

## Brightsign 2.2 Update

BrightAuthor 2.2 includes a large number of new features and updates.

To use BrightAuthor 2.2, you must install firmware 3.3.78 or later. All new BrightSigns are shipping with 3.3.69 or later, which is also compatible with version 2.2.

1. Firmware – [Download 3.3.78 or later here](#).
2. BrightAuthor 2.2.0.32 or later

Below is a very brief list of what's changed in BrightAuthor 2.2. More details to come

1. **Dynamic Playlists** – like a Media RSS *feed*, but resides on the BrightSign Network server, and is accessible from a pull-down menu when you add a Dynamic Playlist to a BrightAuthor project.
2. **Logging** - BrightAuthor now allows you to enable playback and diagnostic logging; stored locally, not uploaded currently. Support for uploads to a web server and to the BrightSign Network coming soon.
3. **Ability to monitor progress of downloads** - from a BrightSign Network Account; see status of each file
4. Obsolete presentations in a schedule can be deleted and aren't shown in various Manage screens
5. **Refresh media library** - You can now refresh the media library so you can see any new media you've added to the library since BrightAuthor was opened.
6. **Setup for standalone units** – now you can use setup files to configure a unit even if you're not using simple file networking or BrightSign network
7. **Ability to copy content to card when setting up unit for BSN** – allows you to publish the content that's in the current schedule in your BrightSign Network Account to a flash card, when creating setup files. So, if you're setting up a unit, and the initial download is going to be 1GB, now you can setup the unit with the 1GB already present, so there isn't a large initial download.
8. **Interactive Features & Updates**
  - a. **Additional commands added to Advanced Commands** – Interactive Playlists
    - i. Support IR blasting – sending IR commands
    - ii. Support serial send bytes with multiple comma separated values at once
    - iii. PowerSave Mode command - put a display into standby over VGA or HDMI
    - iv. Pause/Resume video commands
    - v. Pause Timer command - resume after x number of milliseconds
  - b. **Control A to select all items in an interactive playlist** - Now you can select all, and add inputs that affect all files without having to draw one connection at a time.
  - c. **Apply multiple transitions at once** – screensaver feature
  - d. **VideoTimeCode events** – allows you to execute advanced commands at specific times during a video
  - e. **Support for multiple serial ports** – Now you can designate which of the two serial ports you want to send to or receive input from
  - f. **Support for non-printable keyboard input** – search script for values
  - g. **Touch cursor display mode** - allows you to turn off the cursor
  - h.
  - i. **Transitions** – new options
    - i. Return to prior state
    - ii. Remain on current state - allows you to accept input, or listen to events that don't affect the current file that's playing. Would allow you to accept a button press that turns down the volume of a current file.

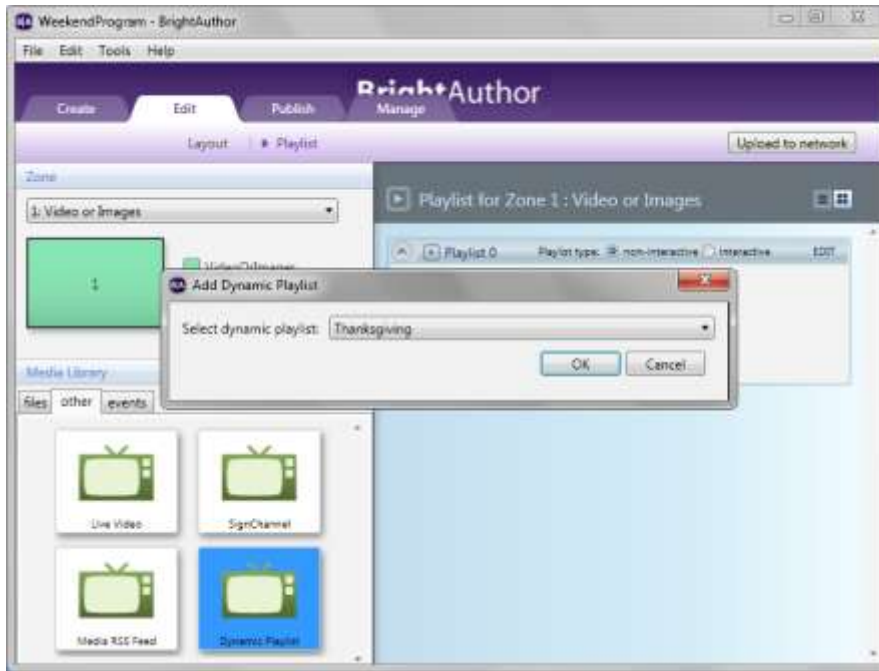
- j. **Expand canvas when items are placed at the edge** - When creating or editing interactive playlists, workspace automatically expands.
  - k. **Ability to move commands up/down in the command list**
9. **Additional Device controls** – under Tools, Advanced
- a. Forced Log Uploads
  - b. Forced Reboots
  - c. Recovery without reformatting
10. **Export presentation** - Allows you to export all content and project file for use on another system
11. **Maintain transition position when editing it**
12. **Command configurability via XML editing** – more details coming. Will allow you to edit the list of advanced commands available, and also add to the list of advanced commands.
13. **Generate image thumbs in background thread** – BrightAuthor performs better when generating thumbnails
14. **On the zone layout indicator, draw the zones consistent with how the HW treats the different layers**

## Network Features & Updates

There are some general network updates and new features in BrightAuthor 2.2 as well as improvements to Simple File Networking and BrightSign Network.

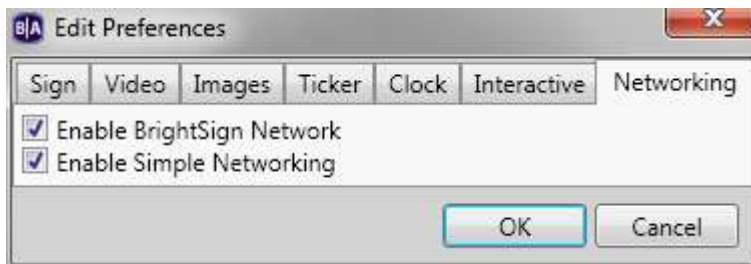
1. **Dynamic Playlists** (new Create Tab, Manage Tab)
  - a. BrightAuthor 2.2 allows you to add Dynamic Playlists to project you upload to your BrightSign network account. Think of a Dynamic playlist like a Media RSS feed. You can add Dynamic playlists to any project by dragging over the Dynamic playlist icon, and choosing for a list of Dynamic playlists you've uploaded to your account. When you update a Dynamic Playlist, all projects that are using that Dynamic Playlist will get the update.





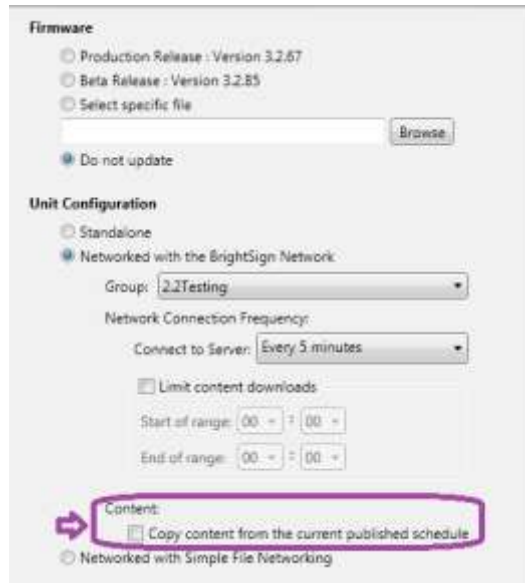
**2. Configurable Network View** (Edit -> Preferences -> Networking)

- a. Under Edit, Preferences, you can now disable the different network options and hide Network Features in BrightAuthor. For example, if a customer isn't using the BrightSign Network, you can disable it. BrightSign Network wouldn't be listed under Setup BrightSign Unit, or Publish, and the Manage tab would not be show.



**3. More Options in Setup BrightSign Unit Window**

- a. Preloading BrightSign Network Content
  - i. With BrightSign Network, you can now publish all of the scheduled content to your flash card when you Setup BrightSign Unit. The content will still need to be uploaded to your account. Including content with your setup files means the unit will only need to call in to get the latest schedule, but it won't need to do a large content download to start.



b. **Enabling Diagnostic and Usage Logging** (local only currently)

- i. You can now enable playback and diagnostic logging in the Setup Window. Currently, log files are stored locally on the flash card.



4. **BrightSign Network**

a. **Only Current Presentation Status Listed**

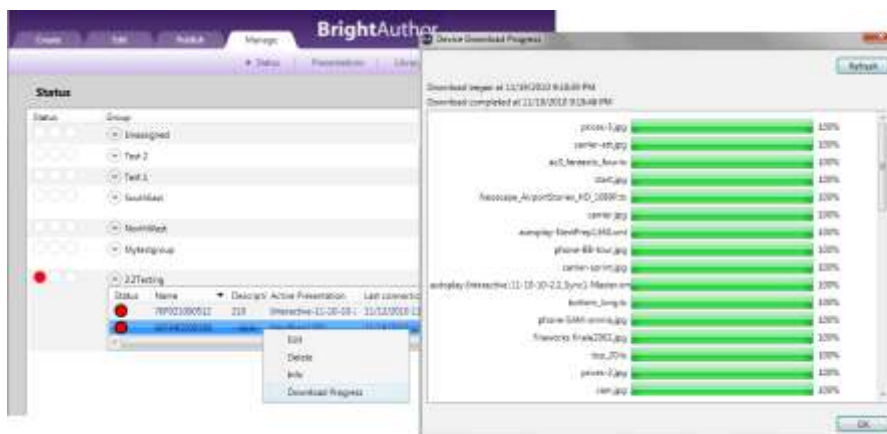
- i. Under Manage Status, to the right of each group listed, only current presentations are show. Previously, any presentation, no matter the age, would be listed for a group if it had been scheduled in the past.

b. **Delete Presentations older than 24 hours**

- i. You can now delete presentations from the library that are more than 24 hours old. Previously, you had to manually remove the presentation from the schedule before you could delete it from the library. For example, if the presentation was last scheduled to play on Monday, you can delete it from the library on Wednesday.

c. **Download Progress** (Manage ->Status)

- i. BrightAuthor 2.2 allows you to view the status of files downloading to units using a BrightSign



Network account. Under Manage, Status, Right-Click on a unit and choose Download Progress.

## 5. Simple File Networking

### a. *Set Parameters* (Publish -> Simple File Networking)

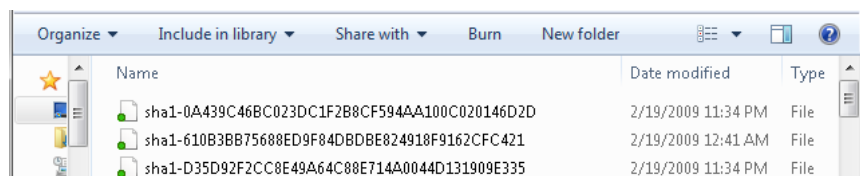
- i. With BrightAuthor 2.2, under Publish->Simple File Networking, the URL for the network updates is stored under the Set Parameters button. Here you can also enable logging, Set the upload frequency for the logs, and specify the URL the logs should be sent to.



**Tip:** Network uploads for the logs are currently under testing and is not yet enabled.

### b. *Add a Mime Type for “.”*

With the previous BrightAuthor 2.0, publishing updates placed the actual files with their current names in the web folder. With 2.2, all files are placed in a “pool” sub directory, and the files are already renamed with their hash key values. Please see [Tip 2](#) under Simple File Networking setup for more details.



## Menus & Misc Screen Shots

Below are several additional new screens and menus.

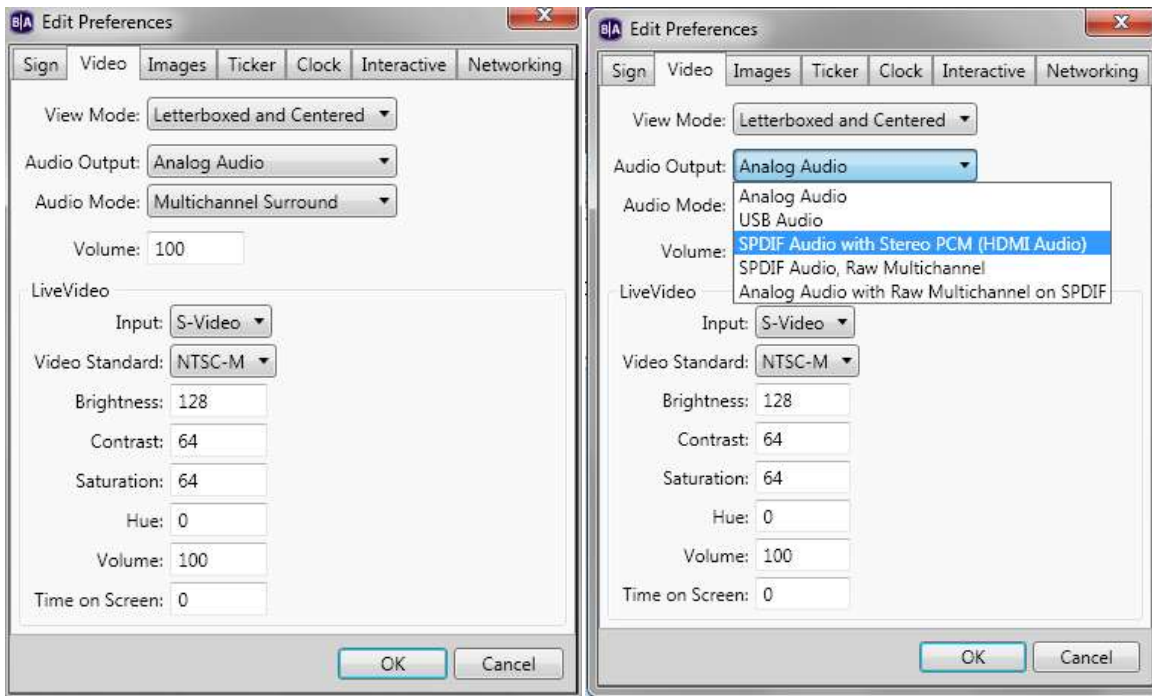
### Tools -> Setup

The screenshot shows the 'BrightSign Unit Setup' window with three main sections: Name Specification, Firmware, and Logging. The 'Name Specification' section includes fields for Name, Description, and Customization options (Use name only or Append unit ID). The 'Network Properties' section includes Time zone, Time server, and options for obtaining an IP address (automatically or manually). The 'Firmware' section includes options for Production Release, Beta Release, or Select specific file, and a 'Do not update' option. The 'Unit Configuration' section includes options for Standalone or Networked with the BrightSign Network, Group selection, Network Connection Frequency, and Content options. The 'Logging' section includes options for Enable playback logging, Enable event logging, and Enable diagnostic logging, along with Upload logs options (On startup, At specific time each day) and a Relative URL for log handler.

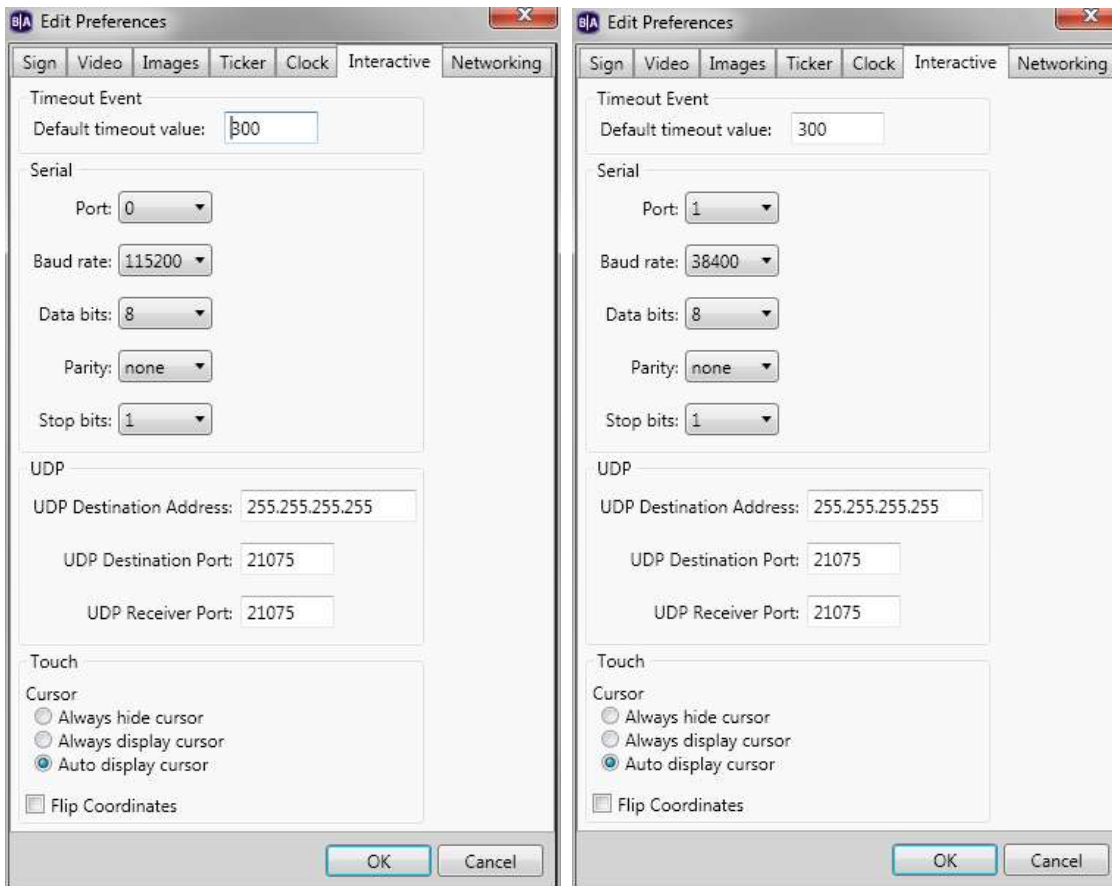
### Tools -> Advanced -> Unit Control

The first screenshot shows the 'Advanced Tools' window with the 'Unit Control' tab selected. It displays a text input field for 'Enter the BrightSign serial number', a 'Serial Number' field, an 'Action' dropdown menu set to 'Reboot unit', and buttons for 'Add action', 'Remove action', and 'Close'. The second screenshot shows the same window with the 'Action' dropdown menu open, displaying a list of options: 'Reboot unit', 'Upload logs', 'Recovery - reformat', and 'Recovery - don't reformat'. The 'Upload logs' option is highlighted in blue.

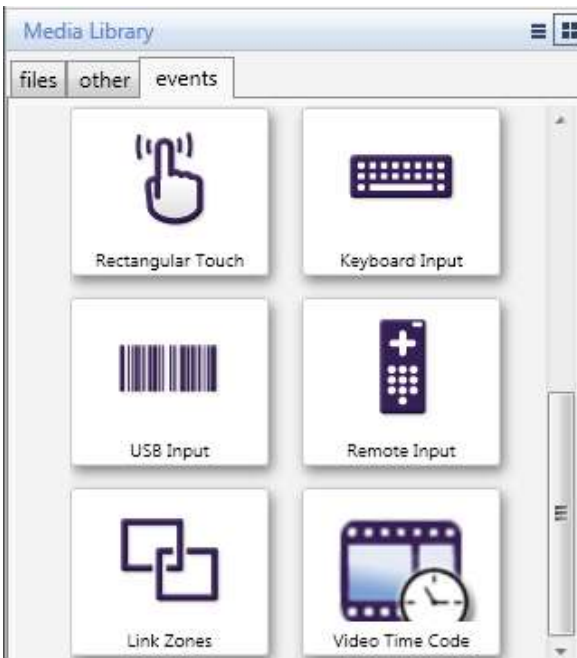
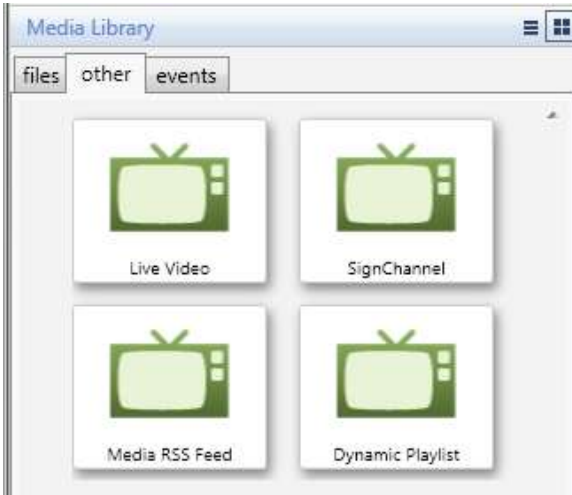
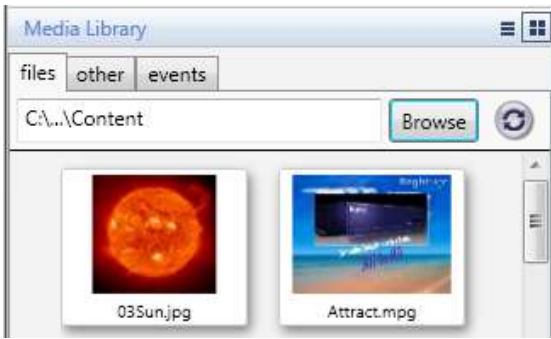
## Edit - Preferences - Video



## Edit->Preferences->Interactive

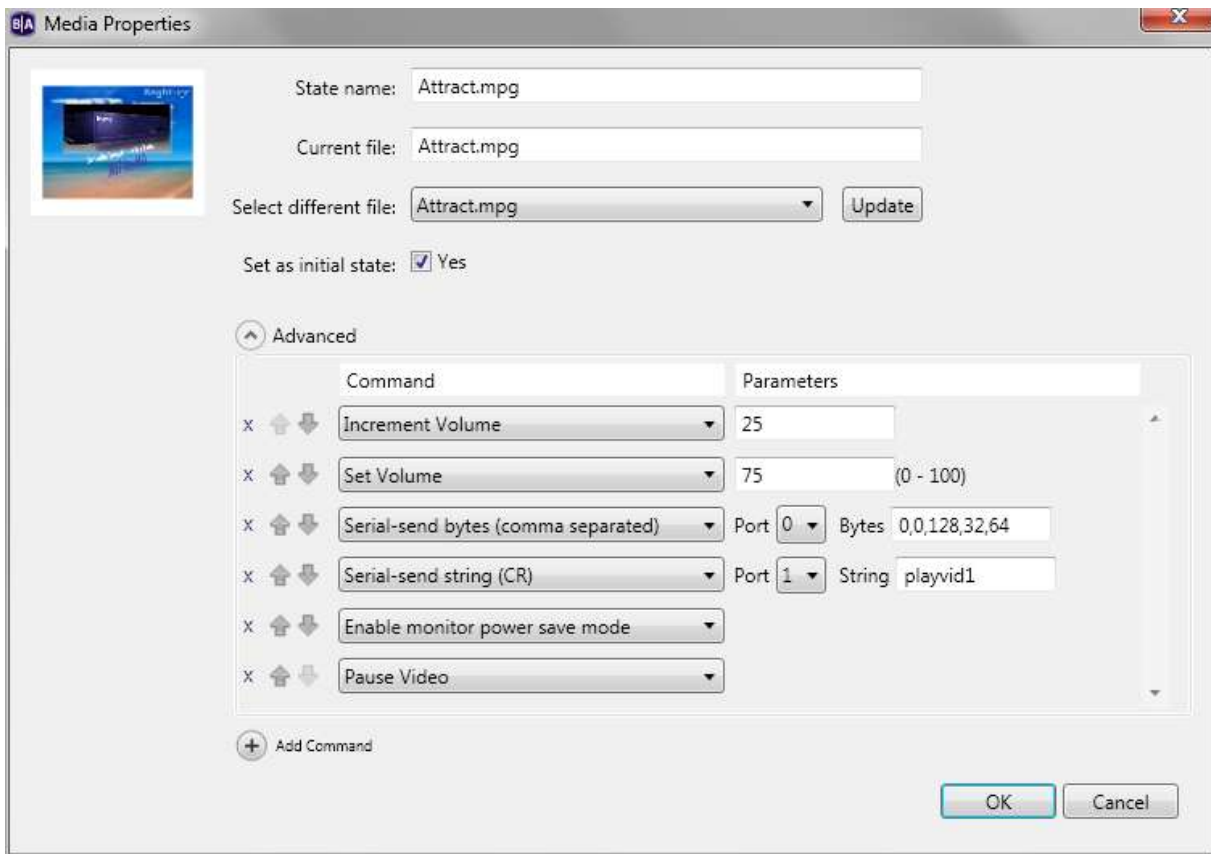


## BrightAuthor - Edit Tab - Media Library



New Video Time Code event – supports sending advanced commands at set intervals during video playback

## Advanced Commands

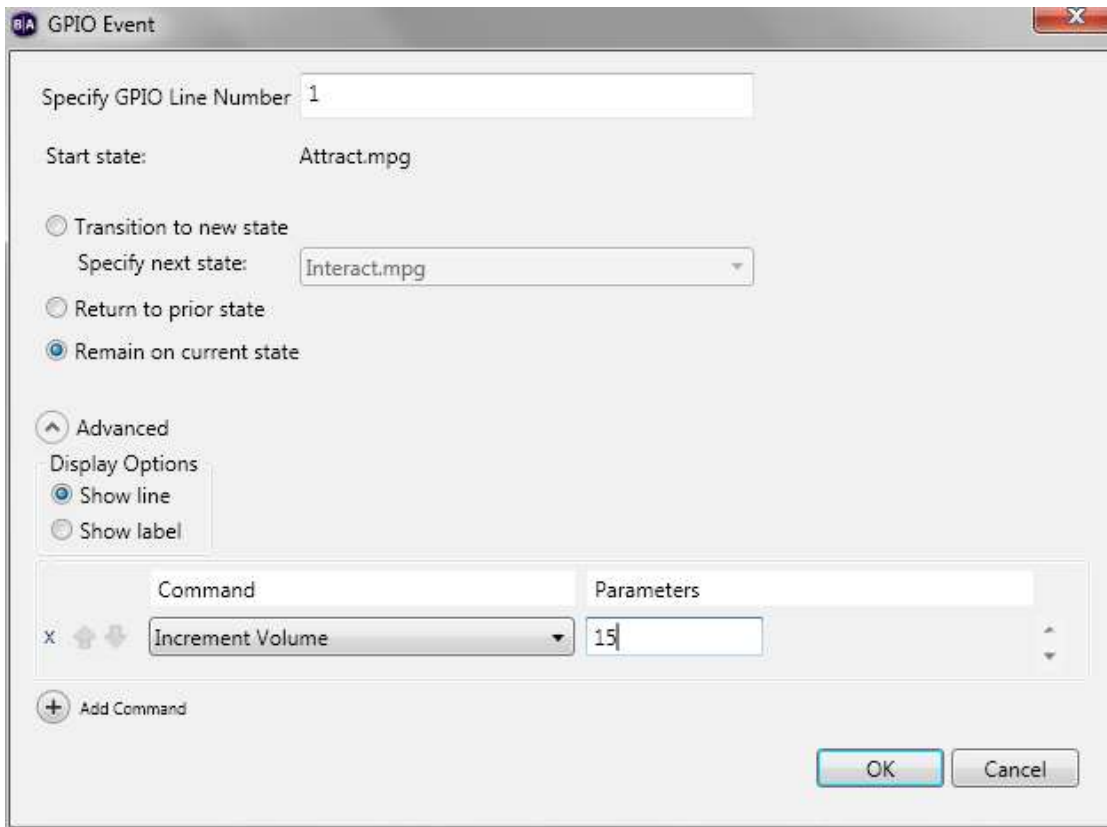


## Touch Events – Multiple Touch Zones



## New Transition Options – No State Change

1. Return to prior state
2. Remain on current state



## Brightsign Firmware 3.3.x Release Notes

1. Download Continuation – BrightSign now resumes a download if interrupted. In previous releases, the BrightSign would restart from the beginning of a file if the download were interrupted.
2. Ability to mute S/PDIF and HDMI mute
3. Ability to get and display network configuration via script
4. Touchscreen Support for Wacom CapPlus HID devices, Nexio, Zytronic, and additional 3M screens
5. Zwave lighting controller support
6. Support for HD210W and HD1010W (Wireless Units)
7. Fixed: Custom boot logos now display properly
8. Ability to control LG Bluray and DVD players using NEC IR protocol (Iguanaworks IR Transceiver required)
9. File upload support for servers support http put
10. Ability to send and receive byte arrays via UDP
11. Serial touch support (preliminary)
12. Internal web server (for future use)