DIGITAL SIGNAGE SOFTWARE



Install Breeze on a BrightSign Device: Software Download Version 3.0



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Resources

Keywest Technology Support Department

Questions or issues can be submitted to the **Keywest Technology Technical Support** department via e-mail or through the helpdesk ticketing system.

Contact information:

- E-mail: <u>tech@keywesttechnology.com</u>
- Helpdesk: <u>helpdesk.keywesttechnology.com</u>

Breeze Software Documentation

Quick Start Tutorials:

helpdesk.keywesttechnology.com/portal/en/kb/articles/breeze-tutorials

Knowledgebase:

helpdesk.keywesttechnology.com/portal/en/kb/keywest-technology-inc/breeze



Introduction

Supported BrightSign Device Models

- LS424
- HD1024

- XD1034
- XT1144 (HDMI Input)
- Note: Models XT244, XD234 and HD224 are supported but require a different loading process. Legacy models XD1032 and XD1132 (HDMI Input) are also supported but require a different loading process. Please contact **tech@keywesttechnology.com** for more information about loading the **Breeze Player** software on supported these models.

If your **BrightSign** device model is not listed above, contact **sales@keywesttechnology.com** to inquire if your older device may be compatible with **Breeze**.

Load Breeze Player Software

It is the recommendation of **Keywest Technology** to use **BSN**.**Cloud's Control Cloud** for the **Breeze Player** software deployment.

This method which offers advanced management and monitoring of your **Breeze** digital signage network, including remote diagnostics, provisioning of advanced device settings and rebooting the device. Many of these features will not be operational if you choose to deploy the **Breeze Player** software manually.

Acquire the Right MicroSD Card

A microSD card is used to deliver and store the **Breeze Player** software on the **BrightSign** device. Since the microSD card provides resources to run the **Breeze Player** software, it is important to select the proper microSD card.

The file system exFAT is required and the microSD card must be SDXC (**Secure Digital eXtended Capacity**) standard. SDUC (Secure Digital Ultra Capacity) cards are not supported.

It is the recommendation of **Keywest Technology** to employ a microSD card with a capacity of 256 GB. A microSD card with 128 GB can be acceptable for simple solutions. Cards with a capacity less than 64 GB are not supported.

A microSD card **read speed** of 100 MB/s meets the requirements for the typical content, but high-end content and streaming solutions benefit from a speed of 170 MB/s of more.

Kingston's **Canvas Select Plus** series of microSD cards provide excellent options with **SDCS2/256GB** offering a speed of 100 MB/s and **SDCG3/256GB** offering a speed of 170 MB/s.

MicroSD Card Requirements - SDXC

- 256 GB recommended, 128 GB may suffice for basic content
- 100 MB/s, 170 MB/s for streaming and high-end content



Load Breeze Player Software

Prepare microSD Card

The **BrightSign** operating system offers a feature that automatically unpacks the contents of a zipped file on a storage device when it is inserted. The zipped file must be named "autorun.zip" and it must be the only file on the microSD card for this feature to function.

1. **Download Breeze Player software package**. Click on the following link to download a zipped file called "autorun.zip": https://link.keywesttechnology.com/bsautorun.

This file is saved in the **Downloads** folder.

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👌 Music			Date modified: 4/20/2022 2:	8 AM					
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 Verify microSD card is using exFAT file system. Insert the blank microSD card into your computer. Most SDXC cards are formatted with the exFat file system by the manufacturer. If the microSD card is not using the exFAT file system, it must be formatted to use the correct file system.

To verify the microSD card is formatted with the **exFAT** file system on a Windows computer, right-click on the microSD card icon and select **Properties** from the context menu. The **File system** type is displayed in the **General** tab.

器 SDXC (D:) Prope	rties	
General Tools Ha	ardware Sharing Customize	2
SD XC		
Type: Rem File system: exFi	ovable Disk AT	
Used space:	786,432 bytes	768 KB
Free space:	125,061,824,512 bytes	116 GB
Capacity:	125,062,610,944 bytes	116 GB
	Drive D:	
	Sive Si	
	OK Cancel	Apply



Load Breeze Player Software

Prepare microSD Card

3. **Copy the "autorun.zip" file.** Copy the "autorun.zip" file downloaded in Step #1 to the microSD card. Do not unzip the zipped file and do not rename the file.

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Note: The file must be named "autorun.zip" exactly and it must be the only file on the microSD card.

4. **Properly eject the microSD card from your computer**. On a Windows computer, right-click on the microSD card icon and select **Eject** from the context menu.

Update BrightSign Firmware

 Ensure the BrightSign player is updated to the latest release version of internal device software, or firmware. Detail information about this topic can be found in BrightSign's Updating BrightSign Player Firmware article.

Hardware Connections

The **BrightSign** device should be powered off to install the microSD card. The **Breeze Player** software will not begin the loading process unless the microSD card from **Keywest Technology** is already inserted at the time the device is powered on.

6. Insert the microSD card from Keywest Technology. DO NOT POWER ON.



7. **Connect the BrightSign device to the network via Ethernet**. Ensure the network connection has access to the Internet and is setup to support DHCP.



Load Breeze Player Software

Loading Process

8. **Power on the BrightSign device**. The **Breeze Player** software loading process takes 5-10 minutes. The **BrightSign** device restarts several times to configure the player. During this time, several different messages appear on screen.



After the loading process is successful, the **Register Player** window appears on the screen. The microSD card must be stay inserted permanently for the **Breeze Player** software to continue to operate.







Register Breeze Player

A player's registration is the method by which the **Breeze Player** software connects to the **Breeze** server, where new content is designed and deployed.

Connect Keyboard

9. **Connect a keyboard to the BrightSign device**. A keyboard is needed to enter the registration information. A mouse will not work prior to completing the registration process.



Registration Information

10. Enter registration information. The Name field is used to identify the player device. It is usually helpful to name a player according to location, especially when managing multiple players. The Username, Password and Subdomain information is provided by Keywest Technology.



Pressing the **Tab** key moves to the next text box. Pressing the **Tab** key in the **Subdomain** fields moves to the **REGISTER** button. Press **Enter** on the keyboard to select the **REGISTER** button.

Note: If the registration process does not start when **Enter** is pressed, the player is either not connected to the Internet or the **Username**, **Password** or **Subdomain** information is incorrect.



Configure New Breeze Player

Players Tool

11. Verify registration. Once the Breeze Player is registered, a new player icon is present in the Players tool of the Breeze server. The new icon in the Players tree is labeled the Name from Step #5.



12. **Deploy content**. Select the player icon, choose a **Schedule** and click on the **UPDATE PLAYER** button to deliver content to the player. (The player will continue to display "None," or a black screen, until a schedule is assigned to the player.)

Navigation	Players	L	obby Player			
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	Lobby Player ()	1	lime Zone	US/Centre	~	
		L	ast Check In:	4/5/2022 9		
Events		F	Player Date/Time:	4/5/2022 9		
RSS Creator			Current Schedule:	None		
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Knowledge Base		C	Container Version:	brightsign_XD1034_8.4.14_	8.0.94_03.00.29.33	
Support				UPDATE PLAYER		
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				Update		Player Troubleshooting Tools
				DI		These buttons only function if the player
				Player		need to power cycle - unplug it and plug it
						back in - if a player has not checked in for a while.
						RESTART APP HARD REBOOT CLEAR CACHE
breeze						



Configure New Breeze Player

The serial number for the Breeze Player, provided by Keywest Technology, must be entered manually.

Serial Number

13. **Select Advanced Settings tab**. The **Basic Settings** tab is displayed by default anytime a player icon is selected. Additional tabs at the top of the player infomration window provide advanced and custom settings for each player.



14. Enter the serial number. Text can only be entered in the Serial Number field once. Carefully type in and double-check the serial number (provided by Keywest Technology). Then, select the Update Player button to save the serial number to the player.

Navigation 4	Players	Lobby Player
Editor	Q Search	Basic Settings Advanced Settings Widget: Signwave Options Widget: Readerboard Options Player Screenshot - Click on O to refresh the screenshot
Scheduler	B Players 66	Serial Number BRZ09815D2C 2
Players	Cobby Player ()	Stretch to fit Display
Events		
RSS Creator		Network Command Schedules
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Templates		Daily Update C:-: O
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		Override User-Agent UPDATE PLAYER UPDATE PLAYER W UPDATE DIAYER W UPDATE DIAYER Def to power cycle - unplug it and plug it back in - if a player has not checked in for a while.
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Configure New Breeze Player

Serial Number

15. Verify the serial number. Information entered in the Serial Number field is displayed in the Players tree after the player Name in paraentheses. The serial number is also displayed in the second line of the Dashboard Details.



More information about the **Players** tool is provided in the <u>Breeze Quick Start Tutorial - Part II</u> tutorial.