

![Channel Service]
Setting the channel to “Auto”

The channel set to “Auto” is automatically broadcasting as the system or the service starts. In the Channel Service, select the channel to set mode to “Auto” and press the AUTO button, and the “Auto” mark appears on the channel set to “Auto”.

Note: You can set the only one channel to “Auto”.

If you want to set channel mode from “Auto” to “release”, select the channel set to “Auto” and press the AUTO button, and the “Auto” mark on the channel will be disappeared.
Playing the channel (Start Broadcasting)

In the Channel Service, select the channel to play and then press the PLAY button, then the selected channel will be playing (starts broadcasting). At this time, if other channel was playing, it will be stopped automatically and the recently selected channel will be playing.

The icon of the playing channel is active as following picture, that is, the color of the icon is changed from gray to special color. (※ A different color is assigned to each channels.)
**Stopping the channel (Stop broadcasting)**

In the **Channel Service**, select the channel to stop and then press the **STOP** button, and the selected channel will be stopped (broadcasting is stopped).

![Channel Service Image](image)

Note: If you press the **PLAY** button or the **STOP** button without a selected channel, this following alert message will appear and it will disappear soon.

![Select Channel First Image](image)
Managing the schedule

In the CHANNEL MODIFY, you can ‘set’ and ‘change’ the schedule as well as ‘import’, ‘export’, ‘delete’ and ‘restore’ it.

① Deleting the schedule

In the CHANNEL MODIFY, Press the Delete button after selecting the schedule to delete, then delete confirmation dialog box will appear. Here, if you press the OK button, the selected schedule will be deleted.

![CHANNEL MODIFY interface](image)

![Delete confirmation dialog box](image)
② Recovering the schedule
The deleted schedule is kept in the wastebasket, so you can recover the deleted schedule. Press Recover button on the top of the screen in the CHANNEL MODIFY, and the following wastebasket (Recover Deleted Schedule) window will appear. Here, press the OK button after selecting the schedules to recover, then the selected schedules will be recovered. If you want to empty the wastebasket, press the Delete All button, then all schedules will be deleted completely.
③ Importing the schedule from USB

In the CHANNEL MODIFY, press the Import from USB button on the top of the screen after inserting the USB memory with the schedule file into the port on your computer then the schedule files in the USB memory are displayed as following picture. Here, press the select button after selecting the schedule files to import, then the selected schedules will be imported to your system from the USB memory.

Note: After importing process, the imported schedule plays directly and it is set mode to "Auto" automatically.
④ Exporting the schedule to USB
In the CHANNEL MODIFY, press the Export button on the top of the screen, then the schedule files in your system are displayed as following picture. Here, press the select button after selecting the schedule files to export, and all external media connected to your computer are displayed, and then if you select the media to export to, the selected schedule files are exported to the selected media.
cef Importing from the server
In the CHANNEL MODIFY, press the Server Import button, then the Import from Server window will appear. Press the OK button after inserting the name and the description of the schedule to import, then the inserted schedule will be imported to your system from the server.

Note: Ask the name and the description of the schedule you want to import to the system administrator.
2.3 Setting Service

Introduction of the Setting Service

In the HOME, select the Setting menu, the main screen of the Setting Service will appear.

![UBC HOME]

![Setting Service main screen]

The Setting Service includes the following functions.

1. **Display Setting**: You can set the fitting size of the movie to play.
2. **Device Setting**: You can set the network, your monitor resolution, and the sound.
3. **S/W Update**: You can update the software manually.
4. **Key Registration**: You can register the Register Key and reinstall the options.
5. **Daily Auto Shutdown**: You can set the time for auto shutdown.
6. **Mouse Effect**: You can decide whether to display the mouse cursor while the movie plays.
7. **Process Management**: You can manage the software processes.
**Display Setting**

In this menu, you can set the broadcasting screen ratio.

- **Full Screen**: Movie plays with a full screen size regardless of the original size.
- **Source Ratio**: Movie plays with keeping a original screen size ratio of it.

**Device Settings**

In the Setting Service, select the Device settings menu.

The following UBC Device Wizard window will appear and the functions of each menu are as following.

- **Display**: You can set the resolution of your monitor.
- **Network**: You can set the network.
- **Network Test**: You can test the connect status of your computer and the server.
- **Sound**: You can set the sound volume.
- **Exit**: You can go back to the Setting Service main screen.
Monitor Setting

Press the Display icon, the following screen will appear.

In the following Display Wizard window, you can adjust the resolution with the arrow buttons or the scroll bars in the Resolution area. (You can adjust it with using the arrow key on your keyboard after selecting a scroll bar between the width and the height.)
In the window above, you can select between two options, the **Fixed Aspect Ratio** and the **Free Aspect Ratio**, about the monitor resolution in the **Option** area. Whenever you click the option image, each option is displayed one after the other.

- **Fixed Aspect Ratio**: If you select this option, you can adjust the resolution with one of the 24 fixed ratio from 640 X 480 to 2038 X 1536 (unit : pixel)
- **Free Aspect Ratio**: If you select this option, you can adjust each size of the width and height from 480 pixel to 2048 pixel.

After adjusting the resolution, press the **Apply** button, then your monitor screen will appear with changed resolution and the **Display Change** dialog box will appear in the center like following picture. （※ Note: If you set the resolution that your device does not support, the alert message will appear.）
Here, if you press the **OK** button, selected resolution will apply to your monitor. However if you do not press the any button within 30 seconds, the monitor screen will go back to original resolution.
Network Setting

Press the **Network** icon, the following **Network Wizard** window will appear and these setting values are as same as them of your system.

In the **Network Wizard**, if you want to change the values, press the **Apply** button after changing the values, then the following dialog box will appear.

To check if the network is set properly, press the **Network Test** button in the **Network Wizard** or press the following **Network Test** icon in **UBC Device Wizard**.
If the network is set properly, the following **Network Test** window will appear. If not, please check the physical network line and set values again or ask the system administrator. There must be some problems related to network setting.
Press the **Sound** icon, the following **Sound Wizard** window will appear. In the **Active Sound Display** area, you can select the display you want to control. If the device has two displays, both **Display A** and **Display B** are active and you can check both.

You can control the sound volume in the **Sound Control** area.
**S/W Update**

The software updates automatically when your system boots and while the service is in progress it also updates periodically. But, if the network is wrong, the software will not update properly. In this case, after network is restored, you can update the software manually in the **S/W Update** menu.
Key Registration

The Registration of the product key is used in case you want to check the registration status or change the product key. Please do not change the product key because it is generally assigned when it manufactured. But, if necessary, insert the key and press the Submit button in the following window then the key will be changed.

In the above window, you can reinstall with additional options. Check the items and press the Finish button, then checked items will be reinstalled.
Daily Auto Shutdown

You can set the time that the system is shutdown automatically every day at the same time.

In the Daily Auto Shutdown menu, set hour and minute and press the APPLY button.

Mouse Effect

You can decide whether to display the mouse cursor on the movie or not while the movie plays. In the Mouse Effect menu, you can select the one out of 2 options, the Mouse SHOW and the Mouse HIDE.

- Mouse SHOW : Mouse cursor is displayed while the movie plays.
- Mouse HIDE : Mouse cursor is not displayed while the movie plays.
Process Management

The Process is the software that composes the UBC system. The UBC system is consist of many processes and you can manage them in the Process Management menu.

If you select the Process Management menu, the following UBC Starter window will appear and the active processes will be displayed in blue color.

Here, you can add, start and stop the process and review the status of the process.

Note: This function is for system administrator, so for regular users do not use this menu preferably.
Browser

2.4 Introduction

The browser is the displayed screen when the broadcast plays.

2.5 Operation and Controlling of the browser

You can control the browser with the hot keys. The hot keys are as following items.

Minimizing the browser

You can minimize the browser by pressing the F12 key as follows.
Moving the layout
- Page Dn : Moving to the next layout
- Page Up : Moving to the previous layout

Moving and Pausing the Schedule
- Right Arrow : Moving to next schedule.
- Pause : preventing from moving to next schedule

Viewing the Help
You can view the Help as a follow widow by pressing the F1 key
Reviewing the schedule information

When the browser is active, if you press the F2 key, you can review the schedule information as a following window.

Check the browser layout and changing contents

When the browser is active, press the F3 key, then you can check the browser layout as following screen.
In the left above screen, if you click it after selecting a frame, the **Change Contents** window will be appear as a right above picture. Here, you can change the contents file. (Browse the file -> Select the file -> Click the change button)

**Check the Information**

When the browser is active, if you press the **F9** key, Information such as current time, layout number, the network connection status, etc are displayed.

**Restarting the browser**

If you press the **Ctrl+Q** key, the active browser will be restarted.

**Closing the browser**

If you press the **ESC** key, the active browser will be closed and the browser will be restarted after a minute. If you want to close the active browser completely, press the **Service Stop** button or press the **STOP** button after selecting the active schedule in the **Channel Service**.