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HQP-IEditor Playlist Editing Software User Manual

R1.4

2012 September

Revise1.2

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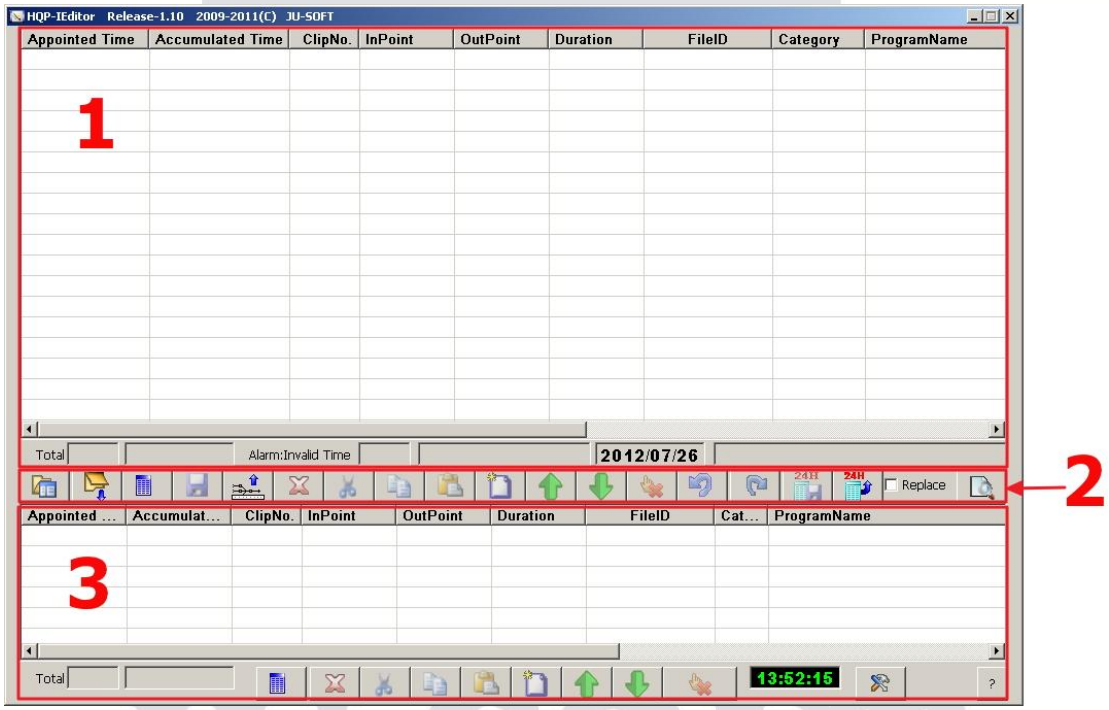
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Introduction of HQP-IEditor Scheduling Program System

1. HQP-IEditor Main Window

HQP-IEditor is a scheduling program that supports the HQP-1000 high definition television broadcasting system. It can link to the HQP-1000 program database and carry out playlist editing, as well as supporting remote database connections. The main window may look like the following:

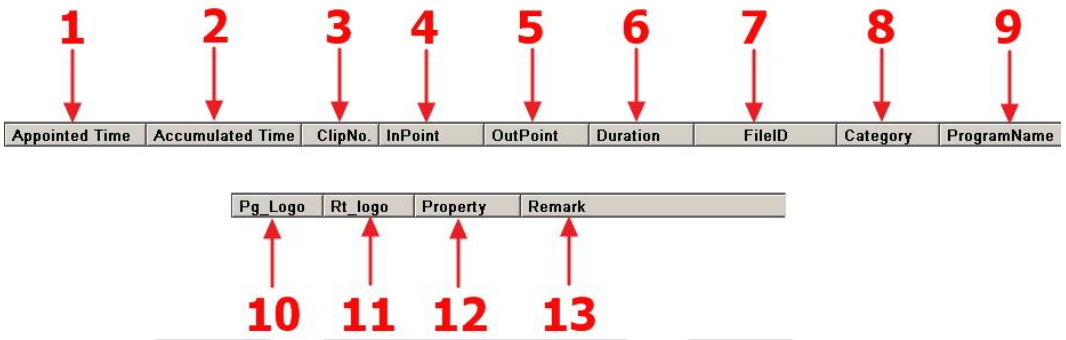
• Operating Interface



〔1〕. Schedule playlist
〔2〕. Tool bar
〔3〕. Schedule cache

1.1 Playlist Editing Area

1.1.1 Columns of the playlist



【1】 Fields

(1.1) Appointed Time: You can appoint specific time for a video clip. Double click the field to reset play time.

(1.2) Accumulated Time: It shows the play time of each clip accumulated for the appointed time of the first clip.

(1.3) Clip No.: Sequential numbers are given to video clips for the convenience of examining clip order. However, the numbers don't belong to the clips.

(1.4) InPoint: Double click this field, and then can set the starting point to broadcast the clip from any part of it.

(1.5) OutPoint: Double click this field, and then can set the ending point to stop the clip from any part of it.

(1.6) Duration: The playing length of this program list.

(1.7) Field ID: 9 digit ID number generated by VLib when the clip is imported to the database. Users are not allowed to edit it.

(1.8) Category: It displays the category of each clip represented by letters.

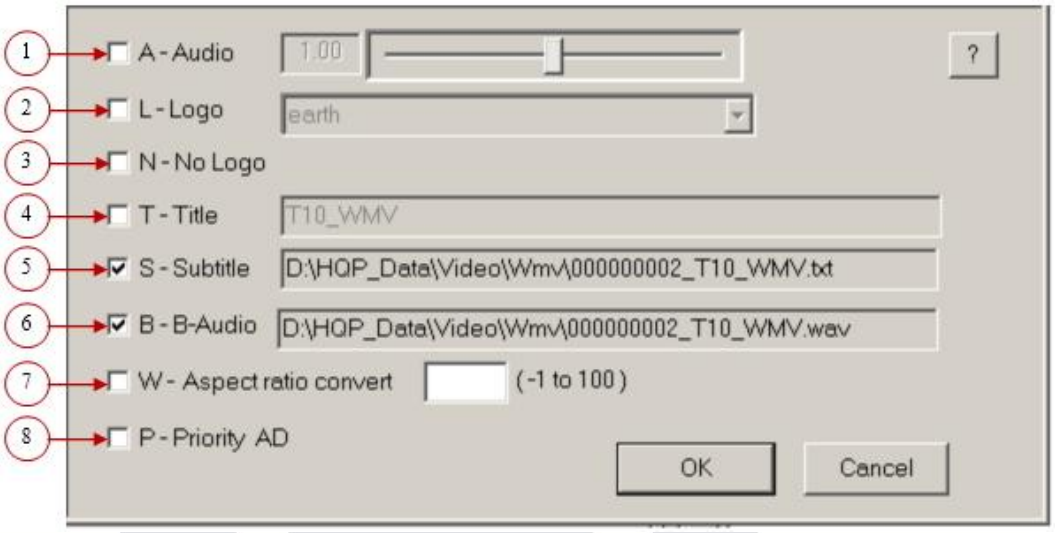
(1.9) Program name: The name of the clip. It can be set as title and shown on the screen. Double click to change the name.

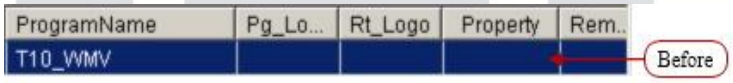
(1.10) Pg_logo: Double click to cancel or change Targa file of the program logo of the clip.

(1.11) Rt_logo: Double click to cancel or change Targa file of the rating logo

and title.

(1.12) Property: Double click to set properties of each clip such as volume, channel logo and title.

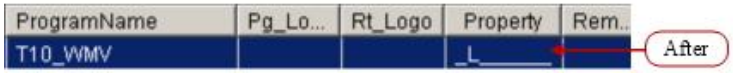




① 

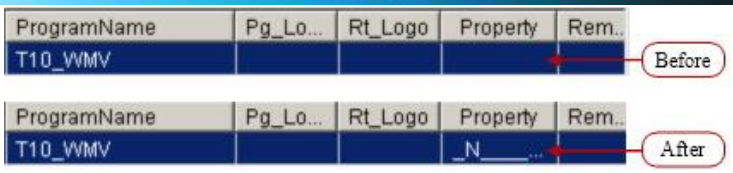
After the box is checked, users can adjust the volume of the selected clip by dragging the toggle, and the letter "A" will be shown on Property field.



② 

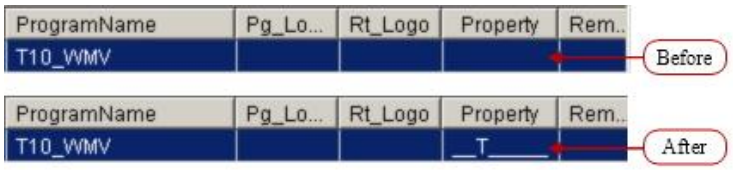
After the box is checked, users can change "channel logo" from the drop down list, and the letter "L" will be shown on Property field.

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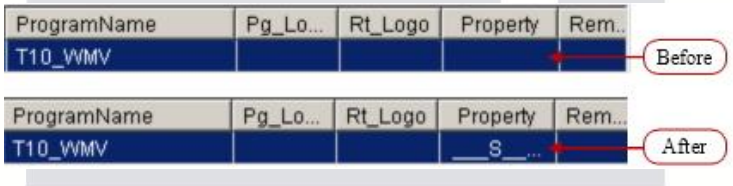
③

After the box is checked, “channel logo” will not be shown on the screen, and the letter “N” will be shown on Property field.



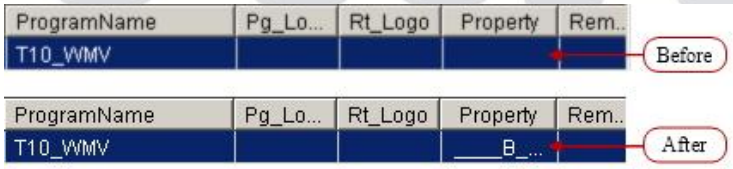
④

After the box is checked, Program Title will be shown on the screen, and users can edit the title from the box on the right side. The letter “T” will be shown on Property field.



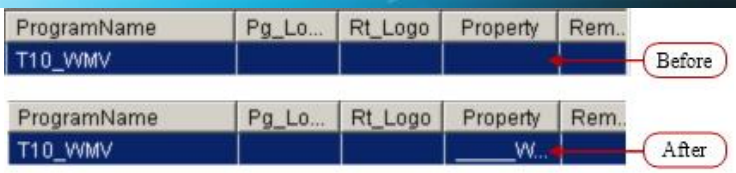
⑤

After the box is checked, Subtitle will be overlaid on the video, and the letter “S” will be shown on Property field.



⑥

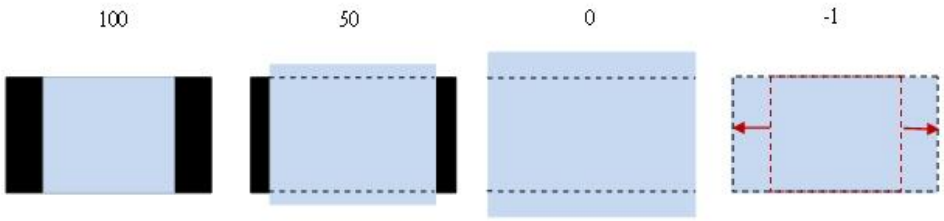
After the box is checked, the “secondary language audio file” will be attached with the video clip, allowing users to broadcast Dual Language Program in a “four-channel” audio format, and the letter “B” will be shown on Property field.



⑦

After the box is checked, users can adjust the parameters to change "Aspect Ratio", and the letter "W" will be shown on Property field.

Example of Aspect Ratio Conversion Parameters

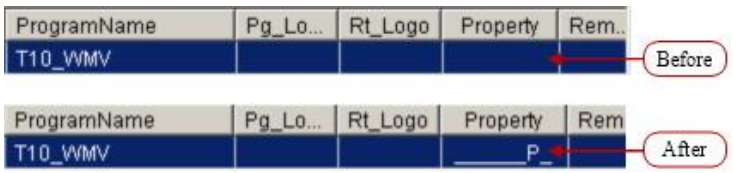


1) "100": Keep 4:3 format and display it originally on 16:9 screen, and two vertical black bars will be added on both sides of the video to fill up the remaining part of the screen. The vertical size of the video is preserved.

2) "1~99": Small parts in the top and the bottom of the video will remain off the screen. HQP will cut video image which exceed screen boundary (top and bottom). Thinner black bars will appear on both sides.

3) "0": The horizontal size of the video will be preserved. Video will be cut equally on the top and in the bottom.

4) "-1": The vertical size of the video will be maintained. Video will be expanded equally toward the left and right side. The original ratio will be changed.



⑧

The change will show on the "Property" column of the clip we just select.

(1.13) Remark: Enter any text in the remark field.

【2】 Introduction of background colors in the playlist

Clips may be presented in different background colors

Appointed ...	Accumulat...	ClipNo.	InPoint	OutPoint	Duration	FileID	Category	ProgramName
1.	00:00:00:00	1	00:00:00:00	00:00:20:00	00:00:20:00	000000006	B. commercial AD	CM-1
2.	00:00:20:00	2	00:00:00:00	00:00:19:29	00:00:19:29	000000007	B. commercial AD	CM-2
3.	00:00:39:29	4	00:00:00:00	00:01:00:02	00:01:00:02			@Live[2]-Live-in
4.	00:01:40:01	5	00:00:00:00	00:01:00:02	00:01:00:02			@LoopStart
	00:02:40:03	6	00:00:00:00	00:00:20:00	00:00:20:00	000000008	B. commercial AD	CM-3
	00:03:00:05	9	00:00:00:00	00:00:00:00	00:00:00:00			@LoopEnd
5.	00:03:00:05	3	00:00:00:00	00:10:00:00	00:10:00:00			@Blank-Blank

〔1〕. White is the default setting for all program of category.

Note: Background colors of the clips can be defined according to category by clicking the Setup button “”, and there is more details in Chapter 3.

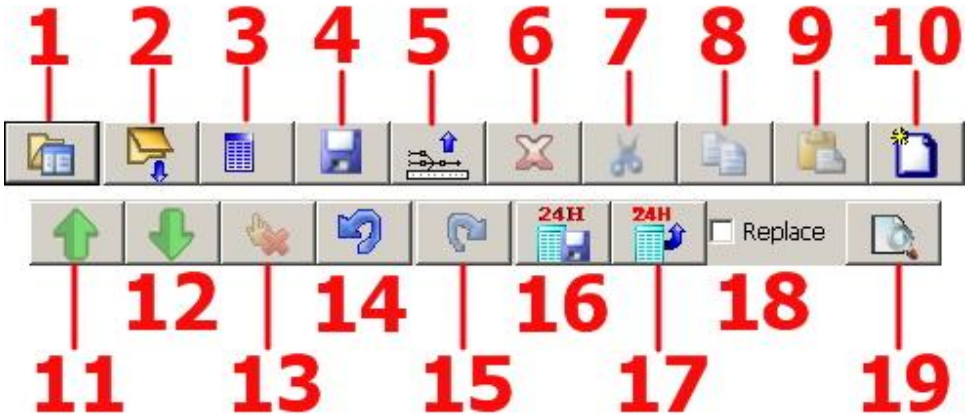
〔2〕. Blue indicates the currently selected clip.
〔3〕. Orange indicates the “live program”.
〔4〕. Red indicates the start and end of the “loop block”.
〔5〕. Pink indicates the virtual “blank clip”

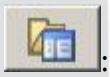
1.1.2 Display area



〔1〕. It displays the total number of program lists and length in the program list.
〔2〕. A program list that displays designated times and accumulated times that differ. Displays the play number, difference in time, and program title.

1.2 Editing tool



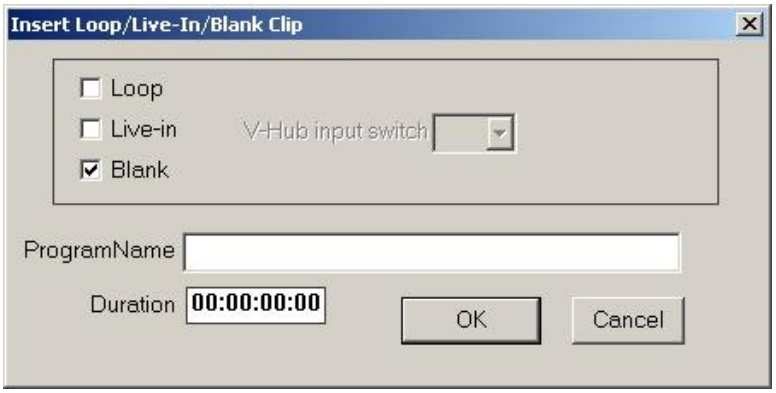
〔1〕. : Add clip(s) from the VLib database.

〔2〕. : Add clip(s) by using file explorer.

〔3〕. : Reads scheduled playlist files saved disks. Select to replace schedules or add to current playlist.

〔4〕. : Click to save the current playlist.

〔5〕. : Open a dialog to insert a “Loop Block”, a “Live-in”, or a “Blank” clip.



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〔6〕. : User can select one or more clips on the main screen, and then press“” to delete the highlighted program list.

〔7〕. : User cam highlight clip(s) through single click or by multiple selections, and then press“”to cut the program list(s) onto the clipboard.

〔8〕. : User can highlight program list(s) through single click or by multiple selections, and press“”to copy the program list(s) to the clipboard.

〔9〕. : Press “” and “”button to cut the selected program list onto the clipboard, and then use the mouse to highlight another program list slot (highlighted), then press “” to insert the program list on the clipboard in front of the highlighted program list. If program list is not highlighted before pressing “”, then it is pasted to the bottom of the playlist.

〔10〕. : Open an empty playlist.

〔11〕. : Highlight a program list, and then press“”to move the highlighted program list upwards to adjust the order of the program list.

〔12〕. : Highlight a program list, and then press“”to move the highlighted program list downwards to adjust the order of the program list.

〔13〕. : Cancel selection of program list.

〔14〕. : Restore, restore to previous editing of program list.

〔15〕. : Cancel restore, reverse restore process.

〔16〕. : Save the currently edited playlist (24hr) onto disk.

〔17〕. : Read saved playlist (24hr) on disk.

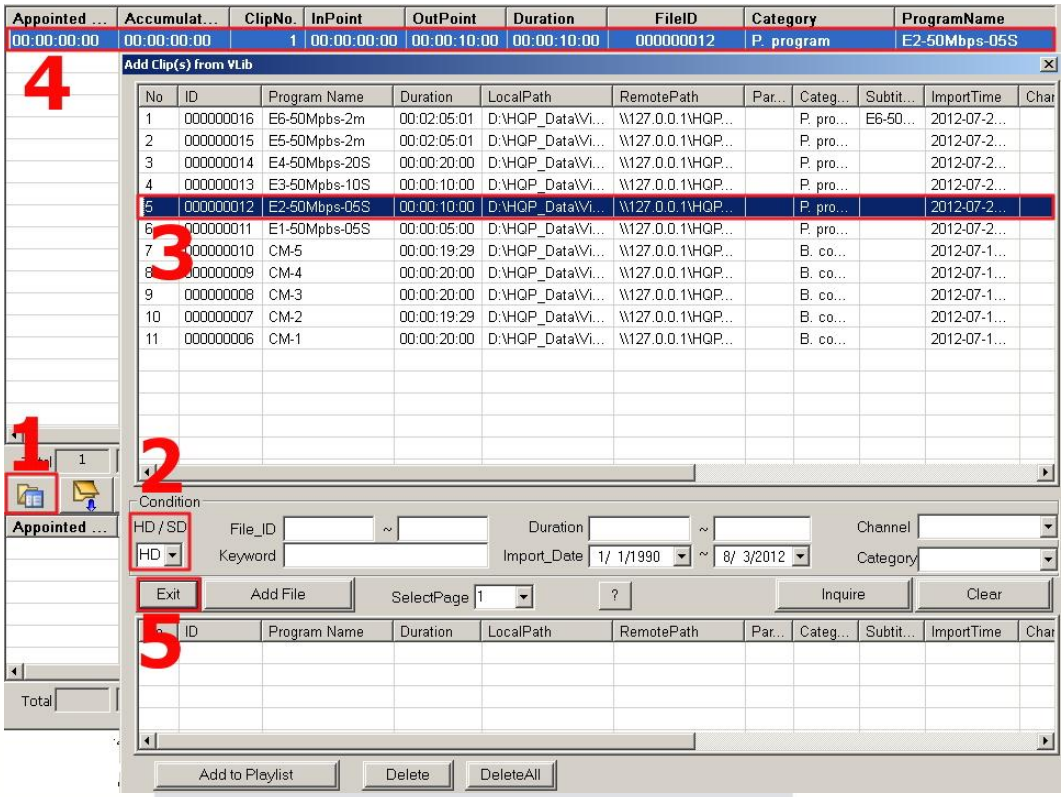
〔18〕. : Tick the box to replace the selected clip and the same “File ID” clips of the list by a designate clip.

〔19〕. : Click to check the completeness of the clips in the playlist, including the existence of the media clip and subtitle file. The checking result will be shown on a list.

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1.2.1 How to add clip(s) from the VLib



〔1〕. Click to add clip(s) from VLib

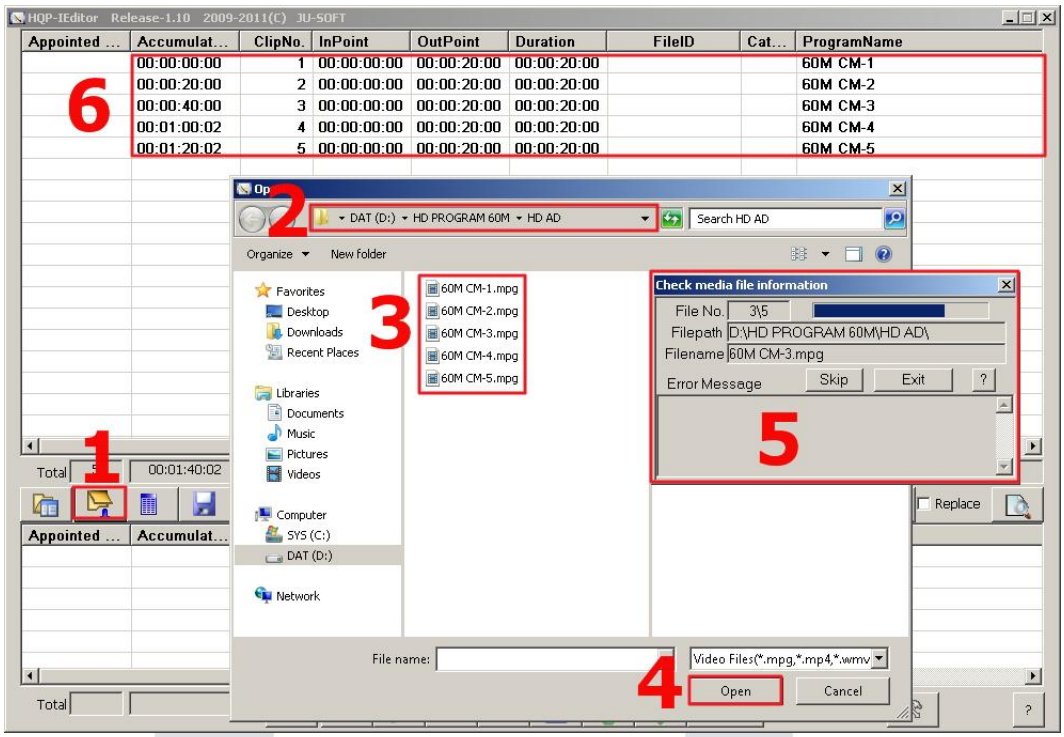
〔2〕. By the selection of HD or SD in the drop down list, user can choose the format searching for.

〔3〕. Double clicks on designate clips

〔4〕. Clip(s) will be added into playlist instantaneously

〔5〕. Click “Exit” to leave dialog after selection.

1.2.2 How to add clip(s) from file explorer

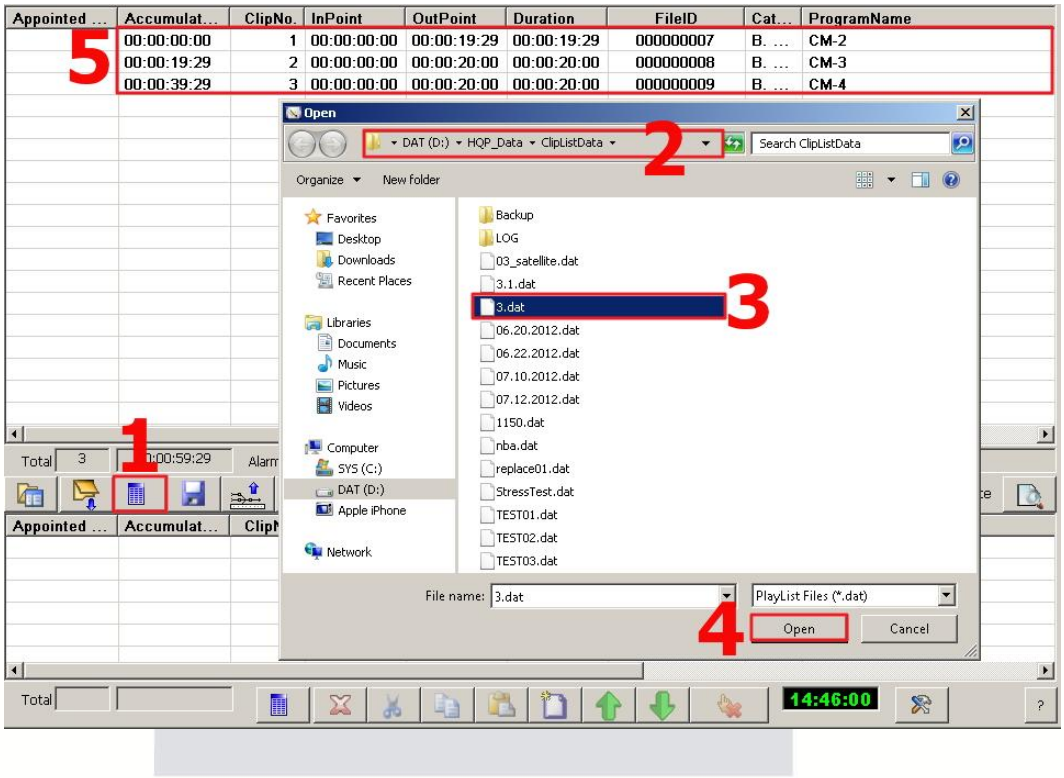


〔1〕. Click to add clip(s) from file explorer.
〔2〕. Choose the file path where clips are saved.
〔3〕. Select designate clips.
〔4〕. Click “Open” to add clips.
〔5〕. Media check window will appear automatically to check clips.
〔6〕. Clips will be added into playlist after checking.

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1.2.3 How to load a playlist to current playlist

Users are allowed to load a playlist to edit, and save as another playlist.



〔1〕. Click to load playlist.

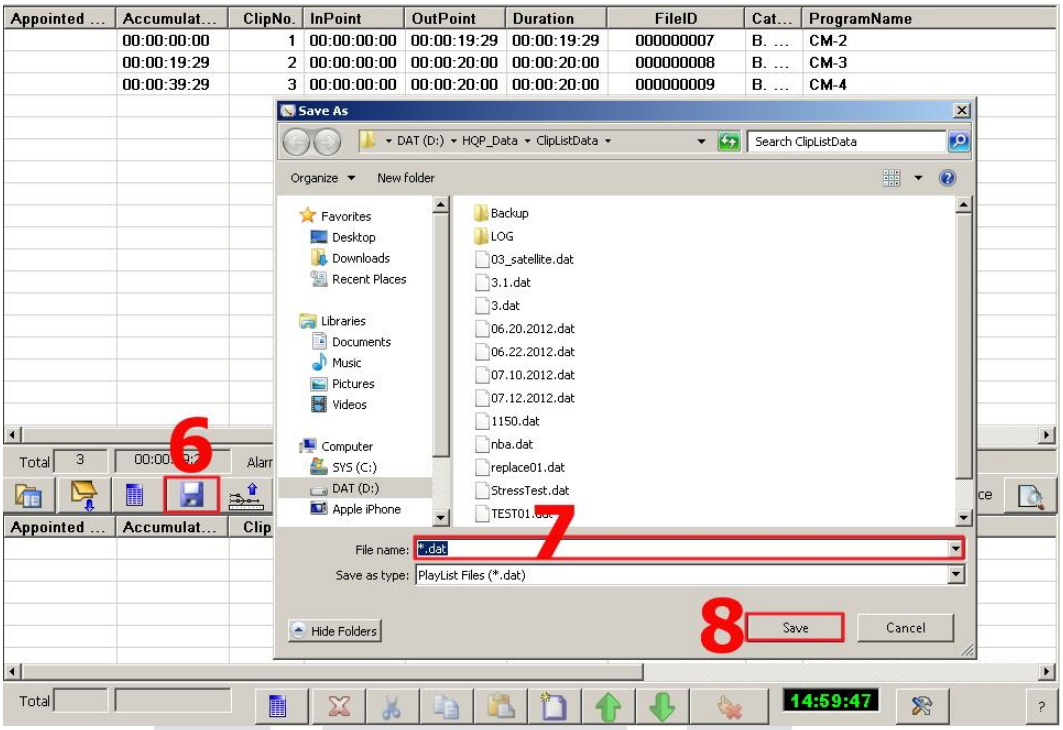
〔2〕. Choose the file path where playlist are saved (default setting: D:\HQP_Data\ClipListData).

〔3〕. Select designate playlist.

〔4〕. Click “Open” to load the playlist.

〔5〕. The playlist will be display in schedule-playlist area.

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〔6〕. Click on “Save Playlist”.

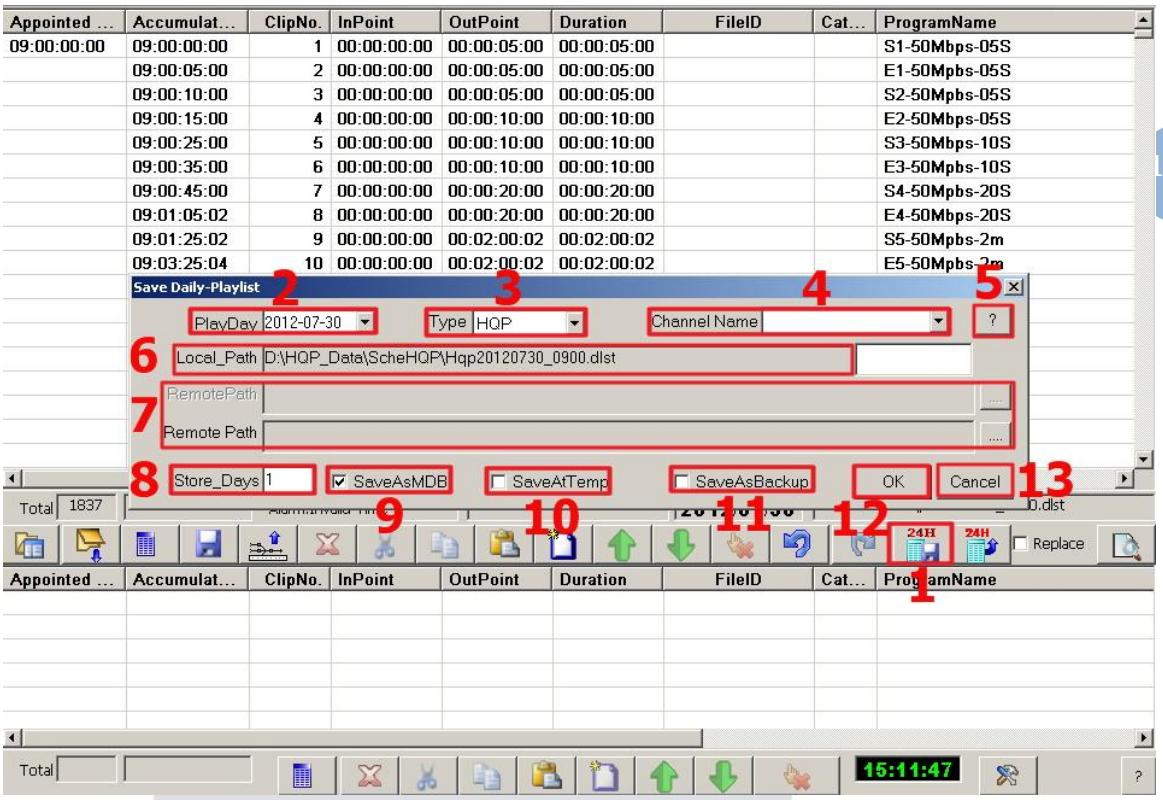
〔7〕. Enter a name of the playlist.

〔8〕. Click on “Save” to save current schedule list into hard disk.

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1.2.4 How to save a Daily-Playlist

Users can save the playlist as a Daily-Playlist after editing a full 24 hours playlist.



〔1〕. Click on “Save Daily-Playlist”, and the dialog will pop up while saving the currently editing 24-hour Daily-Playlist. To save it as a Daily-Playlist, the total length must be 24 hours, and Appointed Time of the first media clip must be specified.

〔2〕. Play Day: Click on the drop down list, and a calendar will pop up. Select the date you want to broadcast this Daily-Playlist, and it will also become the name of the file.

〔3〕. Type: Select Daily-Playlist type from the drop down list.



HQP: Select to upload Daily-Playlist into VLib video library and each broadcast playout will load it and play it at local computer in accordance with time.

POT: If users want to modify the currently playing Daily-Playlist content

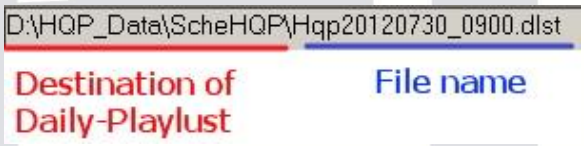
from the remote PC, save the rescheduled Daily-Playlist as “POT” type into VLib server, designate the time of reloading, and the currently playing playlist will be replaced by the new one.

〔4〕. Channel Name: Select channel which the scheduled Daily-Playlist belongs to from the drop down list, and the playlist will be saved in designate directory in accordance with channel setting.

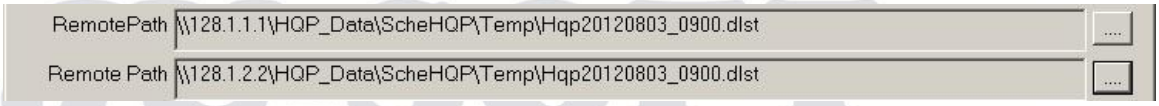
〔5〕. On-line help button, click for more information.

〔6〕. Local Path: File path of Daily-Playlist in local computer, which change with channel setting.

Note: After [Play Day] is set, file path of Daily-Playlist in local computer will be automatically generated. Files of Daily-Playlist will be saved in “D\:HQP_Data\ScheHQP”, which cannot be changed. If the Daily-Playlist is to be broadcasted on 2012/07/30, and the Appointed Time of the first clip is at 9 o’clock, the name of the file will be [Hqp20120730_0900]. The extension of Daily-Playlist is [.dlst].



〔7〕. Remote Path: Click the “....” button, and file path of Daily-Playlist in remote VLib server will be automatically generated, which alters in accordance with channel setting.



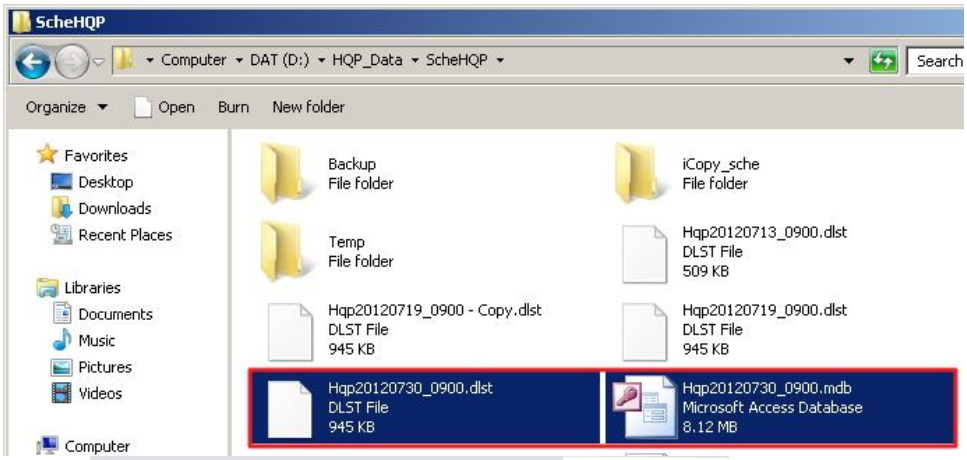
Note: There might be a secondary remote path corresponded to the redundant backup video library system.

〔8〕. Store Days: The Daily-Playlist can be saved as one or several files. For example, if you type 2 in the box, the Daily-Playlist will be saved as two “dlst.” files named after dates starting from the current day (Hqp20120730_0900, Hqp20120731_0900). This function helps user to create the same daily-playlists quickly, and edit daily-playlist easily.

〔9〕. Save As MDB: Tick the box, and an extra ACCESS format schedule

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will be exported immediately with the daily-playlist as the figure below.



〔10〕. Save At Temp: Tick the box, and file path of Daily-Playlist will be saved in the “D:\HQP_Data\ScheHQP\Temp” directory.

〔11〕. Save As Backup: Tick the box, and file path of Daily-Playlist will be saved in the “D:\HQP_Data\ScheHQP\Backup” directory.

〔12〕. Click “OK” to save changes and exit.

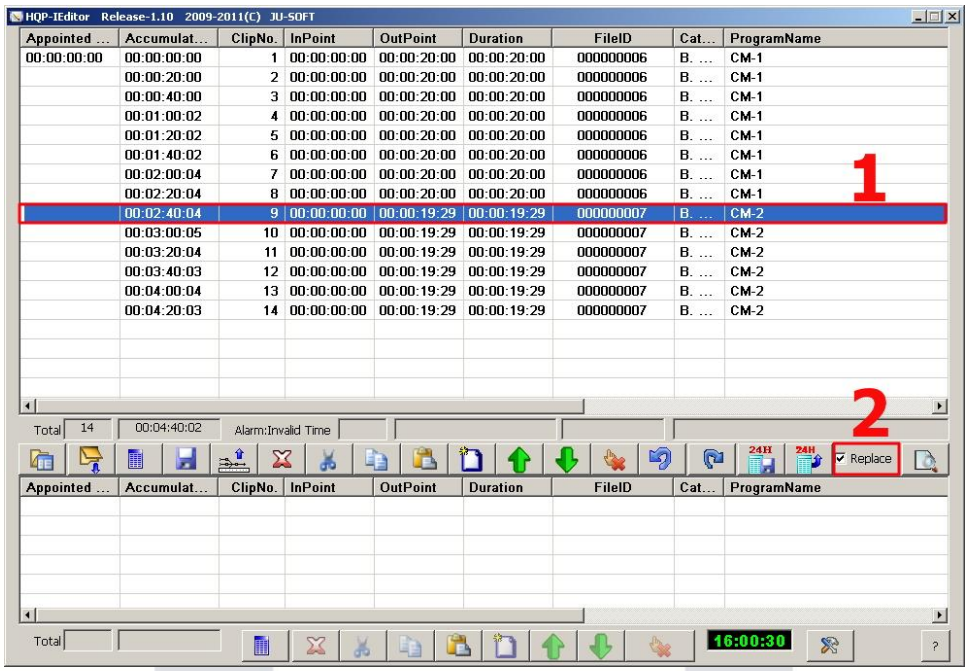
〔13〕. Click “Cancel” to exit without saving.

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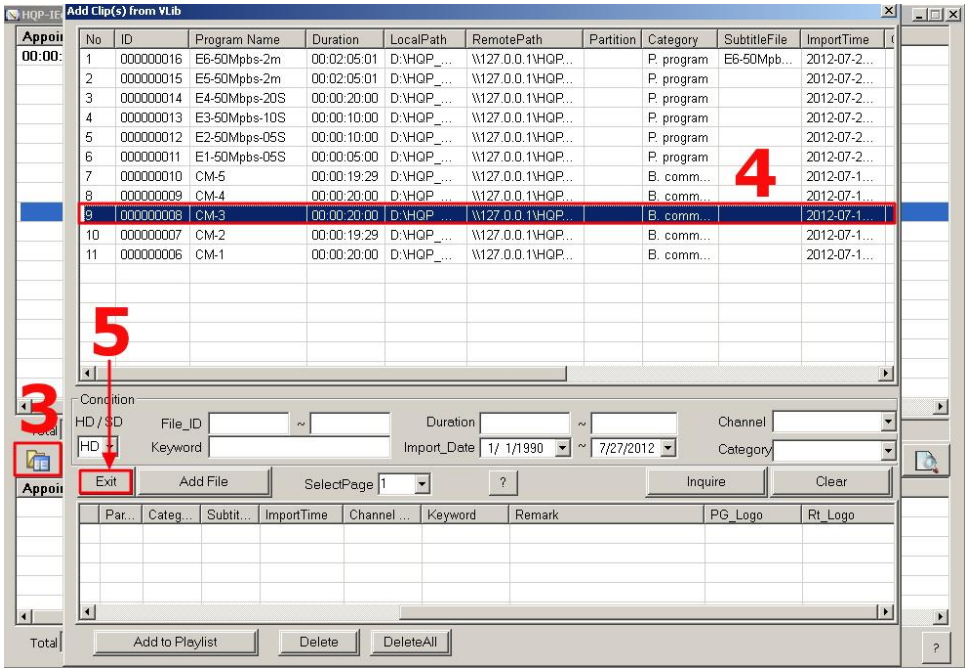
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1.2.5 How to replace a clip

HQP-IEditor allows user to replace a clip (and clips which with same File ID) with a designate clip. For instance, we want to replace all CM-2 to CM-3 as figure below:



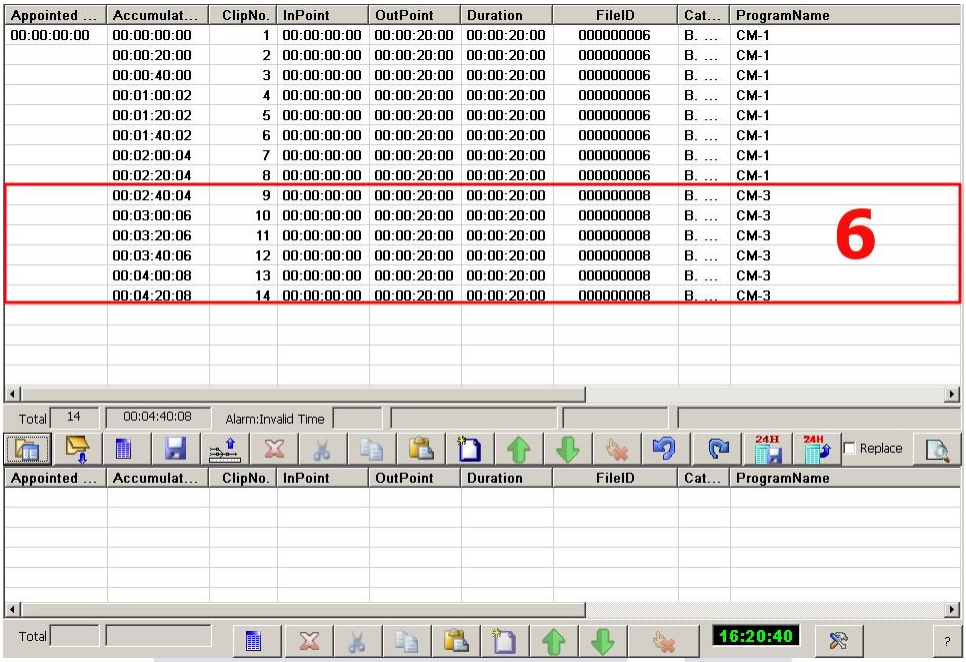
〔1〕. Select the clip which you want to be replaced.
〔2〕. Tick the “Replace” box.



〔3〕. Click to add clip(s) from VLib.

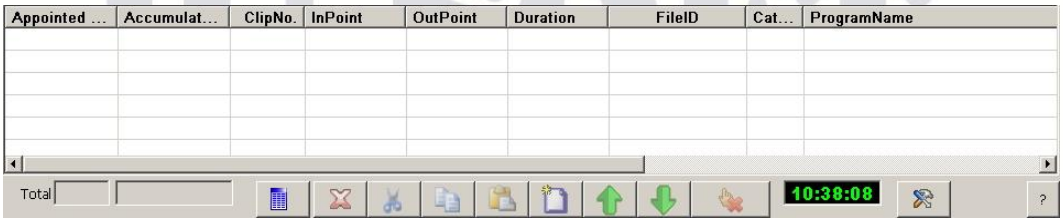
〔4〕. Double click on the clip which we want to replace the original one.

〔5〕. Click “Exit” to leave the current window.



〔6〕. Notice that all CM-2 clips have been replaced by CM-3.

1.3 Temporary Editing Area

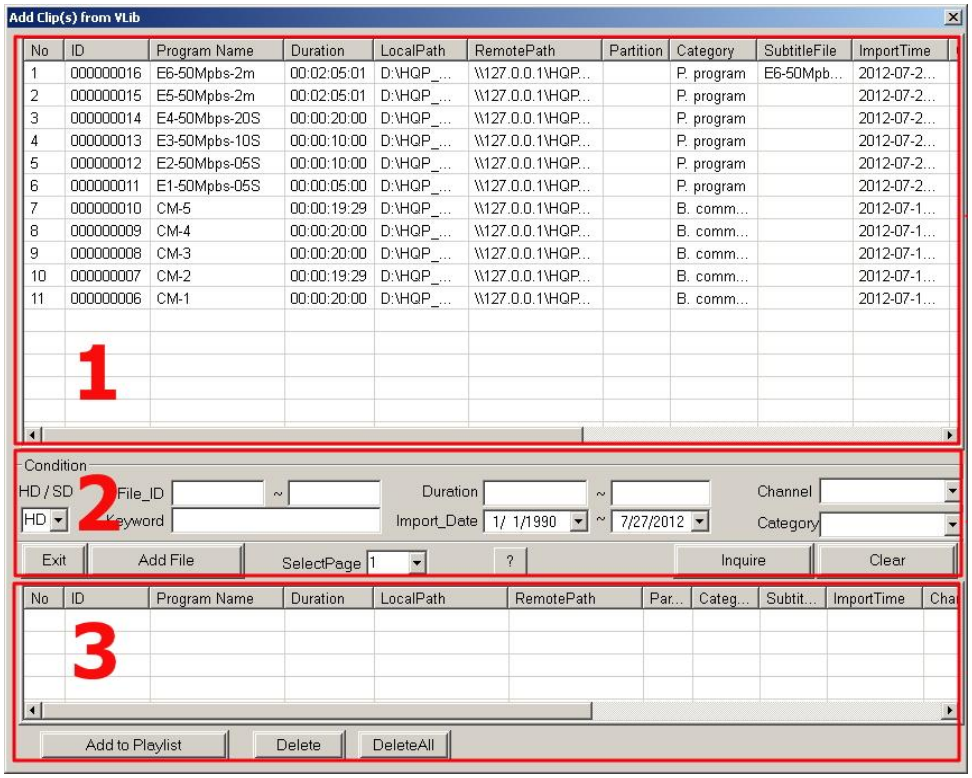


A place is provided to temporarily place clips. Users can load former playlist(s) to this area, edit and rearrange the former playlist content, and then copy a group of wanted clips to the currently editing playlist, which accelerates the process of scheduling playlist. The area works in the same way as the “Playlist Editing Area”.

2. Program Database

Users can press the “” button to display the program database window, and add clips from VLib. The way to use database is that type in keywords or any text strings to search the database and list all relevant programs, then choose from the list of programs to add to the currently editing playlist.

• Operation interface



〔1〕. Searching Results Displaying Area

〔2〕. Query Conditions Setting Area

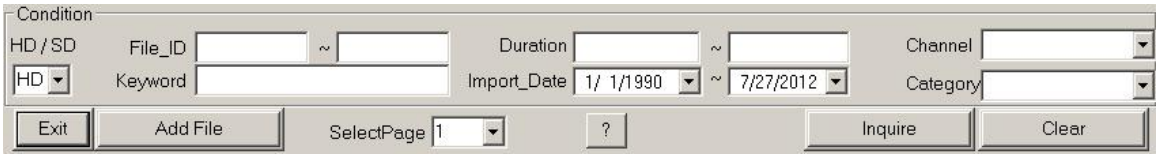
〔3〕. Selected Files Displaying Area

2.1 Searching Results Displaying Area

1. This field shows entire program information found through program database search. Double click the mouse to add to the main schedule playlist in HQP-Editor. Alternatively, click the mouse right button to add to the program selection list, and then click the “Add to Program Schedule List” button to add the selected program list in batch to the main schedule playlist.
2. To select a position in the playlist, the user can highlight a program in the playlist and then add new programs. New programs will be added to the front of highlighted programs. If there are no programs highlighted then the newly added programs will be moved to the bottom of the playlist.

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2.2 Query Conditions Setting Area



〔1〕. HD / SD HD : Select media format of clips from the drop down list.

〔2〕. File_ID ~ : Enter a range of File IDs.

〔3〕. Duration ~ : Enter a time range to search for media clips within it.

〔4〕. Channel : By selecting a channel from the drop down list, users can inquire media clips from the designate channel (It works only on a multi-channel VLib server).

〔5〕. Keyword : HQP-IEditor will search Program Name, description, and remarks to find media clips corresponding to the entered keyword.

〔6〕. Import_Date 1/ 1/1990 ~ 11/ 7/2011 : Users can inquire media clips by giving a range of dates.

〔7〕. Category : Users can inquire media clips from certain category.

〔8〕. Inquire : After enter searching conditions, click the button to start inquiring.

〔9〕. Clear : Click the button to clear the preset searching conditions.

〔10〕. Add File : Click the button to add the selected file(s) from the **Searching Result** list into the **Selected Files Displaying**

Area.

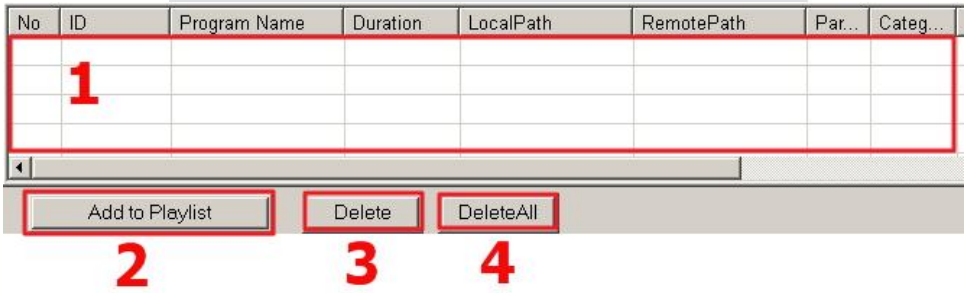
〔11〕. 

: Click the button to exit the current window.

〔12〕. 

: Select page number from the drop down list to check seaching rsult on ant other pages.

2.3 Selected Files Displaying Area



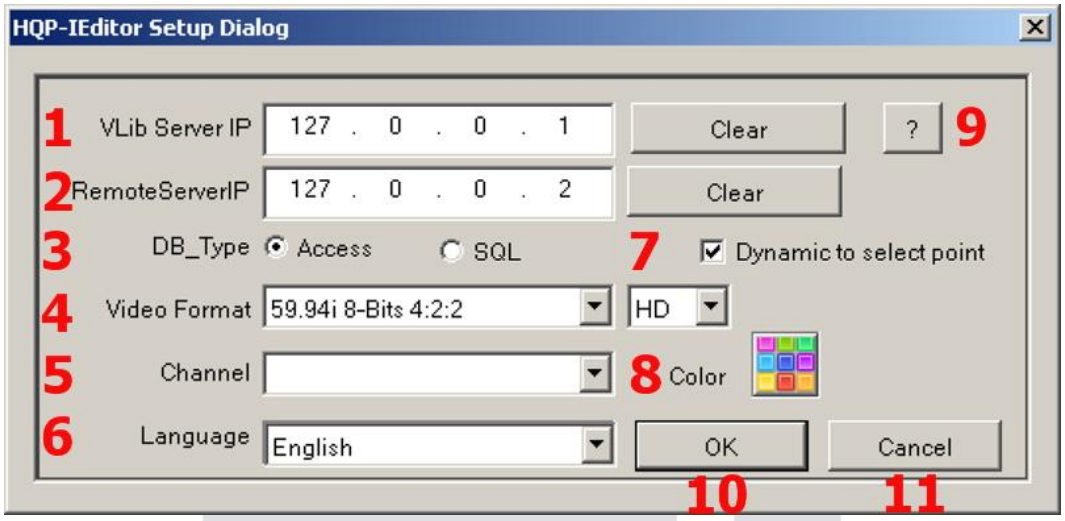
〔1〕. The selected clips will be shown in this area.
〔2〕. Click the button to add all clips on the list into Playlist.
〔3〕. Click the button to remove the selected clip.
〔4〕. Click the button to remove all clips on the list.

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3. Configuration

The Setup Dialog can be displayed by pressing the "" button. Users can configure the program database IP of HQP-1000, and carry out remote workstation program list making, as well as choosing software interface language.

• Operation interface

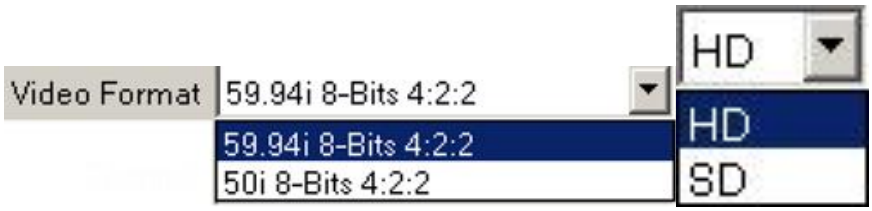


〔1〕. VLib Server IP: Input IP address of remote VLib server and make sure that this computer has the permission to read and write HQP_Data directory in VLib server.

〔2〕. Remote Server IP: Input IP address of remote VLib server and make sure that this computer has the permission to read and write HQP_Data directory in VLib backup server.

〔3〕. DB Type: Select type of database of the remote VLib Server.

〔4〕. Video Format: Select frame rate of video clip. Select 59.94i for NTSC, and select 50i for PAL system. Users can select HD or SD to change the default searching setting while adding clip(s) from VLib.

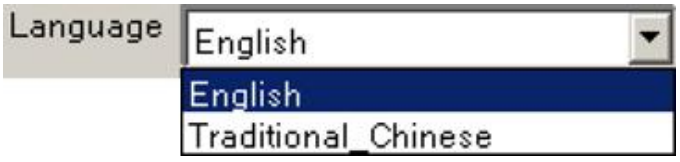


〔5〕. Channel: Select TV channel to which the currently editing Daily-Playlist belongs, and it will be saved into designate folder of the channel in VLib server database.

〔6〕. Language: After changing language from the drop down list, you need

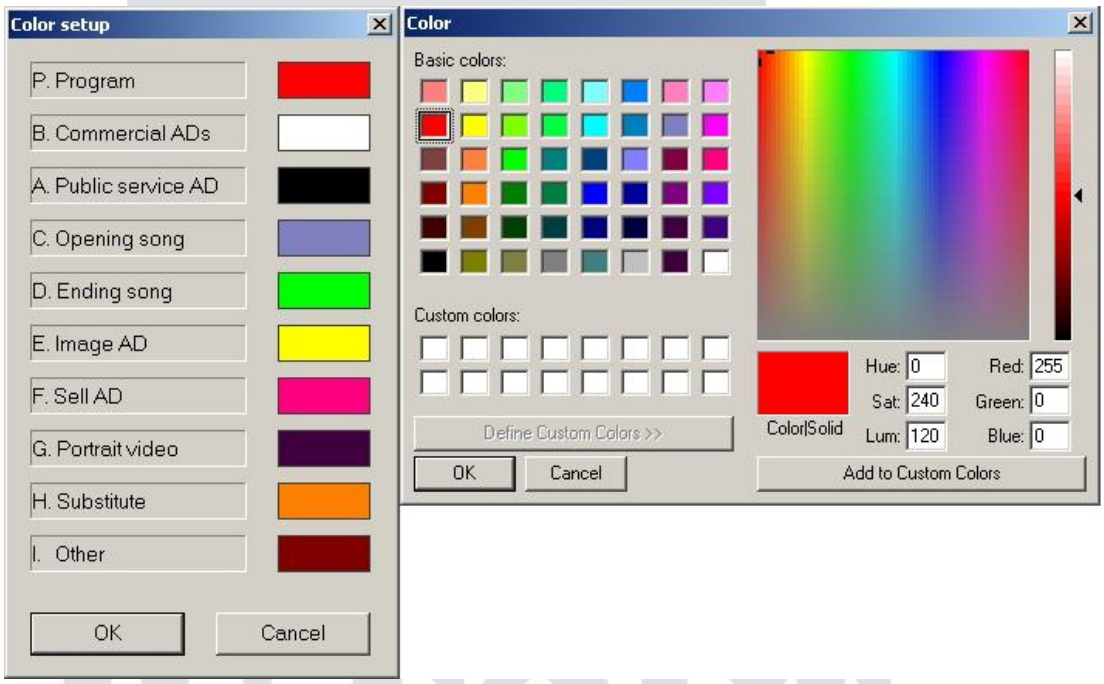
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to close and restart IEditor.



〔7〕. Dynamic to select point: Tick the box to enable the "Dynamic to select point" function which will explain later in chapter 3.1.

〔8〕. User can define colors of the ten categories by clicking the "" button, clip of each category will be presented in user-defined color in scheduling area.



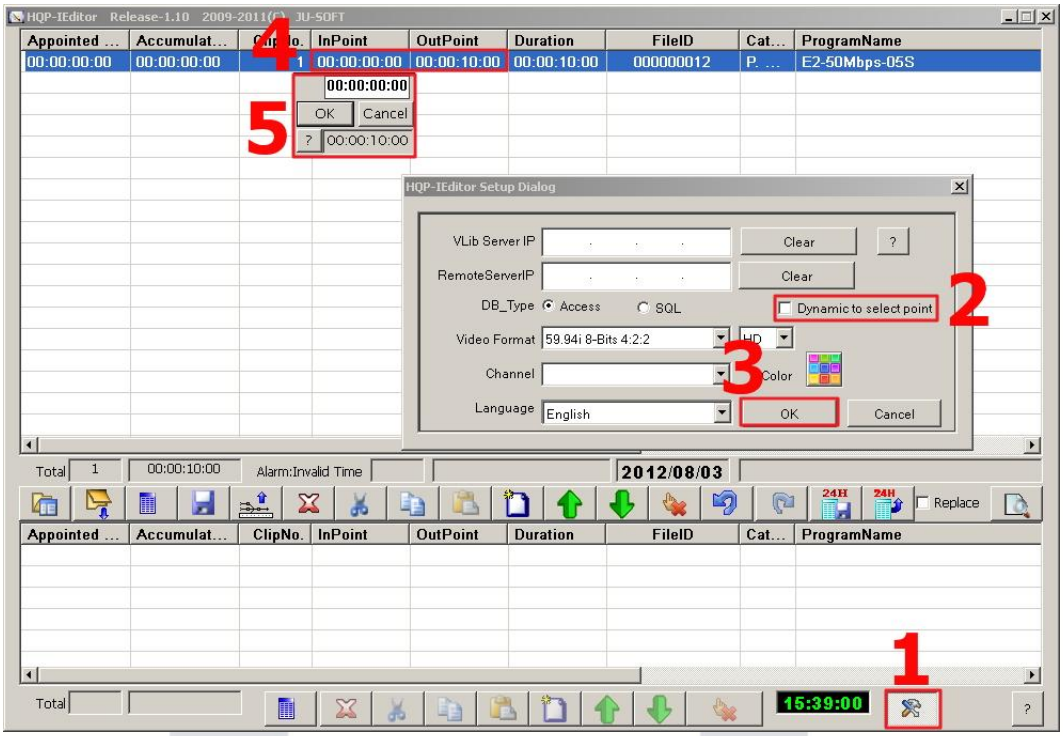
〔9〕. On-line help: Press to see more information of on-line help.

〔10〕. OK: Click to confirm changes and exit the dialog.

〔11〕. Cancel: Click to exit the dialog without saving.

3.1 Select In Point and Out Point of a clip

User can set In/Out Point freely by double clicking on clips straight.



〔1〕. Click to call the Setup Dialog

〔2〕. Do not tick the box of “Dynamic to select point”

〔3〕. Click “OK” to confirm changes.

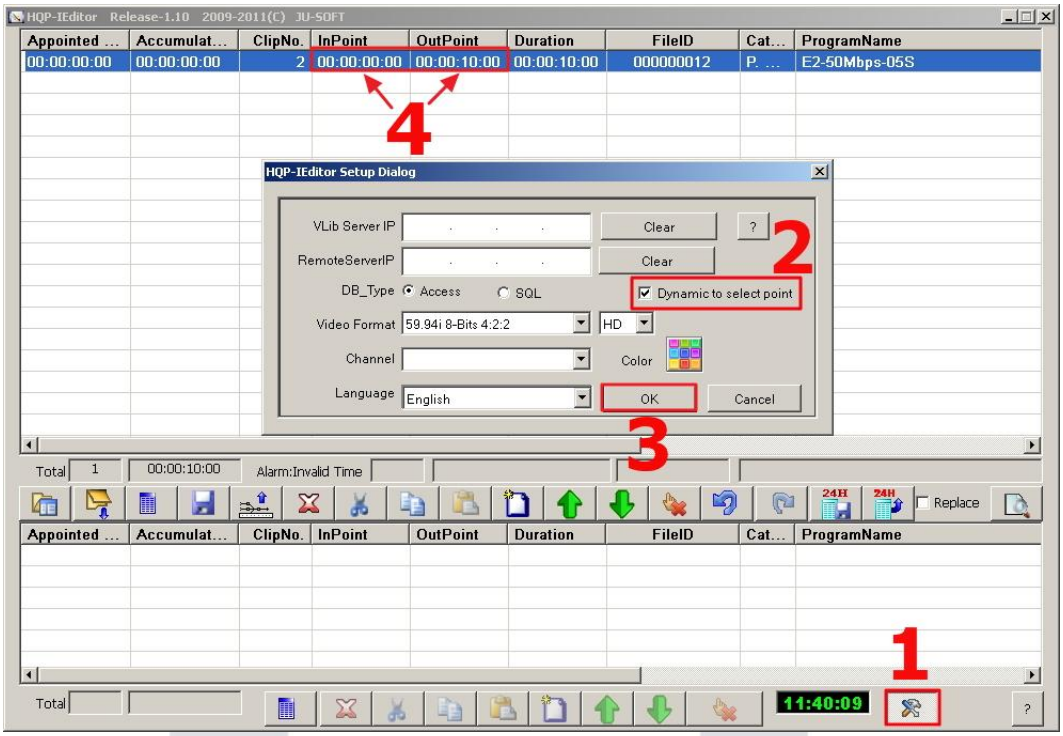
〔4〕. Double click on the column of “In Point” or “Out Point” to open select point dialog.

〔5〕. Adjust In Point and Out Point and click “OK”.

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3.2 Dynamically select In Point and Out Point

Once users enable the function, they can select In/Out point dynamically.



〔1〕. Click to call the Setup Dialog

〔2〕. Tick the box of “Dynamic to select point”

〔3〕. Click “OK” to confirm changes.

〔4〕. Double click on the column of “In Point” or “Out Point” to open select point dialog.

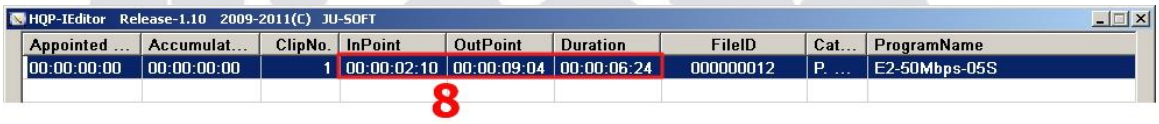
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〔5〕. Drag the playhead along scrubber bar to fast forward or rewind the video.

〔6〕. Press the arrow keys to monitor it frame by frame, and then accurately set the in/out point of the video clip

〔7〕. Click “OK” to confirm changes.

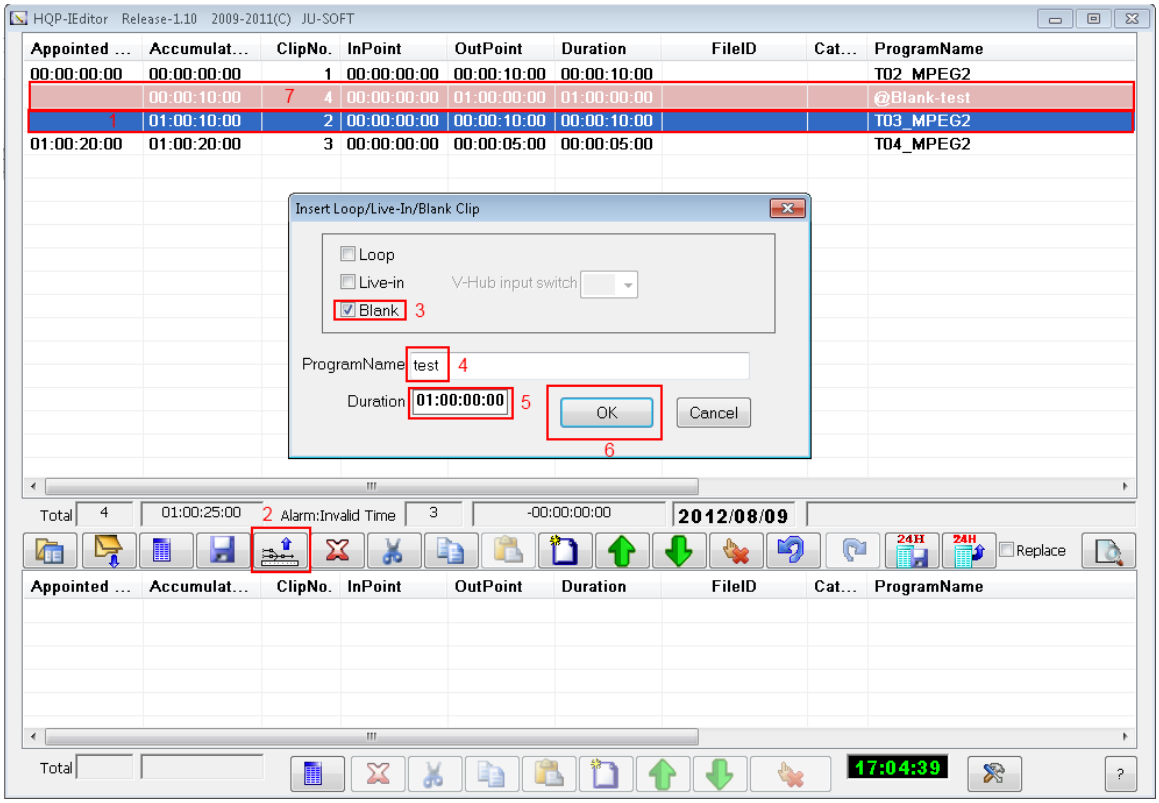


〔8〕. The time of In/Out point in playlist have been changed.

Note: The duration of clips must be longer than 5 seconds.

4. Emergency Import Video

Operators will know in advance that videos may not be imported to HQP-VLib in time while they are arranging playlist (Delay by post production team). Operator could follow steps as below to insert a blank clip to fill up lacked time in playlist.



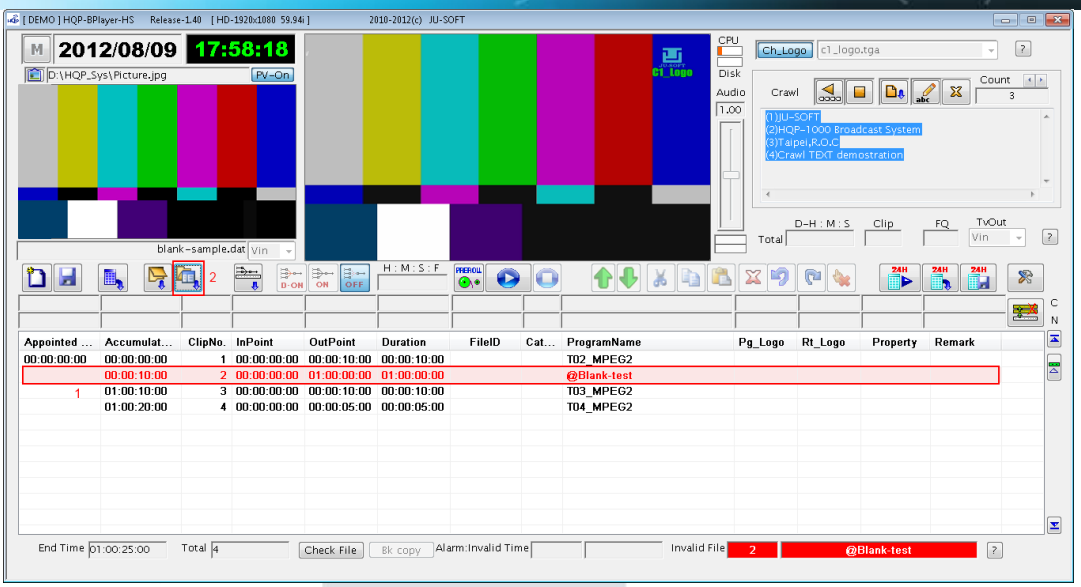
〔1〕 Select a clip which will be listed next blank clip
〔2〕 Click Insert [Loop/Live-in/Bank clip] button.
〔3〕 Tick Blank
〔4〕 Type clip name
〔5〕 Type clip duration
〔6〕 Click [OK] button
〔7〕 Blank clip be inserted

After finishing arrangement of playlist, HQP-BPlayer will load playlist at appointed pre-load time (See HQP-BPlayer->Setup->Others->Pre-load time).

- If clip could ready to replace blank clip in time:

There are 2 conditions operators will meet :

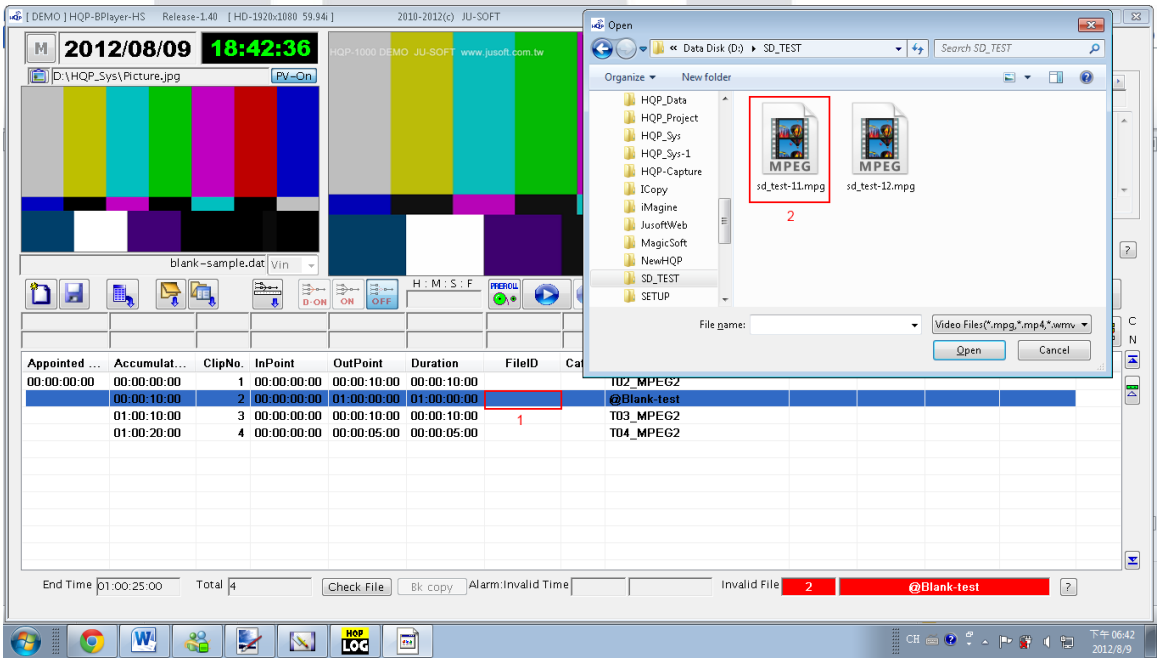
1. Operator have enough time to import ready clip to HQP-VLib



〔1〕 Delete Blank clip

〔2〕 Click [Add clip(s) from VLib], select clip that you need and put it into original position of blank clip which is deleted.

2. Operator could import ready clip via USB hard drive or folder of local network.



〔1〕Click [Field ID] on blank clip

〔2〕Select ready clip from USB hard drive or folder of local network.

- If operator confirmed that the clip could not ready to replace blank clip in time: Operator could set spare playlist to fill up lacked time of playlist.
  See HQP-BPlayer->Setup->Others->Spare Playlist

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