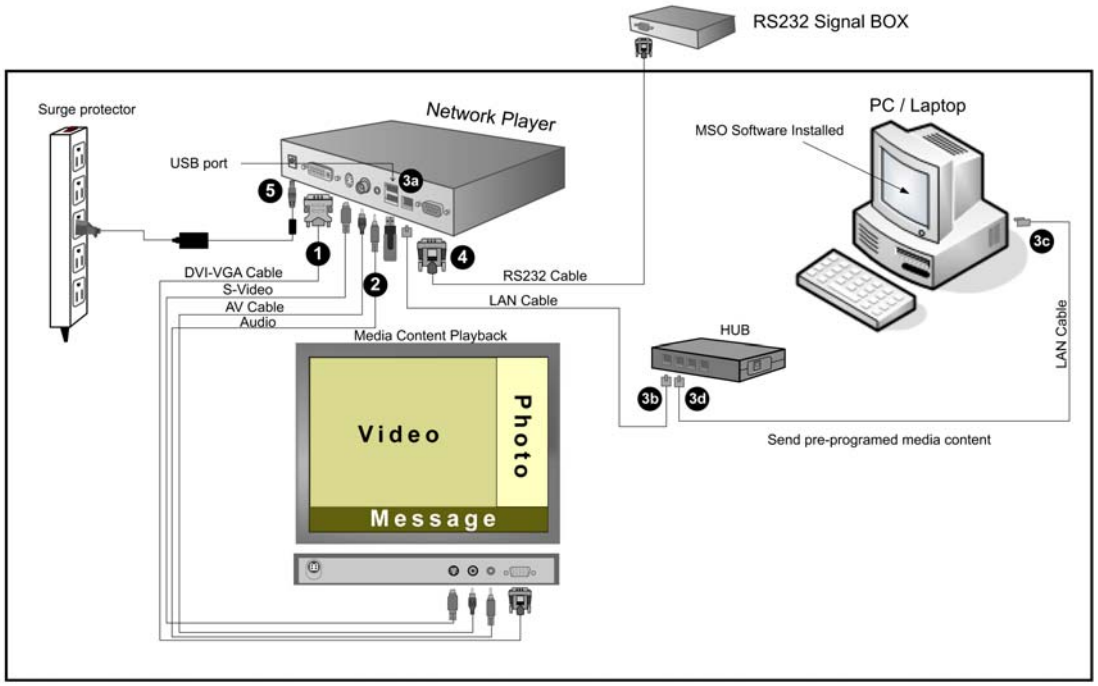
Network Player
Quick Start Guide V1.0

Before operating the software, please read this manual thoroughly and retain it for future reference.

This quick start guide introduces the basic steps to experience the operation of JDS software, please refer to the complete user manual for all powerful features that JDS software offer.

Part 1. Connecting Cable



Step 1a Choose the video output (DVI/S-video/Composite) you would like to use and connect the cable.

Step 1b Connect another end of the cable to your monitor.

Step 2a Plug audio cable into audio jack.

Step 2b Connect another end of audio cable to monitor

Step 3a Plug crossover Ethernet cable into Network Player LAN port*[1]

Step 3b Connect another end of crossover Ethernet cable to the LAN port of Management PC*[2].

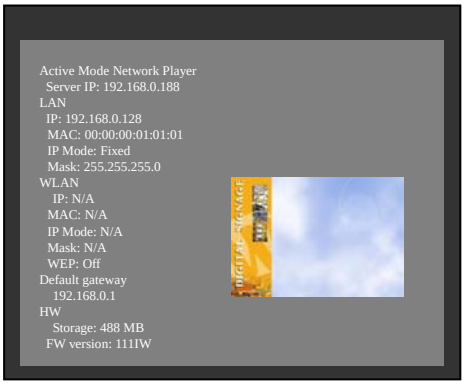
Step 4 Plug the DC end of the power adapter into the power connector of the Network Player unit; then, plug the AC end to an electrical outlet. The Network Player will power up immediately.

You can check the firmware version, client LAN IP, system mode (active mode), and server IP

[1] The crossover Ethernet cable is for you to directly connect Network Player with the management PC. You can use normal Ethernet cable if you have a hub in between

[2] The USB-LAN interface acts as an extra network card in a PC. You can also choose using USB-LAN interface in between if you would not like to change the IP setting of your existent network card. The driver installation of USB-LAN interface will be needed if your PC does not detect this device automatically.

in the beginning of system boot-up.



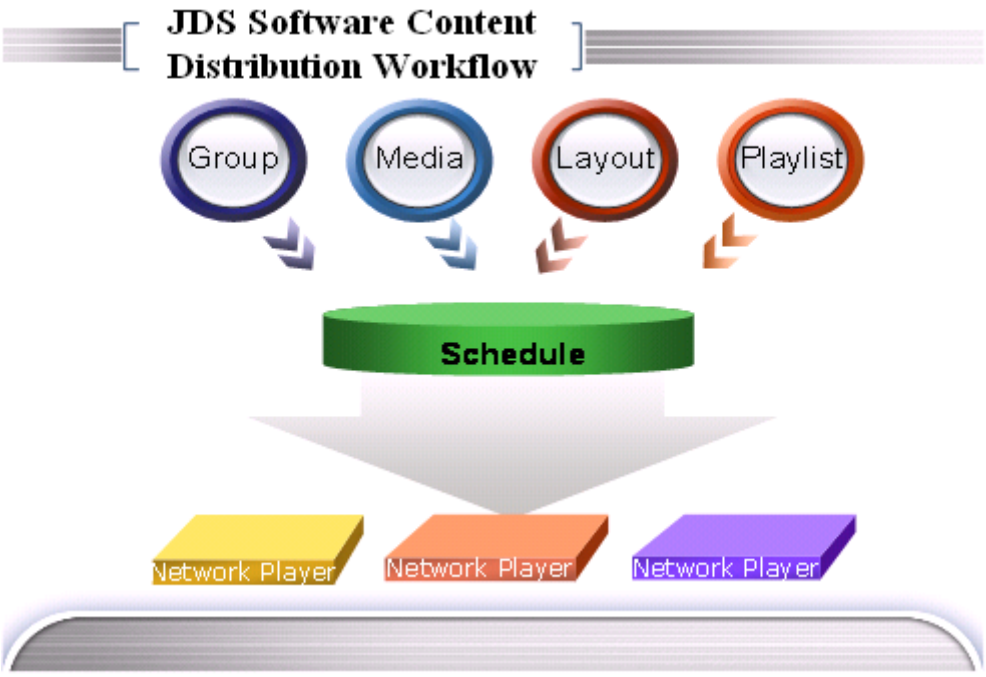
Part 2. Realize the Concept of JDS software

Workflow of JDS software Content Distribution

There are 5 major sections in JDS software:

- Client Management
- Media Management
- Playback Management
- Advanced Control
- Report Management

JDS software remains great flexibility to allow users work on each task independently and also be able to share resources between different groups. Basically, schedule is a component that collects all tasks and transfers them to selected network players. The workflow of JDS software is listed below.



Part 3. Getting Started

Step 1 Install JDS software

Double click the "**JDS_Install.msi**" icon from product CD and follow the instruction to complete the JDS software installation.

Step 2 Start JDS software and Set Your Password

a. Double-click JDS software icon on your desktop to start JDS software.

b. A pop-up window will guide you to set up your own password.*3

[3] We strongly suggest you select a password consisting of uppercase and lowercase letters, numbers, and special characters.

Step 3 Configure server/client IP

The factory setting for every Network Player is listed below.

Factory LAN Setting

IP mode	DHCP
IP port	8001,8002,8003*[4]
Server IP (the IP that Network Player connects to automatically)	192.168.0.188

The default IP mode is DHCP and it will automatically switch to Fixed mode if no IP is assigned to Network Player unit.

IP mode	Fixed
LAN IP	192.168.0.128
LAN Subnet Mask	255.255.255.0
LAN Gateway	192.168.0.1

Factory Wireless LAN Setting

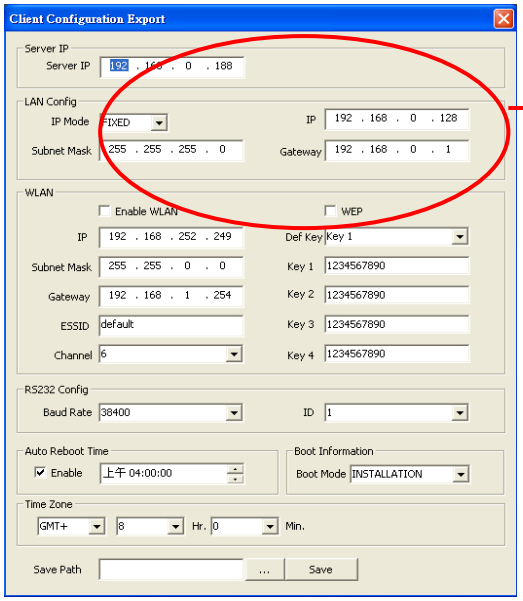
WLAN	Disabled
WLAN IP	192.168.252.249
WLAN Subnet Mask	255.255.0.0

Network Player connects to the server actively; therefore, you will need to either change the IP that Network Player connects to or configure the IP address of your PC to establish communication channel. We provide a utility to configure client settings in you PC and use USB flash drive to apply those configurations in Network Player unit.

Configuration via USB Flash Drive

1. Click the "**Configuration**" button from JDS software, and then click the "**USB Configuration Export**" button from the pop-up window.
2. Make setting changes.
3. Browse to the location (USB flash drive) you would like to save the files.
4. Click the "**Save**" button.
5. Click the "**Exit**" button.

[4] If your PC is behind a firewall, please make sure port 8001, 8002, 8003 are open. Please refer to the **Troubleshooting** section in this manual for detail on setting firewall exceptions.



Default Subnet Mask: 255.255.255.0
So be aware that the first 3 digits of Server IP and Client IP have to be identical. You can change the Subnet mask to have wider IP range.

6. Take out the USB flash drive and plug it into Network Player unit.

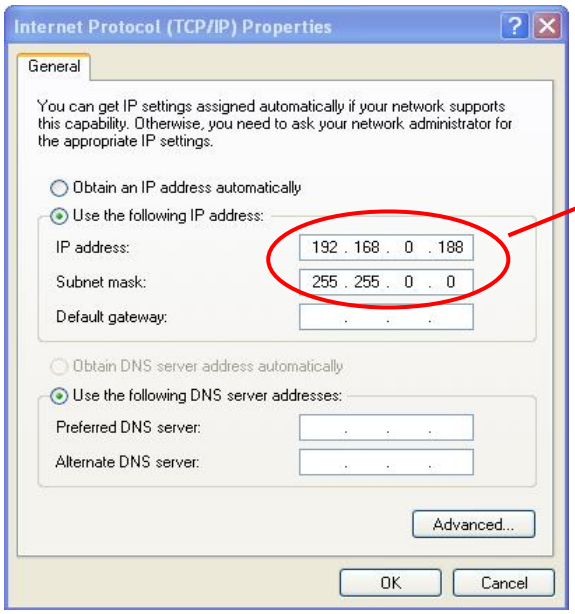
7. Reboot the Network Player to apply settings.

Configuration via LAN

If you choose to change the IP address of your PC, please make sure your desktop or laptop's IP address comply the following rules.

Path to call Internet Protocol(TCP/IP) Property:

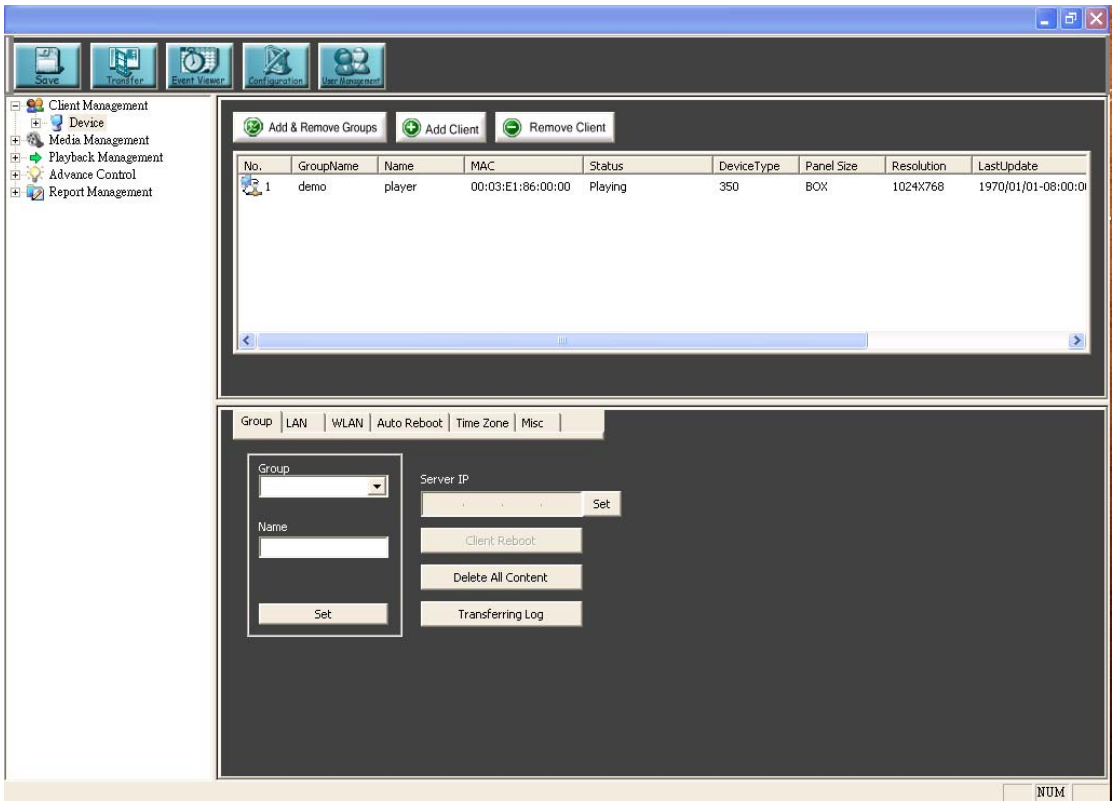
- ✓ Click Start→Control Panel→ Double-click on Network Connections.
- ✓ Right-click on Local Area Connection → select Properties.
- ✓ On General tab , double click Internet Protocol (TCP/IP)
- ✓ Setup IP as the following figure.



The IP address of your server PC has to be 192.168.0.188 in order to establish connection in the first time. Then you are free to set the server IP address.

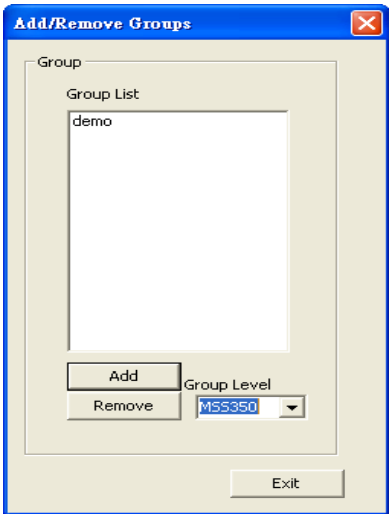
- ✓ Click **OK** to confirm the setting

Step 4 Client Management



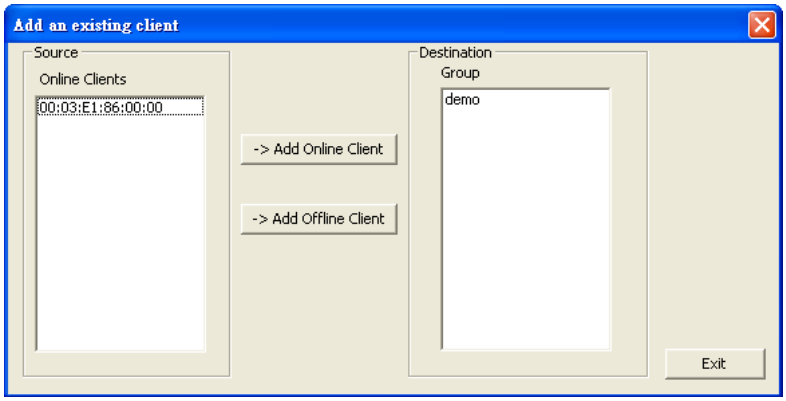
Group Creation

1. Click the "**Add & Remove Group**" button to bring up group adding window.
2. Click the "**Add**" button and enter group name.
3. Click the "**OK**" button to save the new group.
4. Choose the **Group Level** from the drop-down menu. Click the "**Exit**" button when you finish.



Client Creation

1. Click the “Add Client” button to bring up client adding window.
2. If there are clients already connect to server, you can highlight one Online Clients in Source Area and choose a group in Destination Area, then click the “Add Online Client” button to continue assignment.
3. Enter client name then click the “Exit” button to finish client addition.
4. If there are no clients connect to server at the moment, you can highlight the group you would like to add new client then click the “Add Offline Client” button.

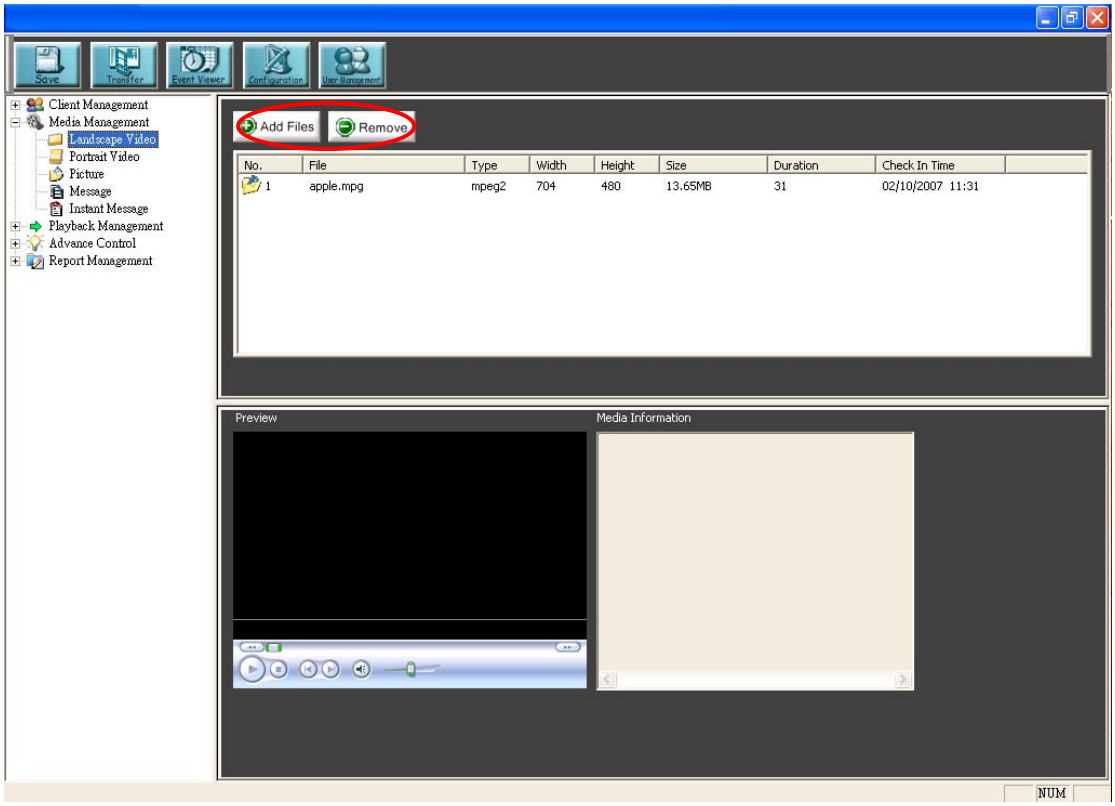


1. Enter client name and MAC address and then click the “**OK**” button to save settings.

Step 5 Media Management

Media Management is a place where you can manage all media files, including video, picture, and message.

Video



Video Addition*[5]*

1. Click the "**Add Files**" button and browse to the video files you would like to add.
2. Click **OK** to confirm file addition.

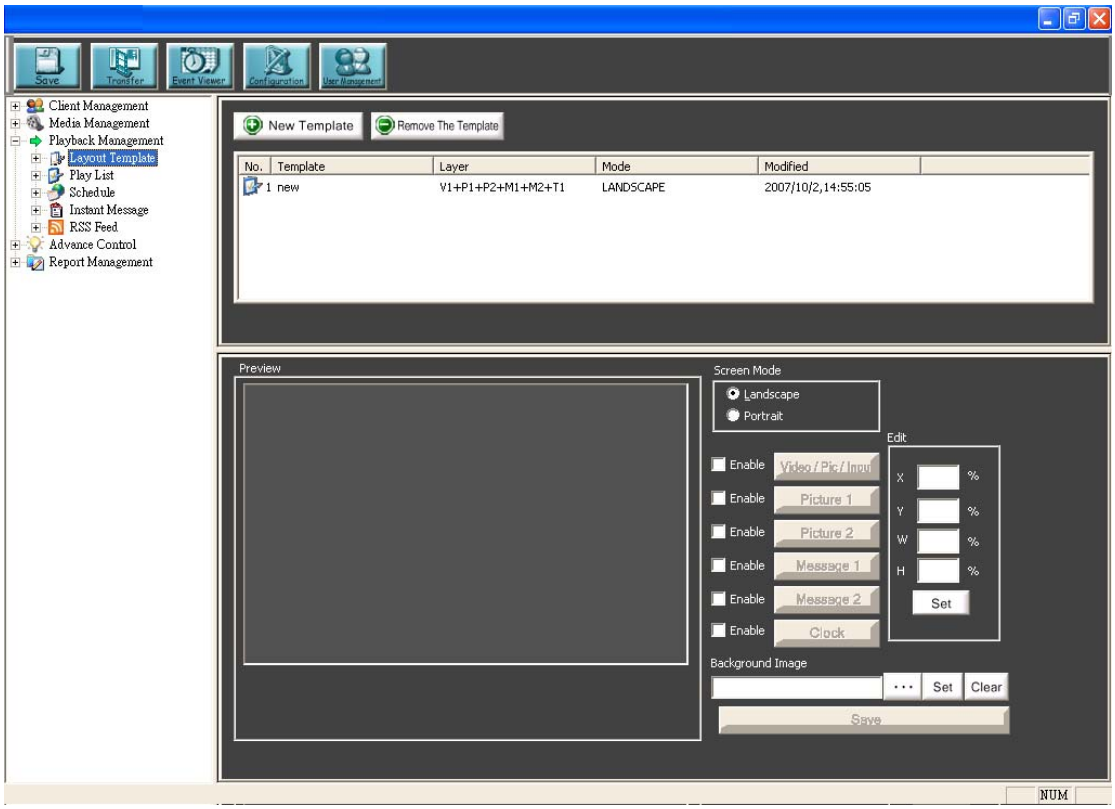
Repeat the same steps of picture and message.

Step 6 Playback Management

Step 6.1 Layout Template

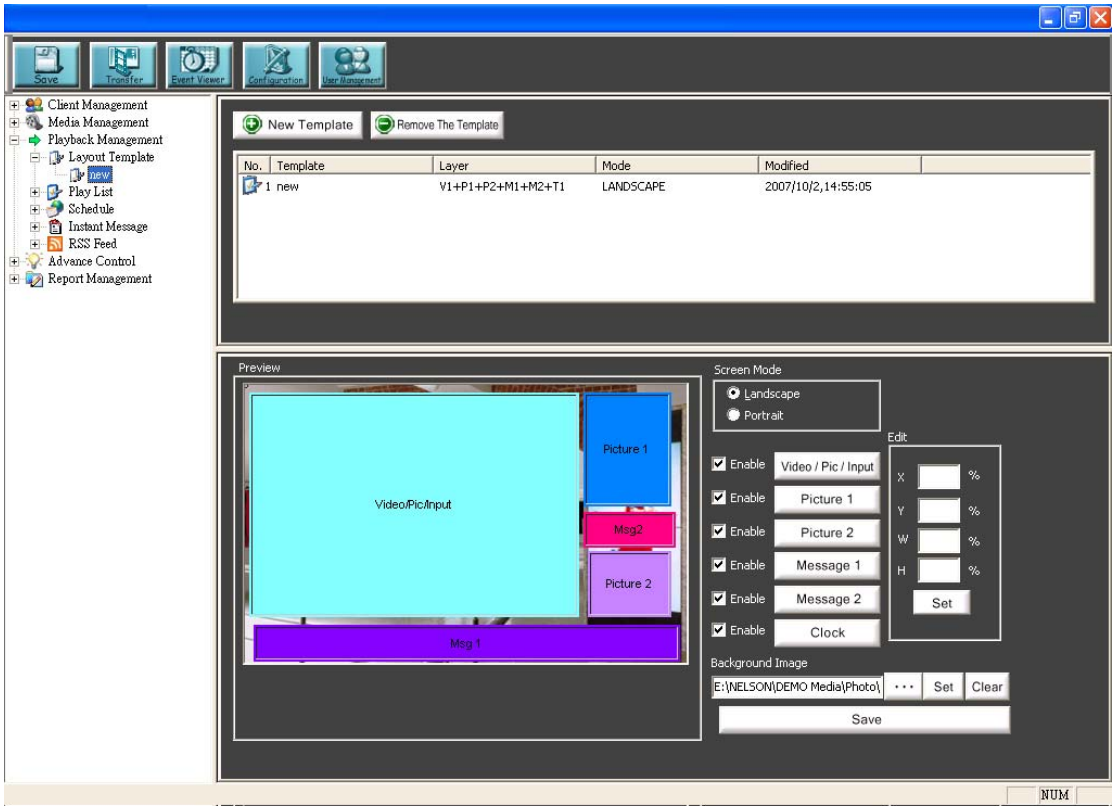
In JDS software, users are able to create their own layout design for background, video, picture, message, and clock. The maximum numbers of display zone are 1 background picture, 1 Video/Picture/Input zone, 2 picture zones, 2 message zones, and 1 clock zone.

[5] The Landscape Video and Portrait Video areas are only for you to distinguish different mode of videos. Please refer to Appendix B for Portrait Video creation.



Layout Template Creation

1. Click the "**New Template**" button and enter template name to create a new layout template.
2. Highlight the template you would like to define its display zones.
3. Select **Screen Mode** (Landscape / Portrait).
4. Enable the checkbox of a display zone that you would like to create. Click the button of this display zone and use mouse to drag the zone size in the preview window.
5. Repeat step 4 to create more display zones if you like.
6. Use the "**…**" button to browse the background picture if you would like to setup background for the layout template. Or you can type the path in the column and click the "**Set**" button to load the background picture.
7. Click the "**Save**" button to save all settings.

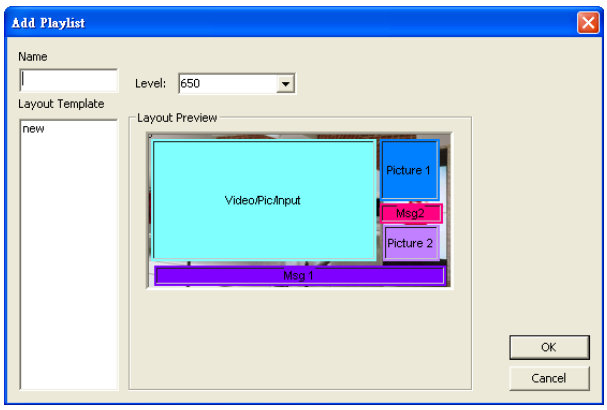


Step 6.2 Playlist

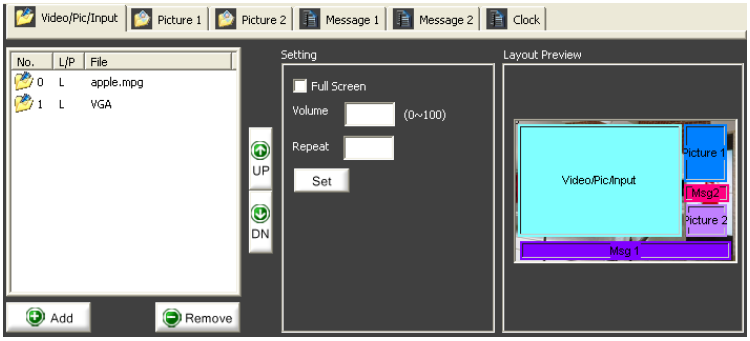
Playlist is a place where you can define media files playback, including video, picture, message, and clock.

Playlist Creation

1. Click the "**Add**" button to add a new playlist.
2. Enter playlist name then choose layout template and group level from the list.
3. Click the "**OK**" button to finish playlist creation.



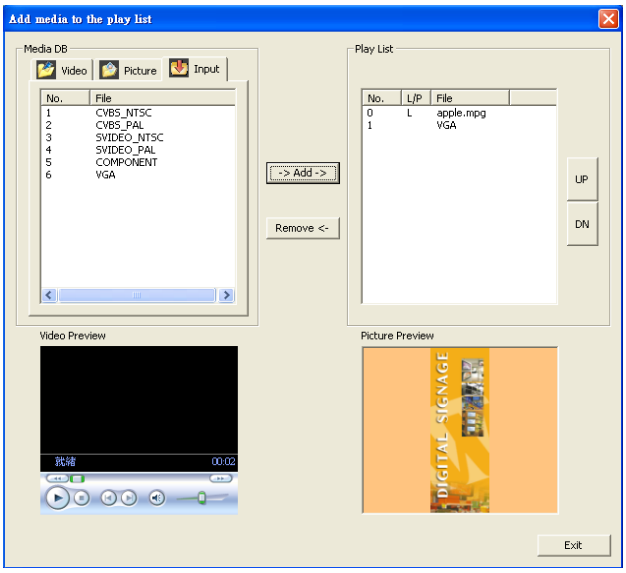
4. Highlight the layout template you would like to add media files. Depends on the layout you choose, you will see tabs for different display zone.



5. In each tab of display zone, use the "**Add**" and "**Remove**" button to add or delete media files.

Video/Pic/Input Zone*[6]

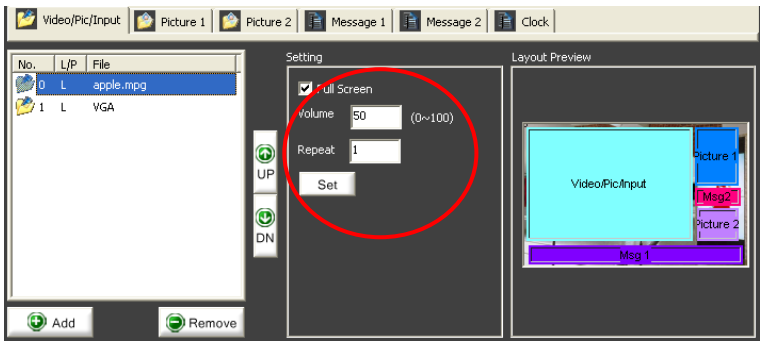
a. Select media files from Media DB and click the "**Add**" button to add it into playlist.



b. You can use the "**UP**" and the "**DN**" button to rearrange the playback order.

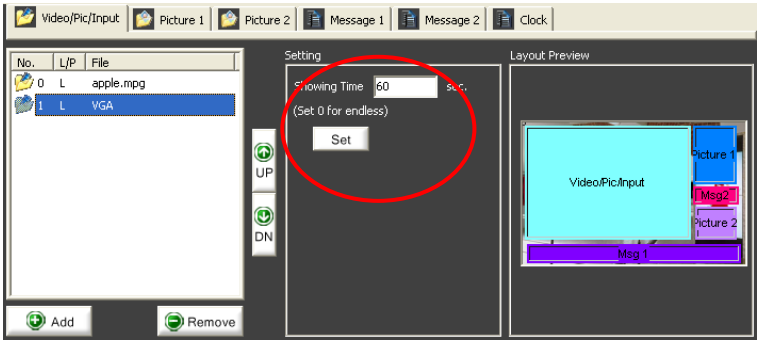
c. Click the "**Exit**" button to save settings.

d. The default display setting of video is full screen, volume level 50, and plays once then goes to the next media file. You can uncheck the full screen checkbox to remain original ratio, change volume and repeat time, and then click the "**Set**" button to save all settings.



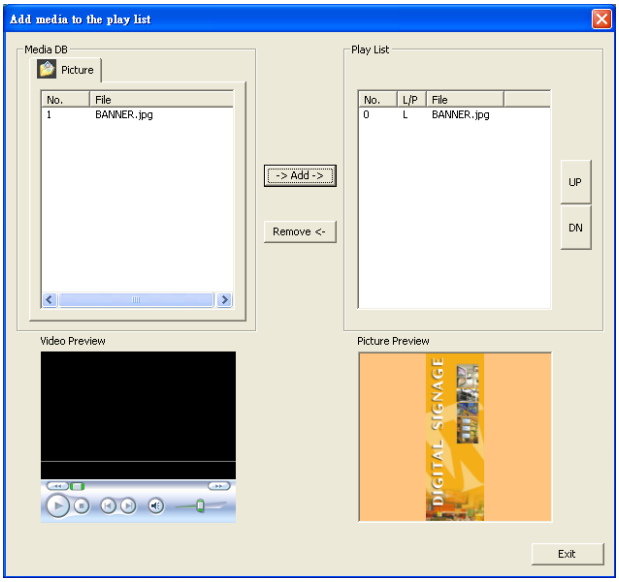
[6] The input signal can only be congested in certain model of network player, please make sure your network player support this feature.

e. The default playback duration of input signal is 60 seconds then change to the next media file. You can change the playback duration and click the “**Set**” button to save settings.



Picture Zone

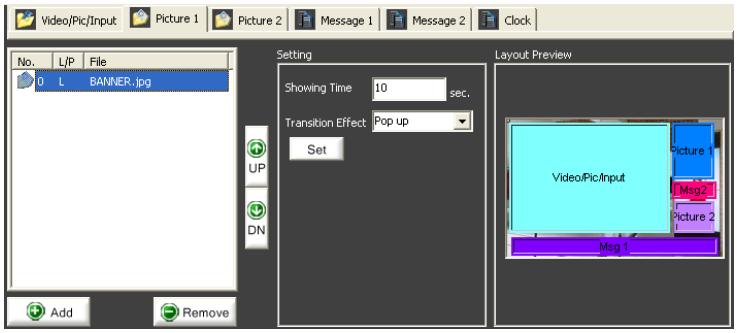
a. Select picture files from Media DB and click the “**Add**” button to add it into playlist.



b. You can use the “**UP**” and the “**DN**” button to rearrange the playback order.

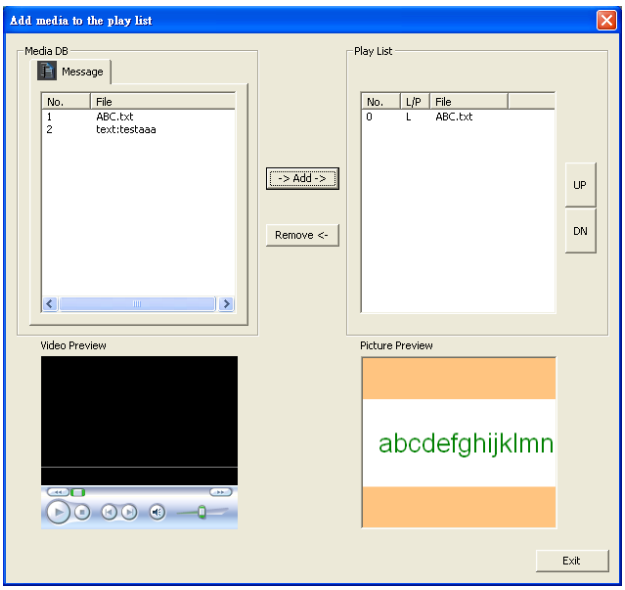
c. Click the “**Exit**” button to save settings.

d. The default playback duration of picture is 10 seconds and then goes to the next media file. You can change the picture showing time and transition effect, and then click the “**Set**” button to save all settings.



Message Zone

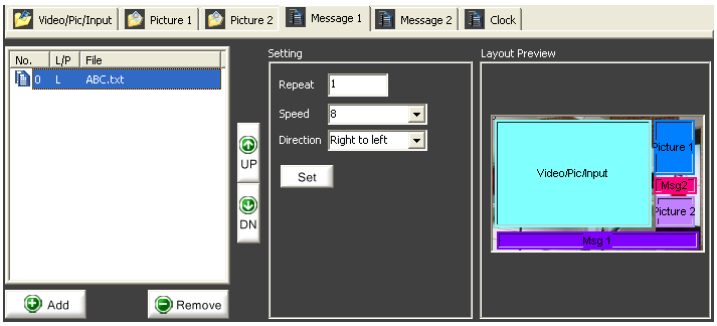
a. Select picture files from Media DB and click the “**Add**” button to add it into playlist.



b. You can use the "**UP**" and the "**DN**" button to rearrange the playback order.

c. Click the "**Exit**" button to save settings.

d. The default playback repeat time of message is one time, speed is 8 pixel*[7], and scrolling direction from right to left. You can change the repeat time, speed, direction, and then click the "**Set**" button to save all settings.



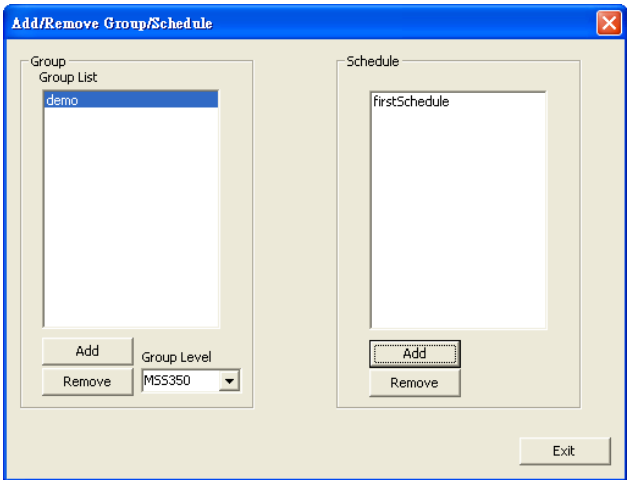
Step 6.3 Schedule

Schedule is a place where you can define playback schedule for groups and also setup playlist for this schedule.

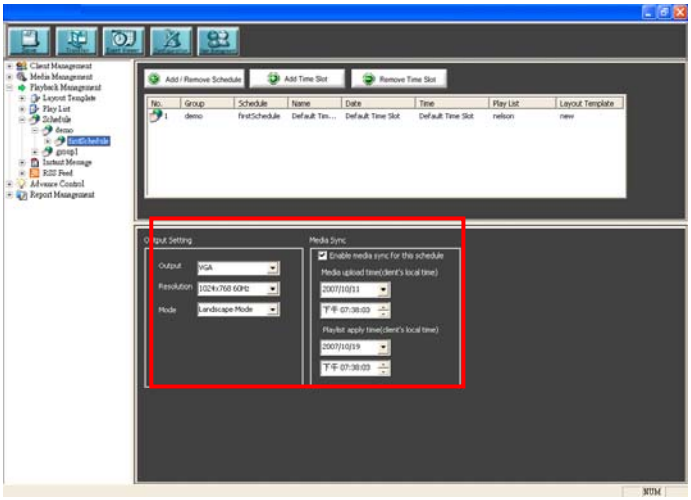
Schedule Creation/Deletion

1. Click the "**Add/Remove Schedule**" button to initiate schedule addition or deletion.
2. Choose a group which you would like to create schedule from the group list. Click the "**Add**" button to create a new group if at the moment the group does not exist.

[7] From 1-15, 1 indicates the slowest speed and 15 indicates the fastest speed.

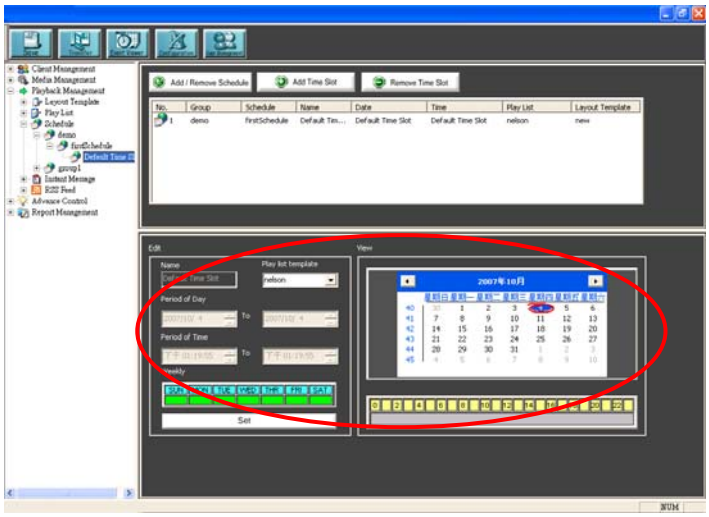


3. Click the "**Add**" button from the Schedule area, and then enter schedule name. Click the "**OK**" button to complete schedule addition.
4. Repeat step 3 if you would like to add more schedule. Click the "**Exit**" button when you are finished.
5. In schedule management window, you will see the schedule is created with default timeslot.
6. Highlight a schedule from the left pane and choose output type, resolution, and orientation from the lower pane.
7. You can check the "**Enable media sync for this schedule**" checkbox to enable auto media synchronization. If this is enabled, you should also specify media upload time and playlist apply time*[8].



8. Highlight the timeslot and choose a Playlist Template from the drop-down menu. You can select or unselect bars under weekly days to make schedule on or off. **Green bar means schedule on and red bar means schedule off**.

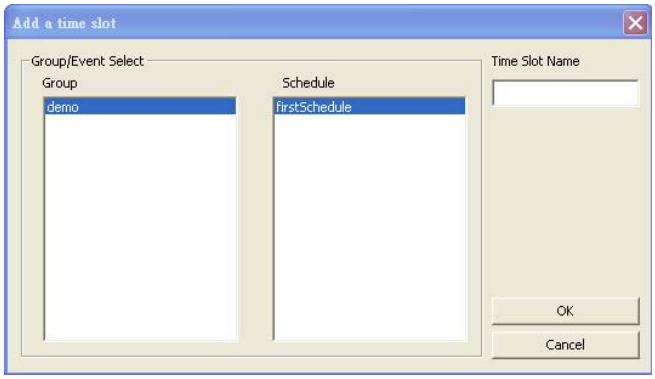
[8] Media Upload Time indicates the time that the network player will download media files and playlist. Playlist Apply Time indicates the time that the network player starts playing.



Timeslot Creation

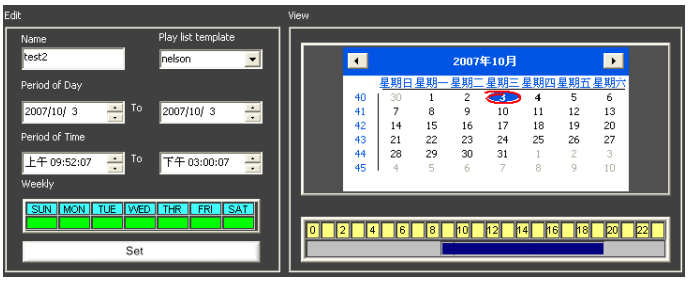
Except the default timeslot in a schedule, you can also create other timeslots for special events such as playing only during weekdays from 8AM to 5PM, special sales event for Oct 3 to Oct 5 from 11AM to 9PM. The priority of user-defined timeslot is higher than default timeslot. The schedule of default timeslot will be running if there are no other user-defined timeslots.

1. Click the "**Add Time Slot**" button to initiate timeslot creation.
2. Select the group and schedule you would like to add timeslot, and then enter timeslot name.
3. Click the "**OK**" button to complete timeslot creation.



4. Highlight the timeslot you just created and choose a Playlist Template from the drop-down menu, and then setup the playback date and time*[9]. You can select or unselect bars under weekly days to make schedule on or off. **Green bar means schedule on and red bar means schedule off.**

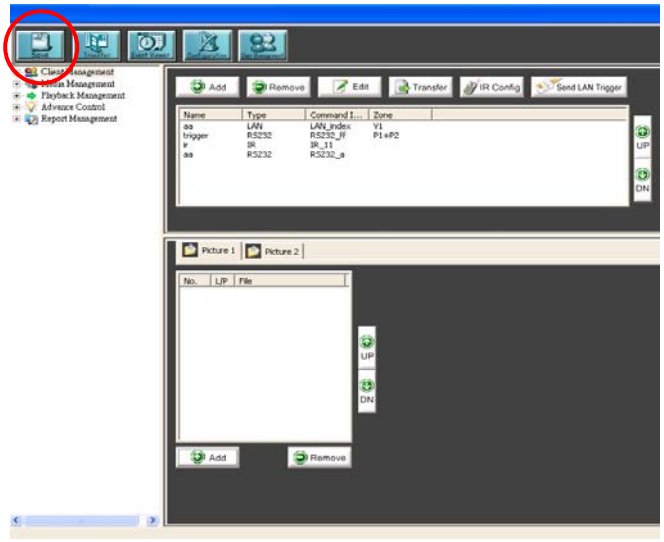
[9] The time of timeslots can not be overlapped if there are more than one timeslots in a date.



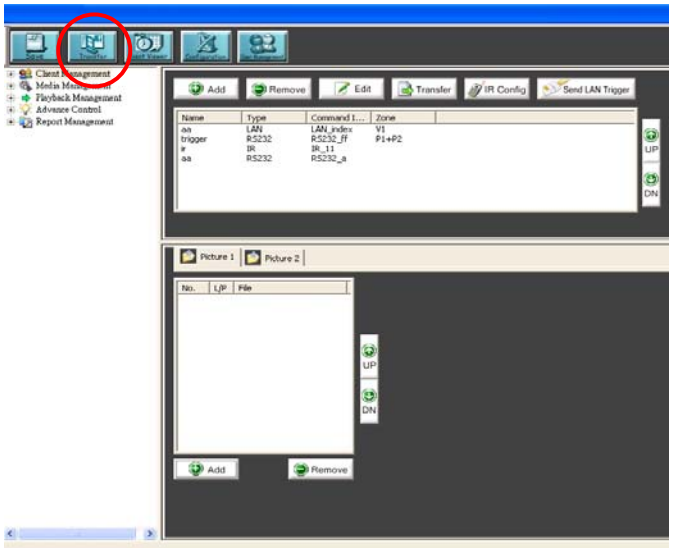
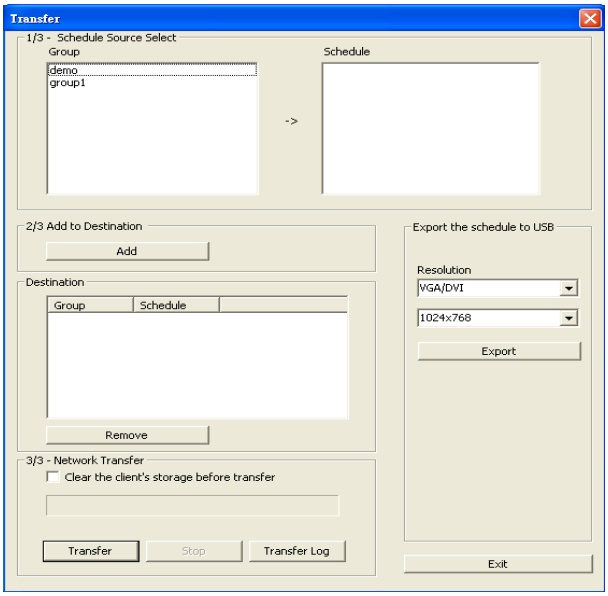
<Tips: use the calendar to view playlists>

Step 7 Save and Transfer

You should save all changes when you are done with all creation, deletion, modification, and other activities. Due to the numerous activities you might have done, the saving process may take a while (up to 30 seconds).



You should transfer schedule to groups in order to apply playlists.



1. Click the “**Transfer**” button to initiate transfer process.
2. Select a group and then select a schedule. Click the “**Add**” button to add this schedule into destination list.
3. Repeat step 2 if you would like to add more schedules. You can highlight a schedule from destination area and click the “**Remove**” button to remove it from destination list.
4. Check the “**Clear the client’s storage before transfer**” checkbox if you would like to clear out the client’s internal storage. Click the “**Transfer**” button to start schedule transfer.
5. You can click the “**Transfer Log**” button to view the transfer history.
6. If you would like to transfer selected schedules to USB drive, you should choose output type and resolution and then click the “**Export**” button to start schedule transfer.