

STANDARD VIDEO GAME DAY PRODUCTION QUICK GUIDE 4 INPUT

Daktronics wants to ensure our users receive adequate training prior to using their equipment for their first event. We encourage our customers to review the [Standard Video Playlist](#) on YouTube to get a basic understanding of your Daktronics' control systems. The intent of the following information is to prepare customers to be successful using their system for an event, prior to receiving formal training from Daktronics.

- Refer to the [Control System Startup & Shutdown Procedures](#) document for instructions on how to startup and shutdown your system. It is also encouraged to watch the video on [System Signal Flow Video](#), on the [Daktronics Control Systems YouTube Page](#).

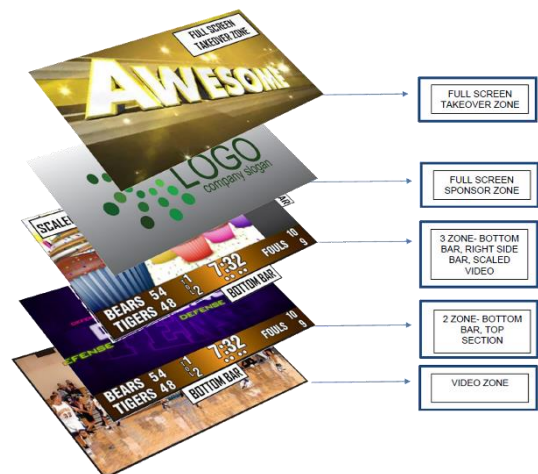
Note: Make sure the Show Control all-in-one computer or laptop is connected via Ethernet cable to the router in the back of the control rack.

- Open Display Studio by double clicking the Display Studio icon, located on the Show Control computer desktop.
- Daktronics displays can play content into multiple different zones. Each zone is capable of being controlled independently, using scripting buttons. For more information on display zoning, watch the [Introduction to Display Zoning YouTube video](#).

a. The zones are layered in this order:

- Full Screen Takeover
- Full Screen Sponsor
- Scaled Video
- Bottom Bar
- Right Side Bar
- Top Section
- Input Zone

b. Zones are layered to provide priority to full screen content or video. In order to see content in the other zones, it is important to blank the Full Screen Zone; this is accomplished by clicking the green "Scaled Video" button.



- Each system includes pre-configured workspaces. We encourage you to test the pre-configured buttons to ensure functionality and become familiar with the provided workspace.
 - a. Live Video from HDMI, SDI, or Analog Source
 - Click the green Full Screen Video button to show full screen live video. This will blank all other zones to reveal the live video full screen.
 - A scaled video window is also available to achieve an L-Bar look with scoring data. Click the Scaled Video button to switch to scaled video
 - b. The yellow "Blank Display" button will blank the entire display.
 - c. Under each sport tab, pre-created animations are provided and are located on the left of each tab. All are configured to play to the full screen zone.
- Should there be a need to show premade content on the display, such as stills or videos it will first need to be loaded onto the computer. Follow these steps to complete loading of content:
 - a. Open the Windows Explorer folder found on the desktop.

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- b. On the left, find the drive that says Content. Open the drive, and it will open to the Content folder within the DMP-8000 computer. New folders and subfolders can be created for content. Copy and paste the content into the appropriate folder(s).
 - Note: on Windows 10 computer the Content drive may be located under the Quick Access portion of the windows explorer on the left.
- c. The content will transfer over the network, and will be ready to be scripted into buttons, for use on the display.
- d. File type recommendations:
 - Static content- PNG, BMP, GIF/GFF, JPG/JPEG, TGA, TIF.
 - Animated content- MP4 with H.264 Codec
- In order to show any content on the display, a button will need to be created that tells the computer to play the specific file. Watch the [Introduction to Display Zoning YouTube video](#) to gain a basic understanding of scripting buttons and containers.
 - a. To create a script button to play content right click in the middle grey area of a scripting container in Display studio.
 - b. When the dialog window opens, click “New Button.”
 - c. It will start you in the first step of the button. Four steps will appear at the top of the button window. To move between steps, click on the numbers at the top of the button window, or click on the left and right arrows located to the right of the number 4.
 1. Choose DMP-8000 Player Control.
 2. Choose the zone you wish to play content to (Note: Do NOT play content to the zone named only “primary.” Always select one of the provided zones.
 3. Choose “Play” to play a file.
 4. Click “Add” to select the file to play to the display. Icons appear under the numbers to control the playback, transitions, audio, etc. for the selected content.
 - d. To name the file, hover to the top of the button and the mouse will become a text icon and name the button.
 - e. To change the color of a button, click the color wheel in the top right-hand corner, and select a color.
 - f. Click “Save”. Click to play the newly created button to ensure it functions as intended.
- **IF** your Daktronics system includes a Newtek TriCaster Video Production System please review the next two sections. If not please proceed to the last paragraph of this document. This video production system is capable of taking in at least four different video inputs, as well as storing videos, and animations, and recording the output of the switcher, which allows for replays. Watch the video on [Getting Started with Live Video](#) to gain a basic understanding of the TriCaster and how it works with your Daktronics System. For advanced production information on the TriCaster 460, we recommend you watch NewTek’s [TriCaster Get Started Training Series](#) on YouTube or access the [TriCaster Manual](#) online.



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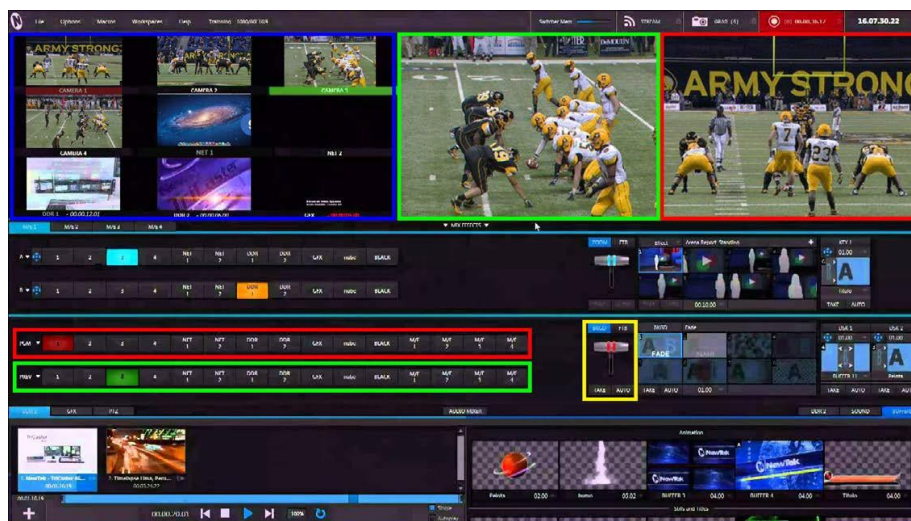
To get started using the TriCaster:

- a. Click the green Open button on the left side.
- b. On the right side:

- Open the session that appears on the right-hand side of the screen (yours may say either 720/60p or 480/60i).



- c. Click Start Session
- d. On the next screen, click the yellow Live button, and then click the Start Live Production button on the right side of the screen.



- The TriCaster interface (pictured above) has various sections that are important during the operation of the TriCaster. These sections include:
 - a. Source Monitors (outlined in blue)
 - Any sources, such as cameras, DVD players, and network inputs are viewed in this area. To configure an input to match the resolution of the camera, hover over the input window, and click the gear on the bottom right hand side of the input window.
 - b. Preview Monitor & Preview Bus (outlined in green)
 - Sources that are in preview, are not being broadcast out, however instead are the next-in-line feeds to be put into program. The source that is visible in the preview window is determined by the input that is selected in the preview bus, which is seen above outlined by green.
 - Typically, the next source-to-go-live will first be put into preview, and then transitioned into program.
 - c. Program Monitor & Program Bus (outlined in red)
 - Sources that are in program are being broadcast out to the Daktronics System. When the TriCaster output is shown on the display, this is the “Live” window that is being shown.
 - d. T-Bar (outlined in yellow)



- The T-bar allows a user to fade between the sources in program and preview. Hitting the spacebar on the TriCaster keyboard will activate the T-Bar to switch between sources using a 1-second (30 frame) fade.

For additional support resources, watch the [Introduction to Support Resources video](#), located on the [Daktronics Control Systems YouTube page](#). You can also visit the Daktronics support website at www.daktronics.com/support to view our support articles, search our knowledge base, view system manuals, and find other helpful tools.

