



# Celebration Topper CAT Software User Manual

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## 1 Introduction to CAT

## 1.1 General Features

The CAT (Client Administration Tool) is a powerful, Windows PC based, content management program which allows you to create playlists and remotely control the media for Celebration Toppers. Media content can be in various forms, including MPEG video, JPG images, and MP3 or WAV audio files. The various features allow a wide degree of content control options and scheduling possibilities.

**Note**: This manual is specifically related to the CAT software. For hardware set-up and options, please refer to the Celebration Topper user manual.

The information in this manual refers to the various media player hardware options for the Celebration Topper, which are generically described here as model NP-xx. The default player is the NP-30 model and is the most common option.

## 1.2 Modes

The following are some of the various modes that the CAT software can control:

**CF CARD MODE -** Allows you to update your content by manually transferring to a CF card using in the Celebration Topper's NP-xx media player.

**CAT MODE -** Allows you to update the content of all your Celebration Topper's NP -xx devices remotely via your LAN

**HTTP URL MODE** allows you to create your playlists and upload them along with the associated media to a remote HTTP or FTP site. The Celebration Topper's NP-xx device(s) are programmed to automatically download any new playlist and media. In this mode, no direct connection is needed between the remote device and the PC running CAT.

**HTTP IPOSTER MODE** is similar to HTTP URL mode. The iPoster image file (.jpg) is uploaded to a fixed URL path. This mode setting instructs the topper's media player to check the defined URL for a new image within a programmable 5-99 seconds. If the file has a newer time stamp, the device will download the new image in the background and replace the current image.

**Note:** The same filename must be used for each new image, and is only available for Celebration Toppers using the NP-30 media player.

## 1.3 Playlists and Scheduling

Playlists created with CAT are used by the Celebration Topper's media player to control what and when media will be displayed. Playlists created in CAT define:

- The order your media will be shown.
- How long each media will be shown (still images).
- The time of day media will be shown.
- The day of the week your playlist(s) media will be shown
- The date range your playlist(s) media will be shown
- The transition effect used between each media image
- Where your media is stored
  - a. Local drive
  - b. Remote FTP server
  - c. HTTP web location

Additionally you can:

- Create playlists for use weeks or months in advance
- Upload images to your devices for future use
- Set the time of day to update your media
- Add text messages and RSS feeds in ticker format at the bottom of your screens.

## 2 CAT Installation

## 2.1 Software Installation

Download the latest CAT software from Suzo-Happ and unzip to a temporary folder on your PC. Run the **CATSetup.exe** program in order to install the CAT software on your PC. The default installation directory is **C:\Program Files\CAT**, but you may choose a different location.

#### IMPORTANT Firewall Setting:

#### To allow your device(s) to connect to CAT make the following changes in your Firewall setting

- 1. Go to your Windows **Control Panel**
- 2. Double click on Windows Firewall
- 3. Select the "**Exceptions**" Tab
- 4. Check CAT or Client Administration Tool

Run the CAT.exe program, and check to make sure that program loads properly. If the program does not load properly or error windows appear, please contact Suzo-Happ technical service for further instruction

## 3 Initial Set-up

## 3.1 Hardware Setup for CAT

1. Insert a formatted Compact Flash into the card slot on the Celebration Topper (refer to the Celebration Topper User Manual for detailed installation instructions).

2. Connect the network cable from the Celebration Topper to your LAN

3. Apply power to Celebration Topper.

4. Set-up the OPERATION MODE from the SETUP menu and then set the SERVER location and PLAYER IP from the NETWORK menu on the Celebration Topper (refer to the Celebration Topper user manual for detailed installation instructions regarding this step).

If you are not sure of the IP address of your server location, run the CAT software, click on Tools, and then select Server Setup Utility:

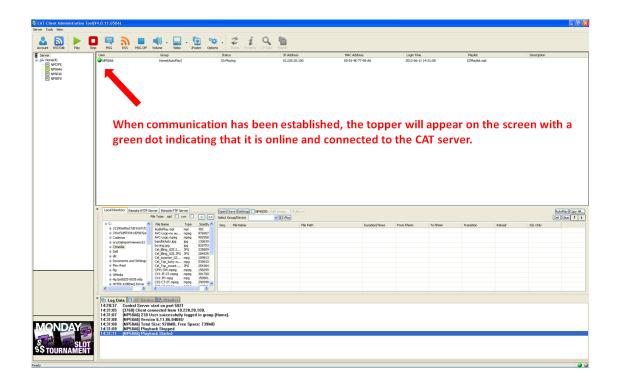
Change Password		Volume Video	e Poster	o cotore	E i C	A 📋 Data Powiet							
RS232 Utilky Playlist Scheduler	User	Group		94	atus	IP Address	MAC Address	Login Time		Playlist		Description	
Clerk Seng Ušliky Language •													
	Local Directory Renote HTI     Social Directory Renote HTI	Server Remote FTP S File Type: mpl File Name Folds20e25000	yuy 🗌 📑	> >> Select Size(By Seq.	Save Settings NP40/50 t Group (Device Pile Name	00 Add Innys	Duration/Times	From hitman	To hhmm	Transition	Reload	D(L Only	RetoPhy)Co Del Gear
		File Type: mpl  File Name fc8da30e25000	yuv I S Type S bit I	> >> Select Size(By Seq.	t Group/Device	V EZ-Play	Duration/Times	From Nitrins	To himm	Transition	Reload	D(LONY	RdoPhys Del Clear

Next, click the update button. Your PC's IP address will the shown in the "Local IP Address" window. Record this IP address. You will need to enter this address on the Server Setup Page. Consult your IT department if assistance is necessary.

Server	Server
Startup	Control Server
	Server Port 2021
	Note: CAT is required to be closed for new port
	PASV Port Start 5022 Range 10
	Max. Users 500
	Max uses
	Check password when player login
	Other
	Local IP Address 10.230.1.192 Update

5. Once the network settings are complete, cycle the power to the topper. After the power cycle, the screen will show "INITIALIZING LAN", "CONNECTING DHCP SERVER", and then "MAIN MENU" will appear.

6.. Run the CAT software by double clicking on the CAT desktop shortcut, and verify that the topper connects to the server. When the topper is connected, the round status indicator dot on the screen will change from a red color to a green color to indicate that communication has been established:



## 3.2 User Account Set-up

The user account allows for set-up of the player name and creates password control. Set-up is optional. If no account name has been set-up, the topper will default to a name that includes the prefix "NE" followed by the last four digits of the MAC address.

- 1. Start the CAT software
- 2. Select Tools, and then Add/Edit Account
- 3. Select User Account and then Next

Account Management		X
<b>S</b>	This wizzard allow you to add and edit all group and user account in $\ensuremath{CAT}$	
	<ul> <li>O User Group</li> <li>O User Account</li> </ul>	
	Prev Next Can	el

4. Select **New** to enter a new user account. Enter the player name in the **Account Name** field and assign a password (optional). The Default password is 123.

Account Manageme	ent		$\mathbf{X}$
Account Name	NPSEF8	max 8 char	
Password		max 4 char	
Description			
Group	Home		
Disable Accourt			
	n.		
		Prev Finish Cancel	

- 5. Enter information in the **Description** field for your own reference (optional).
- 6. Click Finish when your entries are complete.

7. Check to make sure that Celebration Topper is connected to the CAT server and shows the new account name..

## 3.3 Media Preparation

1. Create and/or convert your media files to match the standards necessary for playback:

#### Video Formats:

• MPEG-1, MPEG-2, MPEG-4, Divx

#### Audio Formats:

•WAV, MP3 (32K - 320K bps)

#### Image Format:

• JPEG (max resolution: 5120x3840)

#### Suggested Video Settings:

MPEG Video, with the following conditions:

- Videos Created at 1280x720
- Codec Information:
  - a. MPEG2 Program Stream
  - b. Field Dominance: Top First
  - c. Aspect Ratio 16:9
  - d. Frame Rate: 29.97 fps
  - e. Bit Rate: 6.0 Mbps Constant
  - f. Audio: 48000 Hz 192 kb/s Stereo
- 2. Store the media files that you want to add to your playlist in a convenient location on the server.

**Note:** It is recommended that media is stored on the server in an appropriately named folder on the server's root directory. This will make your media files easy to locate for playlist creation.

Contact Suzo-Happ for the location of sample media or if you need HTTP or FTP storage space.

## 4 Using the CAT software

## 4.1 Basic CAT Functions and Layout of User Interface

CAT-Client Administration Tool	(V4.0.11.0506)												
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Account RSS Edit Play Sto	-	MSG Off Volume Video	Poster C	Options Status	Property CF Data Playlist								
Server B-24 Home(4)	User NP58A6	Group Home(AutoPlay	)	Status S3:Playing	IP Add 10.228	20.100	MAC Address 00-01-9E-77-58-A6	Login Time 2012-06-11 14:	31:08	Playlist EZPlaylist.mpl		Description	
NPS7FE													
NPSE48													
		List of J	Activ	Ton	nore								
		LISCOL	ACTIV	eiop	pers								
Group													
List													
LISU													
						MPL Co	mmander						
	🕈 🛛												+
	* Local Directory Re	mote HTTP Server Remote FTP Se	erver	Open Save Se	ttings NP40/S0 Add Image	FullSon							AutoPlay Copy All
		File Type: mpl											Del Clear + +
	<ul> <li>C:</li> <li>* 31390a95a17</li> <li>* 7d1cf2d5f334</li> </ul>		Type Size(By mpl 382		ine	File Path	Duration/Times	From hhmm	To hhmm	Transition	Reload	D/L Only	
	Cadence     crystalreporty	AVC-Logo.mpeg bandtickets.ing	mpeg 902558 ipg 130639										
	® Opedia	boxing.jpg Cel_Bling_G2E 2 Cel_Bling_G2E.JPG	jpg 828753 JPG 335809	3									
	dic * Documents an		mpg 10 3				Pla	ylist Fi	les				
Browse	<ul> <li>Flex Reel</li> <li>€ ftp</li> </ul>	Cel_Top_mount CPV1-SW.mpeg	JPG 254384 mpeg 158299										
	GMedia  Hp Ijm5025-5i	CV1-3F-2T.mpeg CV1-3Fr.mpg	mpeg 301780 mpg 150501		le List Wi	ndow							
Window	* HYTEK IUSEDA	AQ Driver V CV2-CT-2T.mpeg	mpeg 290398		IE LIST WI	nuow							
	× 🗈 Log Data 🗐	CF Device 🕞 Playlist											
	14:28:37 Cont	rol Server start on port 502 B] Client connected from 10											
	14:31:07 NP5	8A6] 230 User successfull 8A6] Version 6.11.86.0408	y logged in gro	up [Home].		Window	,						
MONDAY	14:31:09 INP5	8A6] Total Size: 970MB, Fr 8A6] Playback Stopped	ree Space: 739	MB	205								
The state	14:31:11 NP5	8A6 Playback Started											
SS TOURNAMENT		Status B	lar										
		Status L											

Group List - Shows all active topper groups

**List of Active Toppers** – List of all active toppers and the current status. A green color indicator dot shows that the topper connection is established

**MPL Commander –** This section is used for playlist creation and control. The **Browse Window** is used to navigate your computer for media folders, and the **File List Window** is used to navigate the folder for individual media file selection. The selected files for playback are shown in the **Playlist Files** window.

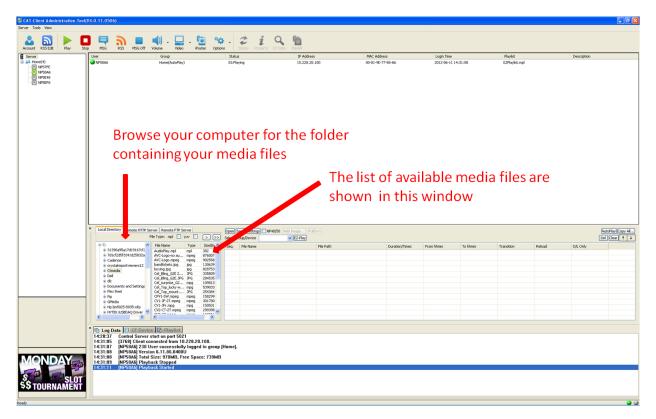
Log Window – Indicates the current activity and status for individual toppers.

Status Bar – Indicates the status of the CAT software overall

## 4.2 Creating Media Playlists in CAT

#### 4.2.1 Selecting Files for the Playlist

1. Browse your computer using the CAT navigation window and locate the folder where your media files are stored.



2. Select the first file that you want to use for your playlist. If the file is an image file, it will be shown in the preview window.

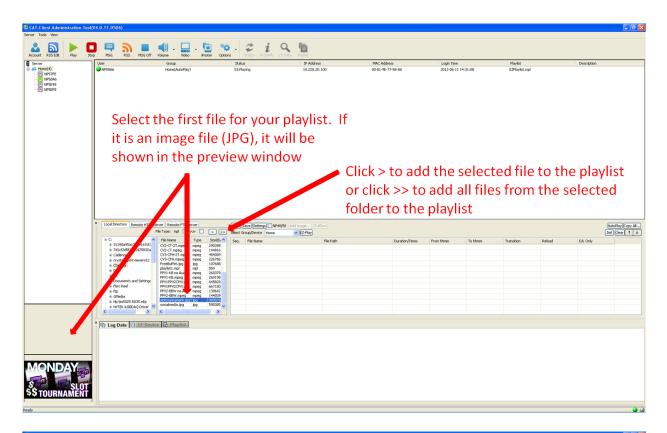
3. Add the file to the playlist by selecting the ">" button. If you would like to add all files from the selected folder, select the ">>" button.

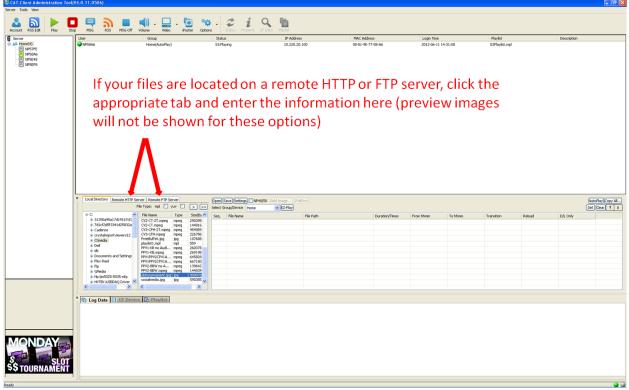
4. If the files are stored in a remote HTTP or FTP location, click the appropriate tab and enter the HTTP or FTP location address information.

**Remote HTTP Server**: Enter the complete URL address and filename(s) for the files stored on a remote HTTP server. There is a limit of two folder levels: yoursite.com/level1/level2/filename.jpg

Remote FTP Server: This function will instruct the device to log onto an FTP server. After selecting the

Remote FTP Server tab, click the "Property" button and complete the information necessary to connect to the FTP site, and then click "Connect". The available files will appear in the center window. Select the files you wish to add to your playlist and move them to the right window using the ">" button.





5. Once the desired files have been selected, they will be shown in the Playlist Files window. The playlist header columns indicate the settings for individual media files, and allow customizing the playback options. The playlist control buttons allow you to change the order of files, delete unwanted items from the playlist, save and deploy playlists, as well as other editing functions:

#### 4.2.2 Playlist Columns

The playlist columns show the various attributes of each media file. The descriptions below explain each of the column headers and which attributes may be changed for further playlist control.

	ave Settings NP40/50 Add I roup/Device Home	mage) FullSon							toPlay Copy All
Seq.	File Name	File Path	Duration/Times	From hhmm	To hhmm	Transition	Reload	D/L Only	
2	FreeBuffet.jpg	C:\Ctmedia\	10	0750	2000	ROLL:RIGHT TO LEFT			
3	socialmedia.jpg	C:\Ctmedia\	10			ROLL: Top to Bottom			

**Seq** -Sequence of playlist files. The order, starting from the top, defines the order that a playlist file will be played.

File Name - Filename for each playlist file

File Path - File location. This is the local, HTTP or FTP location of the media file

Duration - How long each image file will appear in seconds

**From hhmm** - The time of day that the file will be displayed. If no entry, the default is 24hrs at 7 days per week

**To hhmm** -Time of day that the file will stop being displayed. If no entry, the default is 24hrs at 7 days per week

Transition - A pull down menu allows for 13 different image transitions that may be used for image files:

- Full screen (no effect)
- Roll: top to bottom
- Roll: bottom to top Revised : 6/15/2012 12:44:00 PM- JL

- Roll: top/bottom to center
- Roll: center to top/bottom
- Blind: top to bottom
- Roll: left to right
- Roll: right to left
- Roll: left/right to center
- Roll: center to left/right
- Roll: implode
- Blind: left to right
- Cross fade

Reload - Reload the playlist file to the CF card

D/L Only - Download a playlist file for future use. The file will not be played until it is on an active playlist.

#### 4.2.3 Playlist Control Buttons

	Save Settings NP40/S0 Add In roup/Device Home	ege FullScrn EZ-Play						AutoPlay Copy All Del Clear †
Seq.	File Name	File Path	Duration/Times	From hhmm	To hhmm	Transition	Reload	Secury
1	slottournament.jpg	C:\Ctmedia\	200	0930	2300	ROLL:Bottom to Top		
2	FreeBuffet.jpg	C:\Ctmedia\	10			ROLL:RIGHT TO LEFT		
3	socialmedia.jpg	C:\Ctmedia\	10			ROLL: Top to Bottom		

Del – Delete a selected file from a playlist

Clear - Clear/Delete an entire playlist

**Up Arrow** – Move the selected file to a higher order in the playlist sequence.

**Down Arrow** – Move the selected file to a lower order in the playlist sequence.

**Copy All** – This feature can be used to copy the playlist and files directly to a CF card or to a USB flash drive for COPY or SYNC functions.

#### 4.2.4 Global Playlist Settings

Global playlist settings can be edited by selecting the **Settings** button. Included are the following options:

No.       N	CAT-Client Administration Too	I(V4.0.11.0506)								×
Exame: ISS die Tury         Tex         Note: Not	Server Tools View									
Image: Second										
Image: Second	Server	User	Group	Status	IP Address	MAC Address	Login Time	Plavlist	Description	
Product         Product <td< th=""><th>⊟ 24 Home(4)</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>	⊟ 24 Home(4)									
SUZO() HAPPs scol., INF	Image: second	Loss     Loss Dectory     Remain HTP     Control     Contro     Control     Control     Control	2010         Home(Add/Sky)           Home(Add/Sky)         Filepided Settings           Filepided Settings         Filepided Settings           Packer Ray Test         Date Settings           Date Settings         Date Settings           Date Setings         Date Setings	2 Satur S3Hiying	P Addess 10.228-30.100 4 (maga) Patient	00-01-96-77-60-46	2012 06-12 10:10:54	E2RsyAt.red	(europ) (europ) (europ)	Copy Al

Note: These optional settings must be selected and confirmed BEFORE saving your playlist

Picture Play Timer - Default image display duration

Use Global Transition - Ignore individual image transition settings

- Full screen (no transition)
- Random (from the 12 available transitions)
- Cross Fade (all images will use the cross fade transition).

#### **Delete Files:**

- Format CF card (*This option will delete all files in the CF card then download new files based on the playlist.mpl file*)

- Files not in playlist
- Files in this playlist

Mute Sound - Mute sound output

**Download Schedule** – Download ONLY at the time set. This option will write download time into playlist file. The topper will not start download until the download time is reached. The topper will start to download content according to this setting, NOT the reboot or restart time.

#### 4.2.5 Other Options Within the MPL Commander

#### File Type:

**mpl**: Use this file filter check box to list playlists (extension .mpl) only. This feature is to support multiple playlists with time range settings.

**yuv**: This file filter is used f toppers with the NP-40 and NP-50 media player option only. See the respective user manual for details.

**NP-40 checkbox** – This option is for toppers with the NP-40 media player option only. The default is for this option to remain unchecked.

#### 4.2.6 Saving and Deploying the Playlist

After the playlist has been completed and all desired options have been applied, the playlist can be saved and deployed to the selected toppers. The following are the relative options:

		nage) FullSorn EZ-Play							toPlay opy All
Seq.	File Name NP58A6	File Path	Duration/Times	From hhmm	To hhmm	Transition	Reload	D/L Only	
1	slottournament.jpg	C:\Ctredia\	200	0930	2300	ROLL:Bottom to Top			
2	rreeburet.jpg	C. (ctmedia)	10			ROLL:RIGHT TO LEFT			
3	socialmedia.jpg	C:\Ctmedia\	10			ROLL:Top to Bottom			

Select Group/Device - The playlist will be sent only to a specific topper, or all toppers within a selected group

**Open** – Open a previously saved playlist for editing or deployment.

Save – Save the playlist for future retrieval and editing

**EZ-Play** – Select the EZ-Play to immediately deploy the playlist and media files to the selected topper(s). Note: If the topper is currently playing media, it must be stopped (stop button on the toolbar), prior to selecting EZ-Play and beginning the file transfer.

**Autoplay** – Select the Autoplay button to delay the playlist and media transfer until the next power cycle or topper reset. This option assigns a playlist (Autoplaylist.mpl) file for the specified group and enables Autoplay mode.

## 4.3 Toolbar Functions

The toolbar allows convenient access to some of the most common media control functions.

🕙 CAT-Clie	ent Admini	stration	Tool(V4.0	.11.050	6)									
Server Tool	s View													
Account	RSS Edit	Play	Stop	RSG	RSS	MSG Off	Volume -	Video	. Poster	options	<b>2</b> Status	i Property	Q CF Data	Playlist

#### 4.3.1 Account and RSS edit tools

#### Account



Shortcut to **Tools > Add/Edit Account** (see section 4.4.2 for a detailed description)

#### **RSS Edit**



This control is used to add, edit or remove RSS feed links.

Note: These options are available only when the device is connected directly to CAT.

When selected, the following window will appear:

S Yahoo N ESPN.co	 <c#spn feed:="" poker<br=""><c#spn <c#spn -="" 2012="" at="" draws="" of="" ohel="" pr<br="" randy="" series="" win="" world=""><c#sop \$1,000="" \$440,829="" -="" 2012="" at="" gathy="" into="" michael="" turns="" wo<br=""><c#sop \$1,000="" \$440,829="" -="" 2012="" at="" gathy="" into="" michael="" turns="" wo<br=""><c#sop \$1,000="" \$400,820="" -="" 2012="" at="" gathy="" into="" michael="" th="" turns="" wo<=""></c#sop></c#sop></c#sop></c#spn></c#spn </c#spn>
	< <wsop -="" 2012="" 22<br="" at="" clifford="" event="" goldkind="" second-largest="" wins="">&lt; <wsop -="" 2012="" adam="" defasts="" friedman="" fursions="" stu<br="" to="" todd="" win="">&lt; <wsop -="" 2012="" 5<br="" at="" brandon="" schaefer="" shootout="" wins="" world="">&lt; Andrew Feldman on WSOP &lt; <wsop -="" 2012="" and="" created="" hellnukh="" ivey="" mc<br="" of="" one="" phil="" the="">&lt; <wsop -="" 12th="" 2012="" braclet<br="" hellnukh="" phil="" record="" wins="" wsop="">&lt; <wsop -="" 12th="" 2012="" braclet<br="" hellnukh="" phil="" record="" wins="" wsop="">&lt; <wsop -="" 12th="" 2012="" braclet<br="" hellnukh="" phil="" record="" wins="" wsop="">&lt; <wsop -="" 12th="" 2012="" braclet<br="" hellnukh="" phil="" record="" wins="" wsop="">&lt; <wsop -="" 12th="" 2012="" braclet<br="" hellnukh="" phil="" second="" wins="" wsop="">&lt; &lt;<wsop \$10,000="" -="" 2012="" brian="" char<br="" hastings="" heads-up="" wins="" world="">&lt; <wsop \$10,000="" -="" 2012="" brian="" char<="" hastings="" heads-up="" th="" wins="" world=""></wsop></wsop></wsop></wsop></wsop></wsop></wsop></wsop></wsop></wsop></wsop>
	c
RS5 Settings	< <u>&gt;</u>
RSS Settings Enable Auto RSS	× ×
	reground Color white V Transparent 0% V
Enable Auto RSS	reground Color white V Transparent 0% V

The settings in this window control whether or not the feed will be automatically set, and define the appearance of the feed. Options include:

**Enable Auto RSS** – This option will start the assigned RSS feeds automatically when the toppers log on the server running CAT. When using this feature, there is no need to select the RSS icon to start the RSS feed manually.

Background Color – This option sets the background color for the RSS ticker feed.

Foreground Color – This option sets the foreground color for the RSS ticker feed.

**Transparent** – This pull down menu gives the ability the set the transparency percentage of the RSS ticker feed bar.

**Speed** – This option sets the speed of the feed for the RSS ticker. Options are Normal (default), Fast and Slow.

**Clock** – A clock can be added to the display by using this option. The clock may be set to "on" or "off" (default).

**Lead Characters** – These are user defined characters that may be added as a prefix to the feed text. The default is ">>".

Adding a new feed:

1. Select the **Add Feed** button from the top left corner of the RSS feed options menu. The following menu will appear:

Home     Top Stories - Goo     Anoo News     SPN.com     ESPN Feed: poke		< <w5op -="" 2012="" ga<="" michael="" th=""><th></th></w5op>	
	Add New F	eed	Id 'em world championship second-largest event at 20 ts Todd Brunson to win stu
	Please en	ter URL of feed:	s hoat arunson to win sou s shoatout at 2012 World S vey created one of the mo tops Phil Ivey heads-up fo rd 12th WSOP bracelet
	Connect		bracelet in three years is limit hold 'em braclet 0,000 heads-up world chai
	Feed Title	»: [l	
	Group:	Home	<b>•</b>
	Active:		>
RSS Settings Enable Auto RSS 🕑	Detailed r	OK Cancel	
Background Color green	Fore	ground Color white 🔛	Transparent 0%
Speed Norma	Clock	k Off 🛩	
Lead Characters <<	1		

2. Enter the URL of the desired feed to add. Example: <u>http://sports.espn.go.com/espn/rss/news</u>

3. Press the connect button to verify connection to the selected feed. Once connected, the default title will be shown in the Feed Title section.

4. Add the desired name for the feed in the Feed Title section (if something other than the default is desired).

- 5. Select the desired topper group that will display the feed from the pull down Group menu.
- 6. Select whether or not the feed should be active from the Active check box

7. Select whether or not detailed news should be retrieved for the given feed by using the Detailed News checkbox. If not checked, the RSS feed will display the header titles only.

8. Once all selections are complete, select the OK button on the Add New Feed menu.

Right clicking on given feed title brings up a menu that allows you to **Delete**, **Refresh**, or define the **Property** associated with the feed. The **Property** selection brings up the "Add New Feed" menu which will allow for editing of the existing feed attributes.

#### 4.3.2 Group Tools

Play, Stop, MSG, RSS, MSG OFF, Volume, Video, iPoster and Options are group commands. These commands will be sent to all devices included in the selected group.



#### Play



Send a 'Play' command to the selected group of devices.

#### Stop



Send a 'Stop' command to the selected group of devices.

#### MSG



The MSG is an instant message "ticker" feed that can be sent for immediate display on the topper. When selected, the Instant Message window will open:

Instant Message	
Instant Message:	
	Browse
	-
B/G gray F/G white Transparent 0% Speed Norma Clock	Off 🔽
Encoding ANSI	
Send Save Exit	

You can browse and select any existing .txt file or manually type in text message, and then send to the group of toppers. This text will replace any current RSS feed and repeat until the MGS Off icon is clicked or the RSS feature is selected.

If the text has been entered manually, the text and settings can be saved for future use by selecting the Save button, and choosing an appropriate file name. The file can be retrieved at any time by selecting the MSG button again and typing the path and file name or choosing the location using the browse button.

Menu options include:

B/G – This option sets the background color for the text ticker feed.

F/G – This option sets the foreground color for the text ticker feed.

**Transparent** – This pull down menu gives the ability the set the transparency percentage of the text ticker feed bar.

**Speed** – This option sets the speed of the feed for the text feed. Options are Normal (default), Fast and Slow.

**Clock** – A clock can be added to the display by using this option. The clock may be set to "on" or "off" (default).

Encoding – Text encoding can be set as ANSI (default) or UTF-8 (Unicode encoding)

#### RSS



The RSS button starts sending the assigned RSS news ticker message(s) to the selected group of toppers. If the RSS ticker is already running, it will refresh the ticker information (if changed since the last update).

#### MSG Off



This option sends the "Message Off" command to the selected group of devices.

#### Volume



This pull down menu allows for adjustment of the volume. There are 15 levels of volume available, as wellas a mute function.



#### Video



This pull down menu controls the video display. This option will turn the video ON or OFF for the selected group of toppers.



#### iPoster



This feature sends a single still .jpg image immediately to the selected group of devices. The image will remain on the screen(s) until you replace it with another iPoster or restart your playlist. There is also a checkbox option that can define a fixed time for display of the image file.

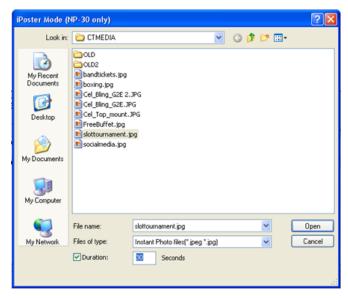
**Note:** For best performance, the iPoster image resolution should be 1280x720 (16:9 ratio) or less to keep the file size small. This will allow for a fast transfer of the file while maintaining the image quality.

There are two methods to use the iPoster feature. One is from CAT and the other is in HTTP URL mode.

#### **CAT Method:**

Select the iPoster icon and a selection window will appear. Select your image file and click Open. A preview of the selected image will be displayed in the iPoster Image window on the left side of the CAT user interface.

The desired display time can be chosen by selecting the Duration check box, and typing in the desired time (in seconds).



**Note:** The iPoster can be used alone, without the need for a playlist. This can be useful for situations where the topper is used as a "billboard" to display a single image. When a new image it to be displayed, just select the iPoster icon again, open another file, and send the new image. The iPoster can also work with RSS or "Instant Message" to scroll text on the display screen.

#### HTTP URL Method:

Another way to send iPoster image is to use the "HTTP iPoster" operation mode. This mode is similar to HTTP URL mode. You can place the image file to be displayed on a fixed URL path. The media player in the topper will download this image file for display and will check the fixed URL path once per xx seconds (xx: programmable from 5-99). If the file's time stamp is found to be newer that the existing file, the topper will download the new image in the background and replace the current image.

In order to use this method, you will need to create a configuration file (autoconfig.mia) to store HTTP URL address. The CAT Client Setup Utility can be used to create this file, or if it has already been created, you can use a text editor (such as Windows notepad) to add in the necessary information.

If using a text editor, add the following lines in the [Preference]s group of the "autoconfig.mia" file.

autoplay=xx ;xx = 5 to 99 playlist=http://<url address>/ iposter filename.jpg

For example:

## [Preference] autoplay=10

#### playlist=http://na.suzohapp.com/images/r/rbm754sa1\_xlrg.jpg

#### **Options**



This pull down Options menu can control the following:



**Format**: Send quick format CF card command to device. **Note**: All files in CF card will be deleted.

Reboot: Send reboot command to devices.

Group Status: Request all devices in the selected group to report their status.

#### 4.3.3 Device Tools

Status, Capacity, CF Data and Playlist are individual device commands. These commands will be sent only to the selected toppers. No other toppers in a given group will be affected.



#### Status



This tool will request the selected topper to report its current status. The status data may include the time, current playback filename, music, instant message, etc.

Example:

_		
×	Log Da	ata 📋 CF Device 🕞 Playlist
	10:55:02	[NP58A6] 605 Send a Stop Action message command to client
	10:55:02	[NP58A6] Playback Stopped
	10:55:03	[NP58A6] 639 Auto Command(S1-S3)
	10:55:04	NP58A6] Succeeded in sending playlist
	10:55:04	NP58A6] Playback Started
	12:14:17	[NP58A6] 639 Auto Command(S1-S3)
	12:44:10	[NP58A6] 614 Send RSS Message to Client
	12:44:11	NP58A6] RSS/Text message received
	12:45:49	[NP58A6] 618 Check the status of client
	12:45:50	[NP58A6] [18:12:25] Playing SOCIALMEDIA.JPG(3/3,28], Scrolling Text: RSS Ticker, Background Music: .

#### Property



This tool will request the selected topper to report the CF card capacity and firmware version information.

Example:

🕺 🐚 Log Da	ata 📋 CF Device 🕞 Playlist
10:55:02	[NP58A6] 605 Send a Stop Action message command to client
10:55:02	NP58A6 Playback Stopped
10:55:03	[NP58A6] 639 Auto Command(S1-S3)
10:55:04	[NP58A6] Succeeded in sending playlist
10:55:04	[NP58A6] Playback Started
12:14:17	NP58A6] 639 Auto Command(S1-S3)
12:44:10	[NP58A6] 614 Send RSS Message to Client
12:44:11	[NP58A6] RSS/Text message received
12:45:49	[NP58A6] 618 Check the status of client
12:45:50	[NP58A6] [18:12:25] Playing SOCIALMEDIA.JPG(3/3,28), Scrolling Text: RSS Ticker, Background Music: .
12:46:11	[NP58A6] 606 Send a get storage information message to client
12:46:11	NP58A6] Storage Total Size: 970MB, Free Space: 739MB. F/W version: 6.11.86.0408U

**Note:** The information in the Log Data window can be saved for future reference. With the Log Data tab selected, move the mouse to the log window area and right click to bring up a section menu. The menu will allow options to "Save As" or "Clear". To save the log information, select the "Save As" option and choose an appropriate file name. The file will be saved as a text file for later review. This historical record can be useful for analysis and diagnosis if technical support is required. To clear the log window, select the "Clear" option. All information in the log window will be erased

#### CF Data



This tool will request the selected topper to report a list of ALL filenames on the CF card (regardless of whether or not they are used in the active playlist). The topper media player must be stopped first in order to retrieve this report. Once retrieved, select the CF Device tab to view the report.

#### Example:

* 🚯 Log Data 📋 CF Device 🔀 Playlist		
File Name	File/Directory	Size(Byte)
SOCIALMEDIA.JPG	F	590385
SLOTTOURNAMENT.JPG	F	909876
PPV2-BBW NO AUDIO.MPEG	F	13964252
PPV1PPV2CPV1AVC NO AUDIO.MPEG	F	64582841
PPV1-KB NO AUDIO.MPEG	F	26037805
PPV1-KB.MPEG	F	26919823
PLAYLIST.MPL	F	559
FREEBUFFET.JPG	F	1076883
CV1-JFR.MPG	F	15050199
CPV1-SW.MPEG	F	15829960
BOXING.JPG	F	828753
BANDTICKETS.JPG	F	1306393
AVC-LOGO-NO ALIDIO MPEG	F	8760071

Right clicking on the files in the log window will bring up a menu option to delete selected files and/or folders.

**Note:** Files and folders that are chosen for deletion will be erased from the CF card. All files and directories can be erased, including the playlist.

#### Playlist



This tool will request a list of files for the current playlist. Select the Playlist tab to view the report.

Example:

Log Data 🚺 CF Device 📝 Playlist			
S File Path	Duration/Times	From hhmm	To hhmm
0 c:\tmadajabtournent.ipg 1 c:\tmadajabtournet.ipg 2 c:\tmadajsoutameda.jpg	200 10 10	09:30	23:00

#### 4.4 Menu Functions

The Menu Functions refer to the top level menu options in the upper left section of the CAT program:



#### 4.4.1 Server

Click "Server" once to display the pull-down menu

🧐 CAT-Clie	nt Adminis	stration Tool
Server Tools	; View	
Start	Ctrl+S	
Stop	Ctrl+O	
Protect Mo	de F11	Play Sti
Backup		
Restore		
Exit		
- I N	IPSE48 IPSEF8	_

Start (Ctrl+S): Starts CAT operations (selection will be unavailable if CAT is already active)

Stop (Ctrl+O): Stops all CAT operations.

**Protect Mode (F-11 key)**: This function protects against unauthorized use of CAT. After pressing the F-11 key, you must enter the administrator's password to regain control of CAT. The factory default password is "admin". To change the password, go to **Tools > Change Password**. Be certain to record the new password. Suzo-Happ cannot recover the password after it has been changed.

**Note:** To restore the default password, you must re-install the CAT application.

Backup: This function is used to backup user and group account settings.

Restore: This function is used to restore user and group account settings.

Exit: Exits the CAT program

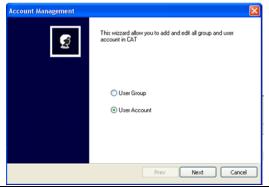
#### 4.4.2 Tools

Click "Tools" once to display the pull-down menu



Add/Edit Account: Create, edit or delete GROUP(s) and DEVICE(s) User Accounts.

Once the Add/Edit Account option has been selected, the following menu will prompt the user to select between a User Group or User Account options.



Revised : 6/15/2012 12:44:00 PM- JL

#### User Accounts

Selecting this option will allow you to create a new user account, as well as edit or delete an existing user account. After selecting "Next" the following window will be shown that will allow options for creating a new account, editing an existing account, or deleting an existing account

Account NPSEF8 NPSE48 NPS8A6 NPS7FE	Group Home Home Home	Status Enable Enable Enable Enable	Description	AutoPlay Enable Enable Enable Enable	Edk Delete
---	-------------------------------	--	-------------	--	---------------

#### New User Account Setup:

- 1. Select "New" to create a new account and open the editing window
- 2. Enter the player name in the Account Name field
- 3. Assign a **Password** (optional). The Default password is 123.
- 4. Add a **Description** for the account (optional)
- 5. Select Finish

Account Managem	ent	
Account Name	NPSEF8	max 8 char
Password		max 4 char
Description		
Group	Home	
Disable Accou	×	
		Prev Finish Cancel

#### Editing an Existing User Account:

Highlight an existing account and select "Edit" to edit an existing account and open the editing window.
 Make any changes necessary, and click "Finish" when editing is complete.

Note: The account can also be temporarily disabled by checking the "Disable Account" check box

#### Deleting an Existing User Account:

1. Highlight an existing account and select "Delete" to delete an existing account

Note: Once an account has been deleted, it cannot be retrieved

#### User Group

Selecting this option will allow you to create a new user group, as well as edit or delete an existing user group. After selecting "Next" the following window will be shown that will allow options for creating a new account, editing an existing account, or deleting an existing account

Account Mar	agement		X
Group	Auto playlist C:(program Files)(CAT)Home)Auto	AutoPlay	Edk Delete
	(	Prev Finish	Cancel

#### New User Group Setup:

- 1. Select "New" to create a new user group and open the editing window
- 2. Enter the desired group name in the Group Name field
- 3. Choose whether or not you want this group to use an Auto Playlist (checkbox)

4. If using an Auto Playlist for the group, enter the file path manually or use the browse button to locate the AutoPlaylist.mpl file desired.

5. Select Finish

Account Management	
Group Name	
Enable AutoPlay	
Auto Playlist	Browse
	Prev Finish Cancel

#### Editing an Existing User Account:

1. Highlight an existing user group and select "**Edit**" to edit the group settings. Make the desired changes and then click "**Finish**" when editing is complete.

#### Deleting an Existing User Group:

1. Highlight an existing user group and select "Delete" to delete the group

Note: Once group has been deleted, it cannot be retrieved

#### **Server Setup Utility**

These settings are used by the administrator to make changes to the CAT server.

#### Server:

Server	Server
Startup	Control Server
	Server Port 5021
	Note: CAT is required to be closed for new port
	PASV Port Start 5022 Range 10
	Max Users 500
	Check password when player login
	Other
	Local IP Address 10.230.1.192 Update

Server Port: 5021 is used for the port forwarding function of the network router to access the CAT program.

**NOTE:** If the server port is changed, CAT must be closed and restarted for any port change to take effect. Consult your IT department if necessary.

**PASV**: **Port Start** (default 5022) and **Range** (default 10) and can be changed to match your company's firewall setting. Consult your IT department if necessary.

**Check password when player login:** This option can be selected if using an optional password. The default is to have this box unchecked.

Update button. Selecting this button will display your PCs IP address in the Local IP Address window.

Server	📕 Startup
Sartup	Application Startup
	Launch Control Server at windows startup
	Startup minimized in systembay
	Automatically activate server at startup
	ET several accurate service at stands
	Log Level

#### **Application Startup Options**

These options define the CAT startup settings:

- Launch Control Server at Windows startup (default is unchecked)
- Startup minimized in system tray (default is unchecked)
- Automatically activate server at startup (default is checked)

#### Log Settings

Startun.

- Pull down menu allows for the following log detail levels

1-Normal

2-Detail

Change Password: Set and change CAT password (optional).

Change Pasword					
Old Password	I				
New Password					
Confirm Password					
ОК	Cancel				

RS232 Utility: This function is for future use.

Playlist Scheduler: Define start date, stop date and days of the week multiple playlist(s) will run.

These settings allow you to create a schedule of playlists that will begin play on the assigned Start date and stop on the assigned End date. The Playlist Scheduler also allows you to schedule your program by day of the week.

Playlist Schedule	r				×	
File						
Start date 6/12 Sun Mon Add Update	Tue [		_			
Playlist	Start	Stop D	Weekday			
					-	
					_	
Assign to Group Home						

#### Creating a playlist schedule:

Before creating a schedule, make sure that you have created an .mpl playlist file for each playlist you would like to schedule. Note that the default location for created playlist files is (\ProgramFiles\CAT\YourGroup\).

1. Select the **Browse** button and browse for the first playlist to be added to your schedule.

2. In the **Start date** field, enter date you would like the schedule to begin.

3. In the **End date** field, enter date you would like the schedule to end.

4. Select the day(s) of the week (Sun – Sat) you would like your schedule to run. The playlist start time and end time are set in the individual playlists using the MPL Commander.

**Note**: Check to be sure that your playlist dates and time schedules do not overlap. This may cause unexpected results.

5 Select **File > Save as** to save your newly created schedule (filename.sch) into the appropriate group folder. Example: CAT\YourGroup\YourSchedule.sch

6. Select **Tools > Add/Edit Account > User Group** and select the appropriate group. Next, select the **Edit** button. Check the **Enable AutoPlay** box and browse for your .sch file to enter into the Auto Playlist field. Click Finish when complete.

7. After completing these settings, CAT will return to the corresponding playlist(s) based on your .sch file when the topper logs into CAT.

#### **Client Setup Utility**

This utility can set the various attributes for the topper media player (client). Included are the CAT server's static IP address or Hostname, network port, device name & password, device DHCP or static IP address, device time zone, daylight savings time, restart time, on time, off time, video mode, Auto Start setting, and group assignment.

Select Tools > Client Setup Utility and the following window will open:

Client Setup Utility 🛛 🛛 🔀								
File								
Client Group								
IP or Hostnam	ne 10.230.1.142							
Port	5021							
Client Device S Account Name		Password						
🗌 Hide Main	Menu							
Client IP Setup		Device Dialy settings						
OHCP		Restart Time						
Static IP		Device On/OFF1						
IP address	192.168.1.	1						
Subnet mask	255 . 255 . 255 .	0						
Gateway	192.168.1.	1 Picture rotate mode OFF						
DNS Server	192.168.1.	1						
Client Time Set	up							
Time zone	GMT-12	Day Light Saving OFF						
Date Format	DD/MM/YYYY 💌	Time Format 24						
Client Video Ou	Client Video Output							
S-video	S-video     OVGA     OYPbPr							
TV Type NTSC V LB MODE V								
AutoStart - Operation Mode								
Update Client => NP58A6								

#### Server IP

**IP or Hostname:** Type in the IP address for the local LAN CAT server or the hostname for the remote internet server. **Example:** 192.168.1.100 or www.targeturl.com.

**Port:** default is 5021. If 5021 is used elsewhere on the server side, consult your IT department for the appropriate entry.

#### **Client Device Setup**

Account Name and Passwords should be unique to each device Enter the desired device Account Name and enter the device Password. After the device powers up and logs into CAT server, it will go to its matching group.

Hide Main Menu: ON = Video on-screen menu will not appear on power up. OFF = Video on-screen menu will appear upon power up.

**File Repeat: Folder =** Will play all files as specified in the playlist (Normal Operation). **SINGLE** = Will play only the first file in the playlist.

#### Client IP Setup:

Select **DHCP** (obtain dynamic IP from your router) or **Static IP** (fixed IP). Consult your IT department for your specific needs.

#### **Device Daily Settings**

**Restart time**: When checked, this device will reboot and download new information daily at the 24 hour time set (HH:MM) 00:00 to 23:59.

**Device On/Off**: This option can be used to turn the video ON and start the existing playlist at the first time entered (HH:MM) and will turn the video OFF and stop playing the existing playlist at the second time entered (HH:MM).

#### Picture Rotate Mode:

OFF: Picture has no rotationClockwise: Picture will be rotated clockwise 90 degree.CNT-Clockwise: Picture will be rotated counter-clockwise 90degree.

**Note:** This feature is only available on the NP-30 code V6.10.86.0118U or later version (RSS feed and date/time display are not currently available when picture is rotated).

#### **Client Time Setup**

Time zone: Enter the appropriate zone for the device (Eastern time is GMT-5, Central time is GMT-6).

**Daylight saving:** If applicable, this selection will adjust the time (+1 hr) for this device. This setting must be manually changed when DST changes.

**Date Format :** Set your preferred format from the pull down menu.

Time Format : Set your preferred time format (12/24) from the pull down menu.

#### Client Video Output:

This setting should always be set at VGA for the Celebration Topper

#### Autostart – Operation Mode

Selections include CAT, CF card, HTTP URL or ICAT

**Language**: Factory setting as English. The CAT user interface and language can be customized upon request. Please contact your Suzo-Happ representative for additional information.

#### 4.4.3 View

The View menu option allows you to select which window views will be displayed in the CAT software



The optional window views are all selected by default. Unchecking individual options will hide the chosen view.