

## Overview of This Manual

This Quick Start Manual explains how to carry out the most basic operations of the Sony BZNP-100 series Network Player Management Software. The contents include the essential setup that you have to do before starting to use the software, and how to create a small demonstration program as shown on the right. You can create the same program by using the following sample materials that are copied to your PC when you install this Quick Start Manual.

### Sample Materials and Playlist:

- Video (AVI and NSP format files)  
Video\_Sample\_1, Video\_Sample\_2, and Video\_Sample\_3
- Graphics  
Graphic\_Sample\_1, Graphic\_Sample\_2, and Graphic\_Sample\_3
- Text  
Text\_Sample\_1, Text\_Sample\_2, Text\_Sample\_3
- Playlist  
Playlist\_Sample

All the materials and a playlist needed to play the demonstration program. Some of them may not be used in the procedure.

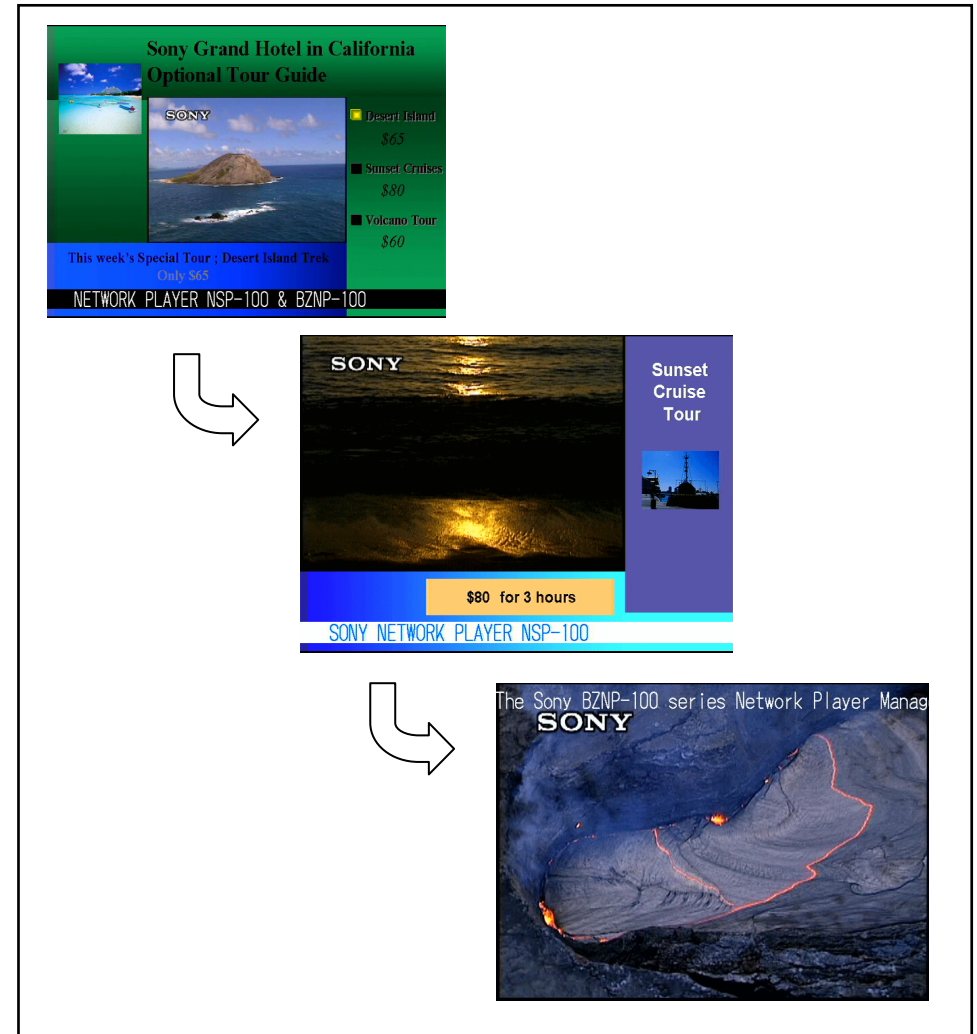
### Note on Viewing the Online Help

During operation, pressing the F1 key on the keyboard displays information (help) related to the window/dialog box currently having the focus. To see task-oriented information, click the Help Topics button or the "Table of Contents of This Help" link in the online help window.

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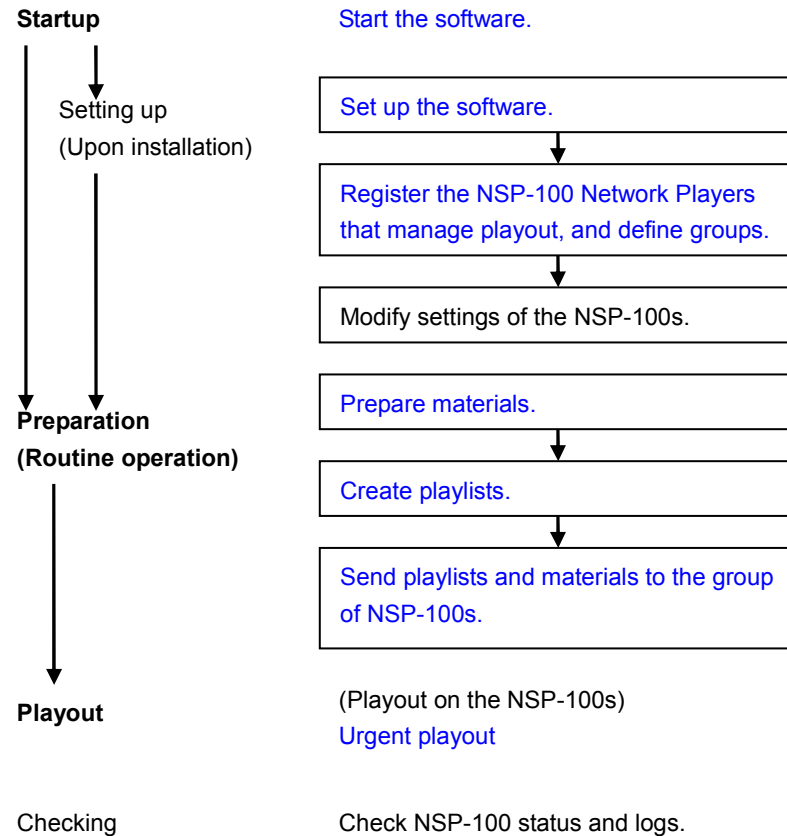
Try to create the following demonstration program.



## Operation Flowchart

The following chart shows an example of the flow of normal operation of this system to play demonstration videos on the street or presentation videos in the office.

Operations written in blue are covered in this Quick Start Manual.



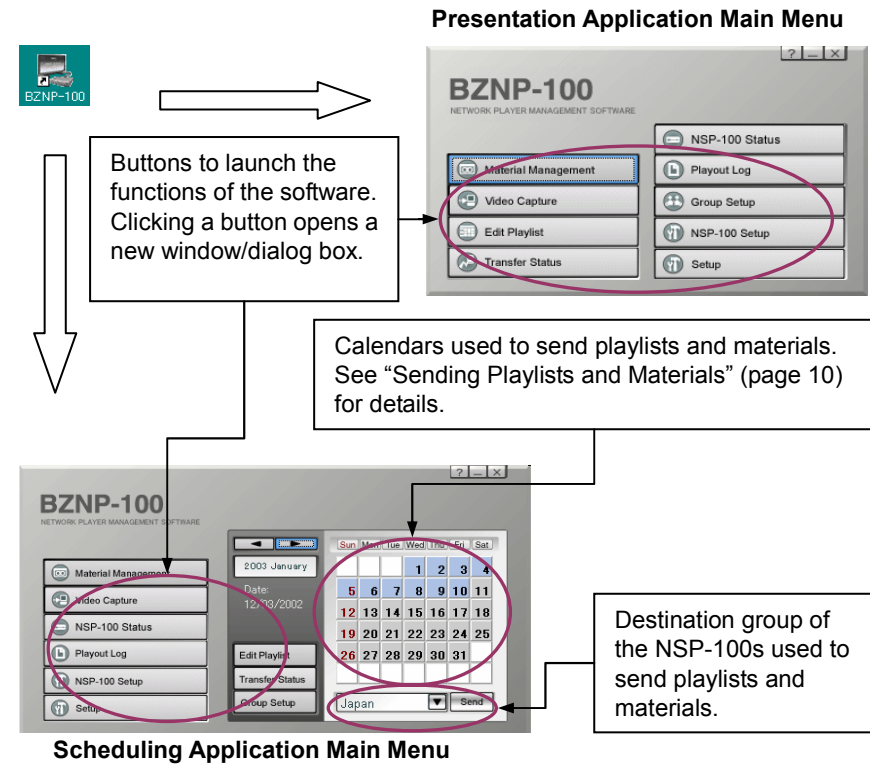
## Starting the Software

Double-click the shortcut icon of the BZNP-100 series software on your Windows desk top. If there is no shortcut icon, click the Start button, then click [Program] – [BZNP-100] – [BZNP-100E].

Either of the following main menus appears.

The main menu is always displayed while the software is operating, and you can use any function of the software by clicking the corresponding button on the menu displayed.

**Note:** Power on your NSP-100 Network Player, too.



## Setting Up the Software

Before creating materials and playlists, there is some setup necessary: setup of the software and registration related to the NSP-100.

For the software, you have to open the Setup dialog box, then check and modify, if necessary, the following setup items.

**Note:** If you change the application mode or video format, a message appears after step 4, asking whether you would like to restart the software. Click [Yes].

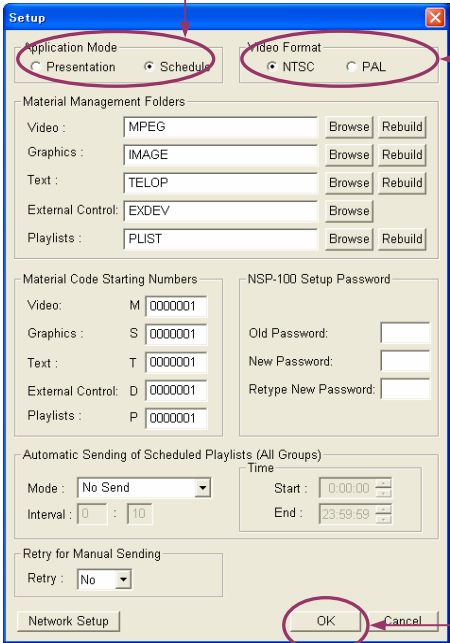
Next, you have to register an NSP-100 and a network player group.

**1** Click [Setup] on the main menu.

**2** Select "Schedule" to use the Scheduling Application.

**3** Select your video signal format, NTSC or PAL.

**4** Click [OK].



The screenshot shows the 'Setup' dialog box with the following fields and controls:

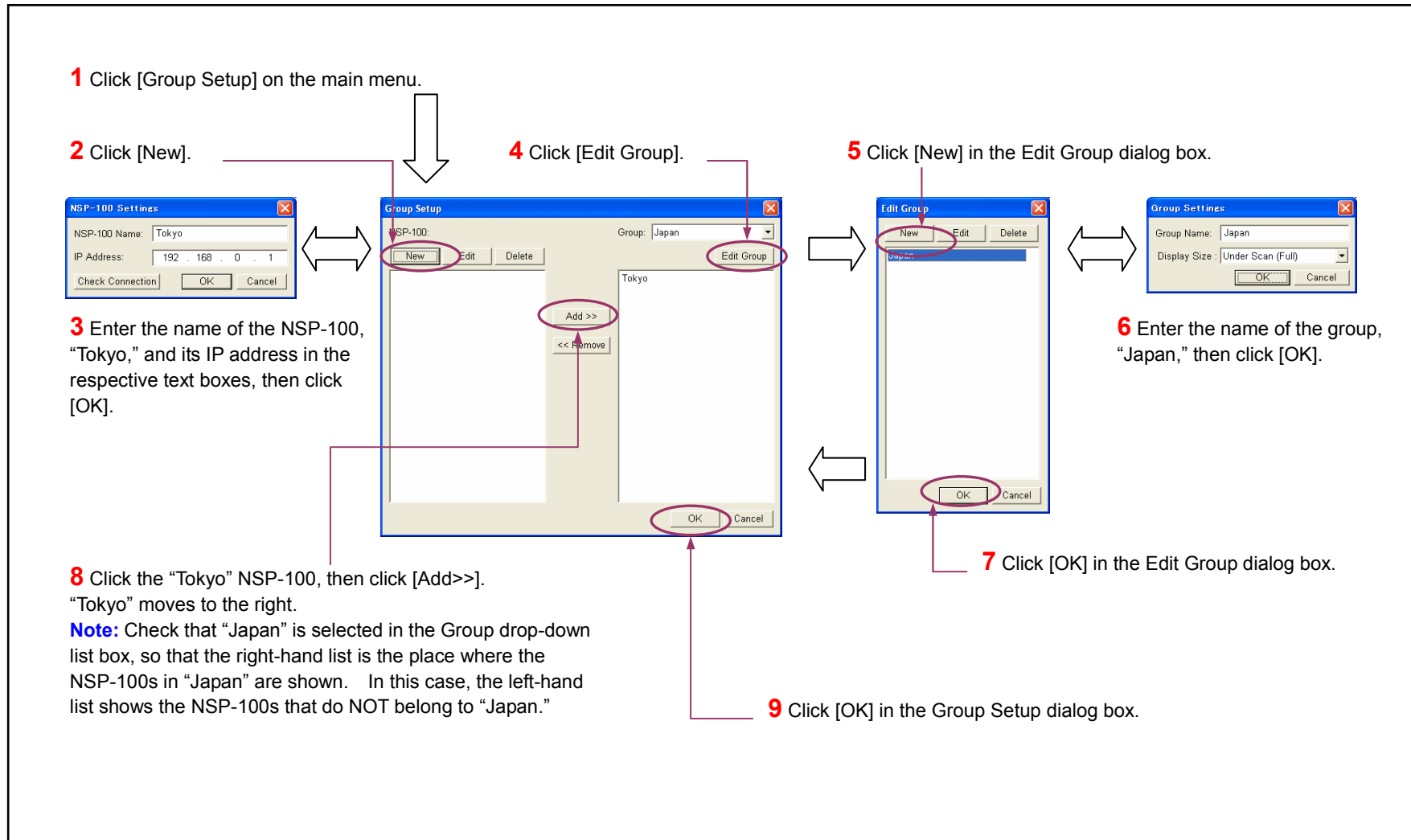
- Application Mode:** Radio buttons for 'Presentation' and 'Schedule' (selected).
- Video Format:** Radio buttons for 'NTSC' (selected) and 'PAL'.
- Material Management Folders:** Fields for Video (MPEG), Graphics (IMAGE), Text (TELOP), External Control (EXDEV), and Playlists (PLIST), each with 'Browse' and 'Rebuild' buttons.
- Material Code Starting Numbers:** Fields for Video (M), Graphics (S), Text (T), External Control (D), and Playlists (P), each with a numeric input field.
- NSP-100 Setup Password:** Fields for Old Password, New Password, and Retype New Password.
- Automatic Sending of Scheduled Playlists (All Groups):** A 'Mode' dropdown set to 'No Send', an 'Interval' field set to '0 : 10', and 'Start' and 'End' time pickers set to '0:00:00' and '23:59:59' respectively.
- Retry for Manual Sending:** A 'Retry' dropdown set to 'No'.
- Buttons:** 'Network Setup', 'OK', and 'Cancel' buttons at the bottom.

## Defining an NSP-100 and a Group

The system features group-based playlists and content distribution. You can define network player groups, and put each network player in one or several

groups.

The following chart shows how to register an NSP-100 named “Tokyo” and a network player group named “Japan.” The online help explains the procedure for registering more than one NSP-100 and network group.



## Preparing Video Material

Convert the supplied AVI file corresponding to "Video\_Sample\_1" into the NSP format by yourself using the following procedure.

**Tip:** There is a capturing function that enables you to create AVI files from DV video. See "Capturing DV Video" (page 11) for details.

**1** Click [Material Management] on the main menu.

**2** Select the Video tab.

**3** Click [Convert Material].

**4** Click [Browse] and specify the "AVI" folder under the folder where the software has been installed.

**5** Select the "Video\_Sample\_1.avi" sample file on the upper list, then click [Start]. Alternatively, move the file to the lower list using a drag & drop operation.

The bit rate can be changed using this dialog box.

Files to be converted that are stored in the selected folder appear on the upper list. Converted files (material) appear on the lower list on a blue background.

**Material Management**

No.	Code	Type	Title	Duration	Rate	Date Modified	Del. Date
0001	Ms0000N1	Sample	Video_Sample_1	00:00:15:00	9.0 Mbps	2003/01/01 00:00	
0002	Ms0000N2	Sample	Video_Sample_2	00:00:15:00	9.0 Mbps	2003/01/01 00:00	
0003	Ms0000N3	Sample	Video_Sample_3	00:00:15:00	9.0 Mbps	2003/01/01 00:00	

Prepared material is listed here.

**Convert Material**

C:\BZNP100\AVI

No.	File Name	Date Modified	Size
0001	Video_Sample_1.avi	2003/01/01 00:00	55,589 KB
0002	Video_Sample_2.avi	2003/01/01 00:00	55,589 KB
0003	Video_Sample_3.avi	2003/01/01 00:00	55,589 KB

100 % Parameter

No.	Code	Type	Title	File Name
0001	Ms0000N1	Sample	Video_Sample_1	Video_Sample_1.avi
0002	Ms0000N2	Sample	Video_Sample_2	Video_Sample_2.avi
0003	Ms0000N3	Sample	Video_Sample_3	Video_Sample_3.avi

Temporary File (Not Convert) Start Stop

**Parameter Settings**

Protection: OFF

File Size: Large

AVI

Video Rate: 9.0 [Mbps]

Filter (Audio): OFF

OK Cancel

## Preparing Graphics Material

Convert the supplied bmp file corresponding to "Graphic\_Sample\_1" into the NSP format by yourself using the following procedure.

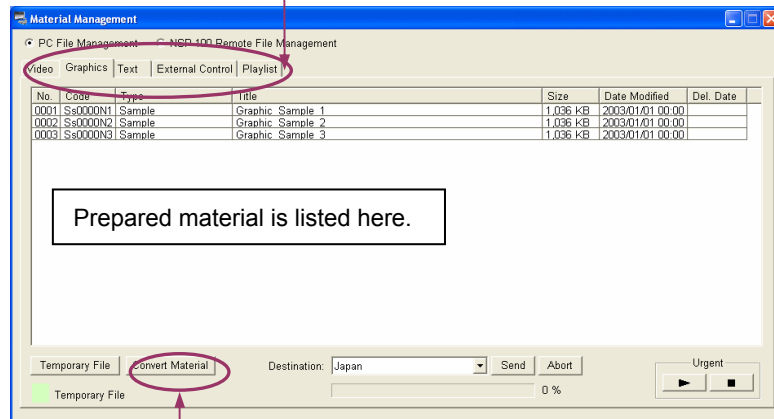
### Notes on Using Microsoft PowerPoint Slides

- Microsoft PowerPoint of Office 2000 exports full color JPEG files and 256-color bmp files. To use full color graphics files, you must convert the JPEG files into bmp files using a graphics converter.
- The following table shows the maximum size (W x H) of the graphics materials managed by the system.

The maximum size varies depending on the video signal and the display size used, either under-scan (full) or over-scan (88%). Check this table when defining the page size in PowerPoint.

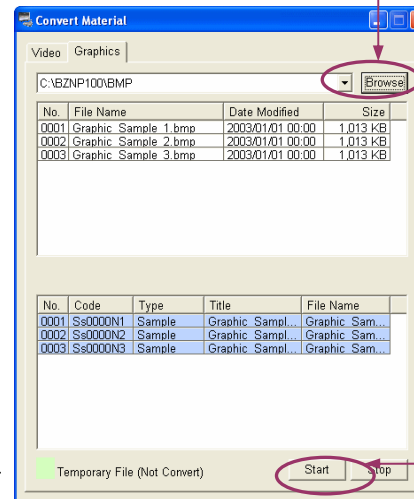
Signal	Display Size	Size (pixels)	Size (inches)
NTSC	Under-scan (Full)	720 x 480	10.00 x 6.67
	Over-scan (88%)	630 x 420	8.76 x 5.84
PAL	Under-scan (Full)	720 x 576	10.00 x 8.00
	Over-scan (88%)	630 x 504	8.76 x 7.00

- 1 Select the Graphics tab of the Material Management window. If this window is not open, click [Material Management] on the main menu.



- 2 Click [Convert Material].

- 3 Click [Browse] and specify the "BMP" folder in the folder where the software has been installed.



Files to be converted that are stored in the selected folder appear on the upper list. Converted files (material) appear on the lower list on a blue background.

- 4 Select the "Graphic\_Sample\_1.bmp" sample file on the upper list, then click [Start].

Alternatively, move the file to the lower list using a drag & drop operation.

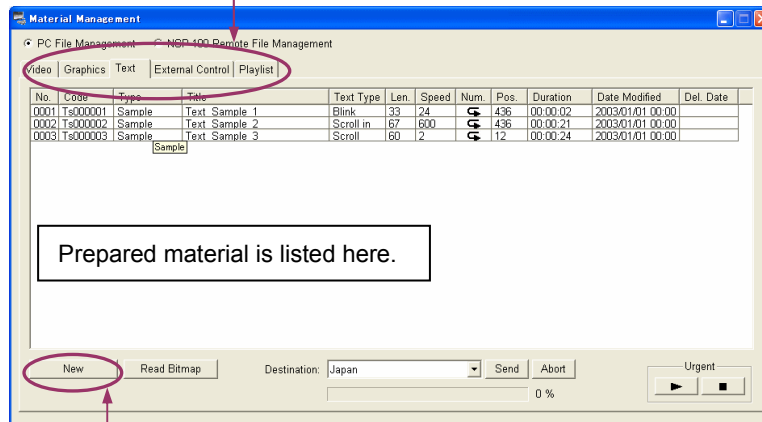
## Preparing Text Material

Create a piece of blinking text that is the same as the text in "Text\_Sample\_1" using the following procedure.

**Tip:** The system provides some text editing functions, such as allowing you to use a text file instead of typing text.

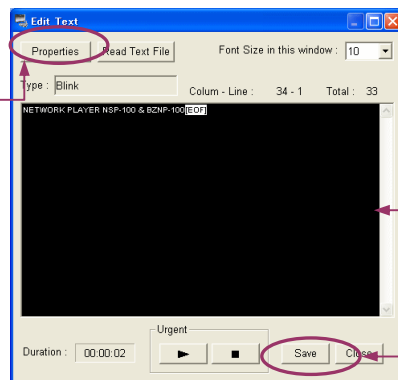
Refer to the online help for details on the text editing function.

- 1 Select the Text tab of the Material Management window.  
If this window is not open, click [Material Management] on the main menu.

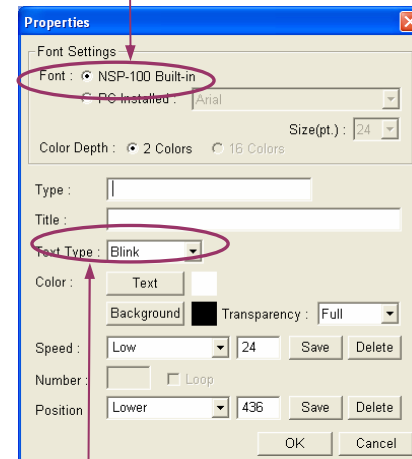


- 2 Click [New].

- 3 Click [Properties].



- 4 Select the NSP-100 built-in font.



- 5 Select [Blink] from the Text Type drop-down list box, and specify the other settings as shown in the figure, then click [OK].

- 6 Type the following sentence:  
"NETWORK PLAYER NSP-100 & BZNP-100"

- 7 Click [Save].  
The new piece of text material appears in the Material Management window.

# Creating a Playlist

Now, arrange the materials to make the same playlist as the sample. A playlist also has information on the positions of the video and text materials on the

screen, as well as scheduling data.

**Note:** The sample playlist is available if you are using the group named "Japan" referred to earlier.

**1** Click [Edit Playlist] on the main menu.

**2** Select the pieces of material and move them to the playlist, one by one, using a drag & drop operation, so that they are listed as shown.

**3** Right-click the top line, click [Display Setup], then specify the positions of the video and text on the screen. Repeat this for the second and third lines. See the next page (page 9) for details.

**4** Double-click the start time "00:00:00" of the top event, specify the desired start time, then press the Enter key.

**5** Click [Properties], and set the properties of the playlist. See the next page (page 9) for details.

**6** Check that the desired destination group, "Japan" is selected. If not, select it.

**7** Click [OK].

**Material List**

**Playlist**

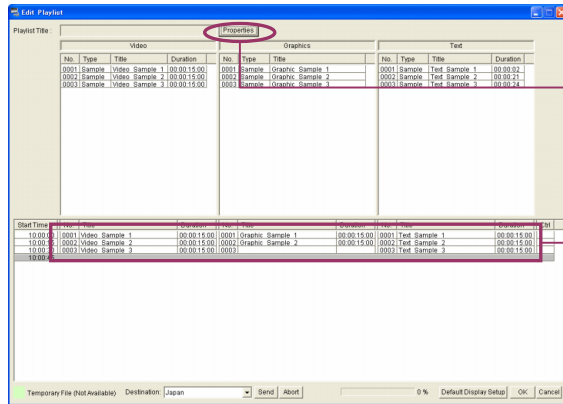
Video				Graphics			Text			
No.	Type	Title	Duration	No.	Type	Title	No.	Type	Title	Duration
0001	Sample	Video_Sample_1	00:00:15:00	0001	Sample	Graphic_Sample_1	0001	Sample	Text_Sample_1	00:00:02
0002	Sample	Video_Sample_2	00:00:15:00	0002	Sample	Graphic_Sample_2	0002	Sample	Text_Sample_2	00:00:21
0003	Sample	Video_Sample_3	00:00:15:00	0003	Sample	Graphic_Sample_3	0003	Sample	Text_Sample_3	00:00:24

Start Time	No.	Title	Duration	No.	Title	Duration	No.	Title	Duration	Ctrl
10:00:00	0001	Video_Sample_1	00:00:15:00	0001	Graphic_Sample_1	00:00:15:00	0001	Text_Sample_1	00:00:15:00	
10:00:15	0002	Video_Sample_2	00:00:15:00	0002	Graphic_Sample_2	00:00:15:00	0002	Text_Sample_2	00:00:15:00	
10:00:30	0003	Video_Sample_3	00:00:15:00	0003			0003	Text_Sample_3	00:00:15:00	
10:00:45										

Temporary File (Not Available) Destination: Japan Send Abort 0 % Default Display Setup OK Cancel

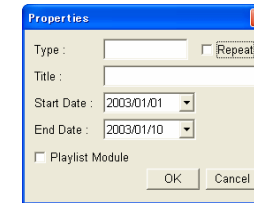


## Creating a Playlist - Continued



### 5 - Continued

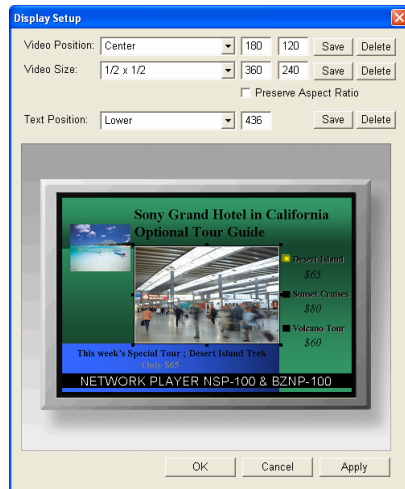
In the Properties dialog box, select today's date in the Start Date drop-down list box, and a date 10 days later in the End Date drop-down list box. Then click [OK].



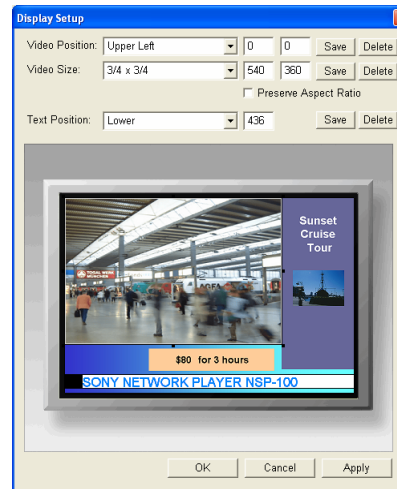
### 3 - Continued

Select the video positions and sizes, and the text positions in the respective Display Setup dialog boxes, as shown in the figures. Then click [OK].

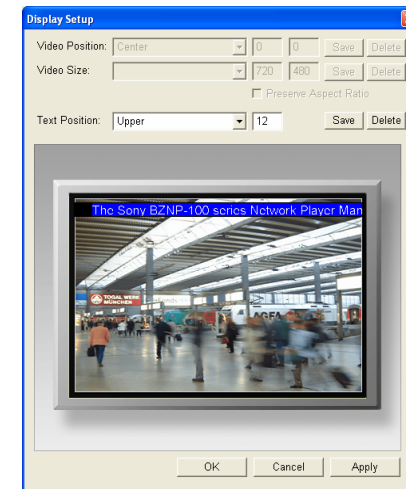
**Tip:** [Default Display Setup] in the Edit Playlist window is used to specify the default positions of the video and text.



For the top line



For the second line

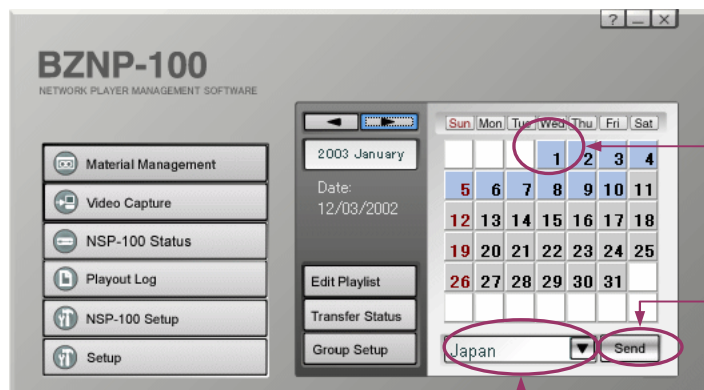


For the third line

## Sending Playlists and Materials

You can easily send a playlist and the necessary materials to NSP-100 network players. Use the main menu as shown in the following illustration.

**Tip:** You can select the desired playlist and send it with the necessary materials on the Playlist tab of the Material Management window. This method is available for the Presentation Application, too. Refer to the online help for details.



**1** Select the destination group, "Japan."

**2** Click today's date (or any playout date for the playlist to be sent).  
A gray frame appears.

**3** Click [Send].  
The playlist and the materials are sent to the group of network players.

### Colors used on the calendar

Background	Date color	Meaning
White	Gray or Brown	Non-playout day.
Gray	Black or Red	Playlist not yet created.
Green	Black or Red	Playlist being edited or already edited.
Light Blue	Black or Red	Playlists and materials are being sent.
Blue	Black or Red	Playlists and materials successfully sent.
Yellow	Black or Red	Necessary materials not yet sent.
Red	Black or Red	A transfer error occurred.

Now you have finished the operations necessary to show the demonstration program.

The network player "Tokyo" in the group "Japan" will automatically start playout at the time you specified in the playlist.

## Supplement-1 - Capturing DV Video

**Note:** These operations are not necessary to create the demonstration program shown at the beginning.

If you have a DV VCR or camcorder, you can use video recorded on a tape as video material. The following procedure captures DV video and creates an AVI file, so you can convert it into NSP format using the same procedure shown in “Preparing Video Material” (page 5).

**1** Connect the VCR and PC using an i.LINK cable, power the VCR on, and insert the desired DV cassette.

**2** Click [Capture] on the main menu.

**3** Click [Folder], then select the folder in which the AVI files should be stored.

**4** Cue up the desired In point using the buttons of the VCR control section, then click [In].  
The time code of the point appears.

**5** Cue up the desired Out point, then click [Out].  
The time code of the point and the duration of the clip appear. It is also possible to directly enter the time codes of the In and Out points. Clicking the corresponding cueup button on the right cues the specified point up, in such a case.

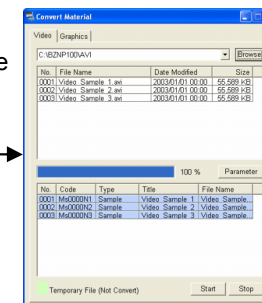


VCR control section

### Upon Conversion

Captured AVI files are shown here in the Convert Material window.

Click [Browse], then select the folder specified in step 3, if necessary



[Live REC] is for live recording. Clicking this button immediately starts capturing. It stops when you click [Stop].

**6** Click [REC].  
Capturing starts. It automatically ends at the specified Out point.

## Supplement 2 - Urgent Text Playout

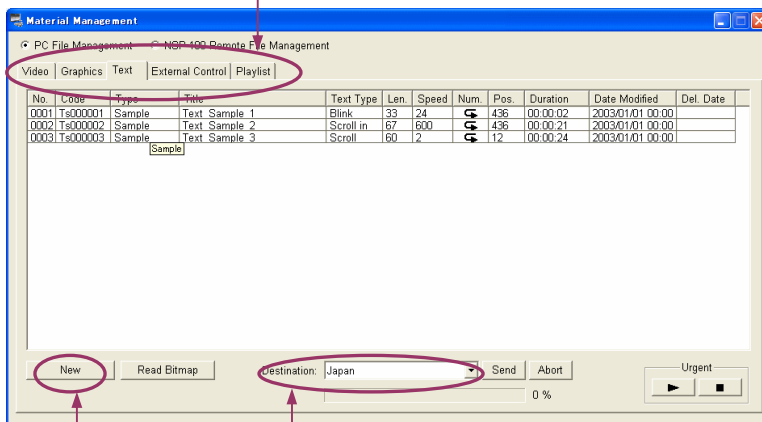
The system supports “urgent playout” that overrides ongoing playout and forces the network player to play a specific video/graphics/text piece of material or a

playlist.

This manual explains how to do “urgent text playout” to show a specific piece of text scrolling over the bottom of the ongoing playout screen. Refer to the online help for details on urgent playout.

**1** Click [Material Management] on the main menu to open the Material Management window.

**2** Select the Text tab.



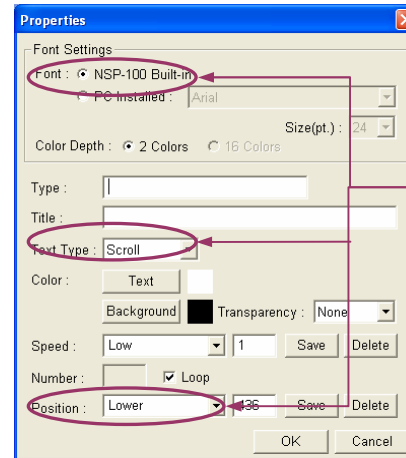
**3** Select the group where urgent text playout will be performed.

**4** Click [New].

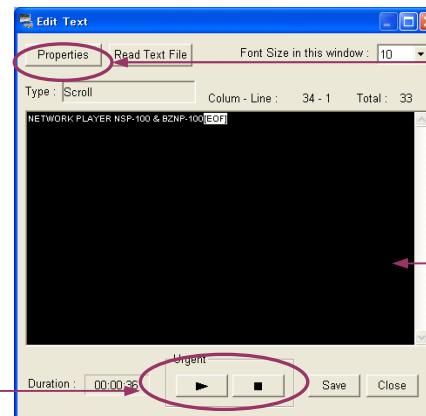
**8** Click the play button.

The typed text is sent to the network players of the selected group, then displayed.

Click the stop button when urgent playout finished.



**6** Select the NSP-100 Built-in font, [Scroll], and [Lower], then click [OK].



**5** Click [Properties].

**7** Type the text to be displayed.