

# breeze

DIGITAL SIGNAGE SOFTWARE



Install Breeze on a BrightSign Device:  
Software Download  
Version 3.0

# Install Breeze on a BrightSign Device



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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: [tech@keywesttechnology.com](mailto:tech@keywesttechnology.com)
- Helpdesk: [helpdesk.keywesttechnology.com](https://helpdesk.keywesttechnology.com)

### Breeze Software Documentation

#### Quick Start Tutorials:

[helpdesk.keywesttechnology.com/portal/en/kb/articles/breeze-tutorials](https://helpdesk.keywesttechnology.com/portal/en/kb/articles/breeze-tutorials)

#### Knowledgebase:

[helpdesk.keywesttechnology.com/portal/en/kb/keywest-technology-inc/breeze](https://helpdesk.keywesttechnology.com/portal/en/kb/keywest-technology-inc/breeze)

# Install Breeze on a BrightSign Device



## 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](mailto: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](mailto: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 or 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

# Install Breeze on a BrightSign Device

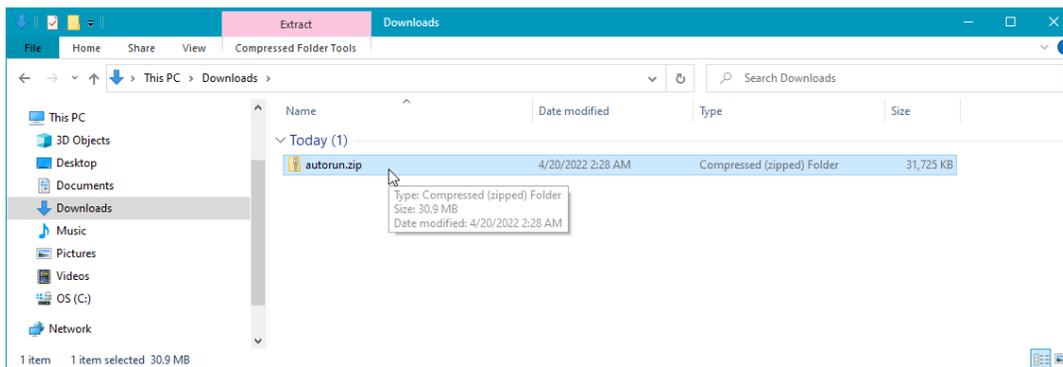
## Load Breeze Player Software

### 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.

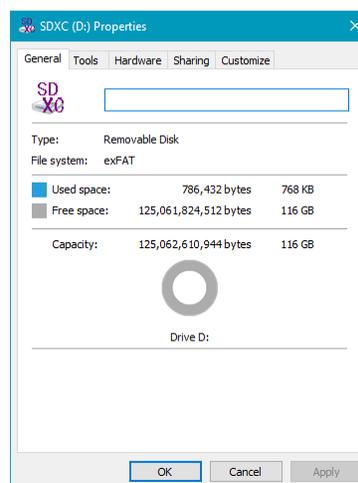
1. **Download Breeze Player software package.** Click on the following link to download a zipped file called “autorun.zip”: <https://link.keywesttechnology.com/bsautorun>.

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



2. **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.

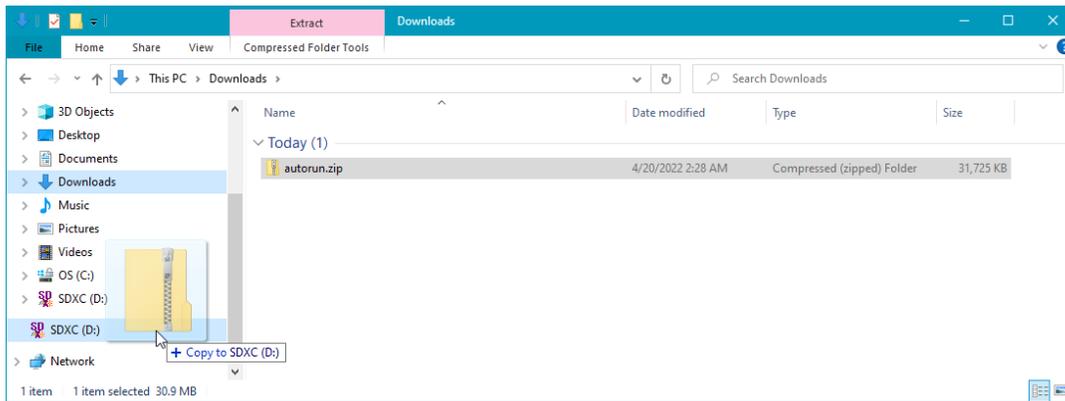


# Install Breeze on a BrightSign Device

## 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.



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

5. 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.

# Install Breeze on a BrightSign Device

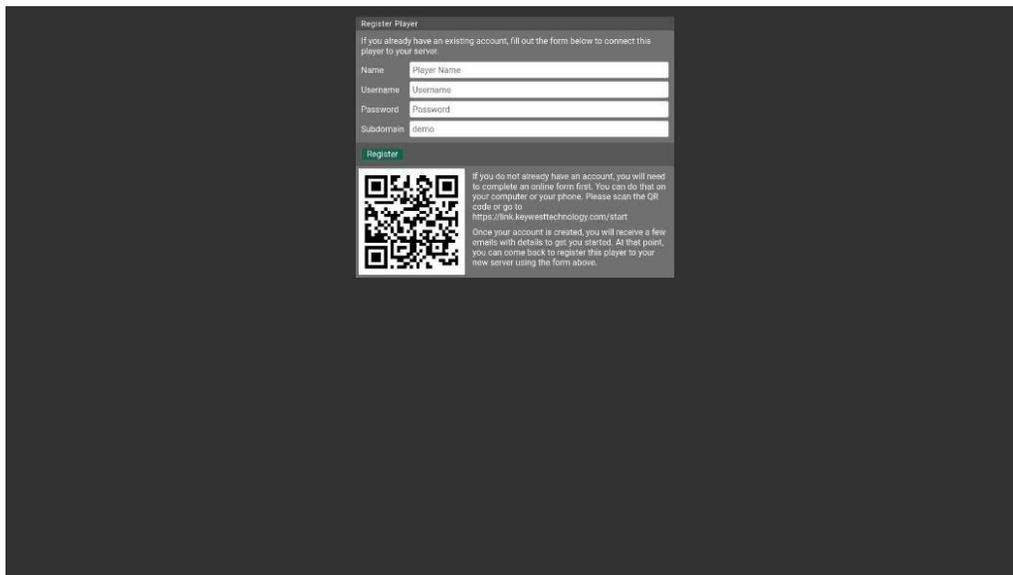
## Load Breeze Player Software

### 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 stay inserted permanently for the **Breeze Player** software to continue to operate.



# Install Breeze on a BrightSign Device

## 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.

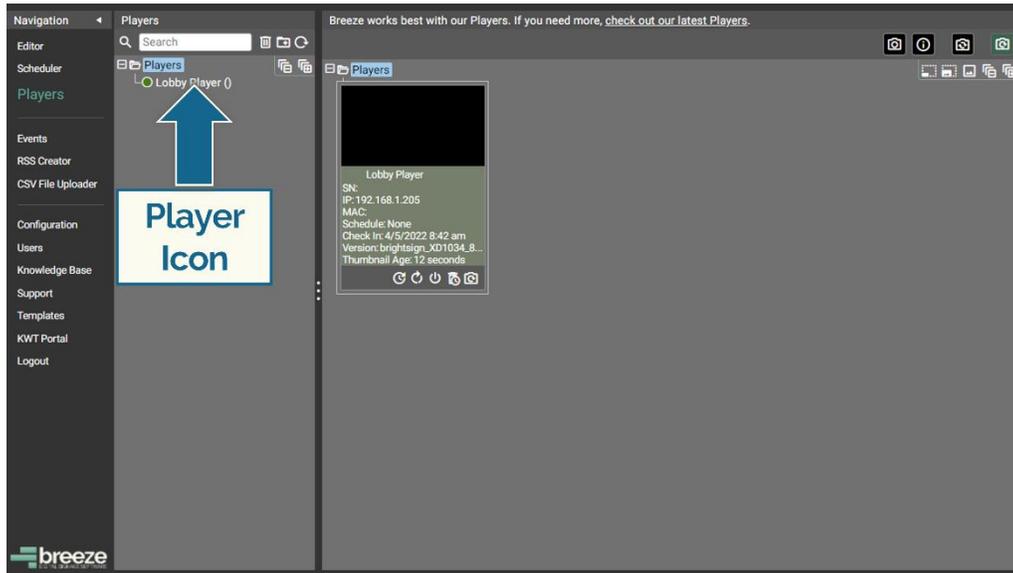
**Note:** If the registration process does not start when **Enter** is pressed, the player is either not connected to the Internet or the **Username, Password** or **Subdomain** information is incorrect.

# Install Breeze on a BrightSign Device

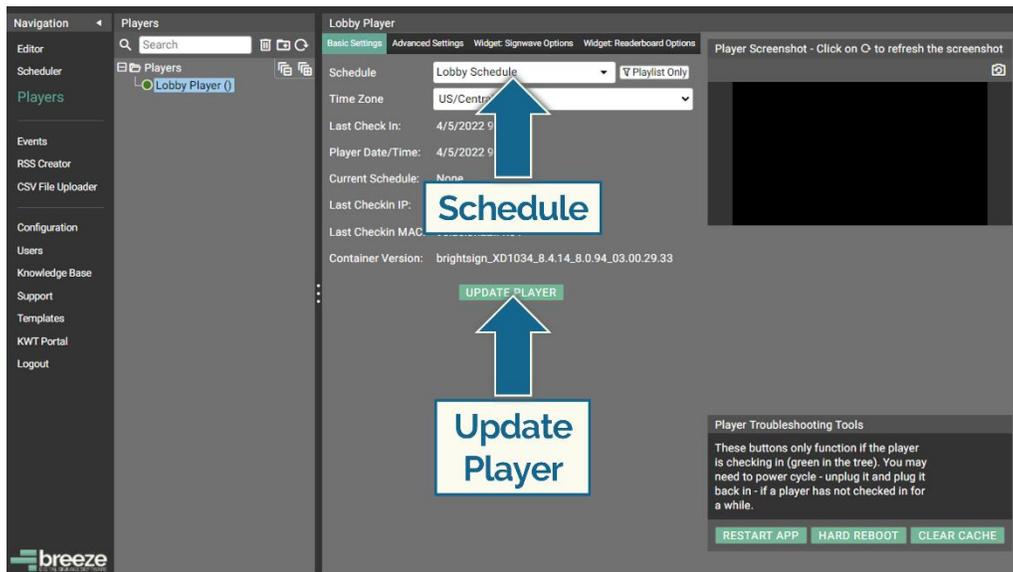
## Configure New Breeze Player

### 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.)



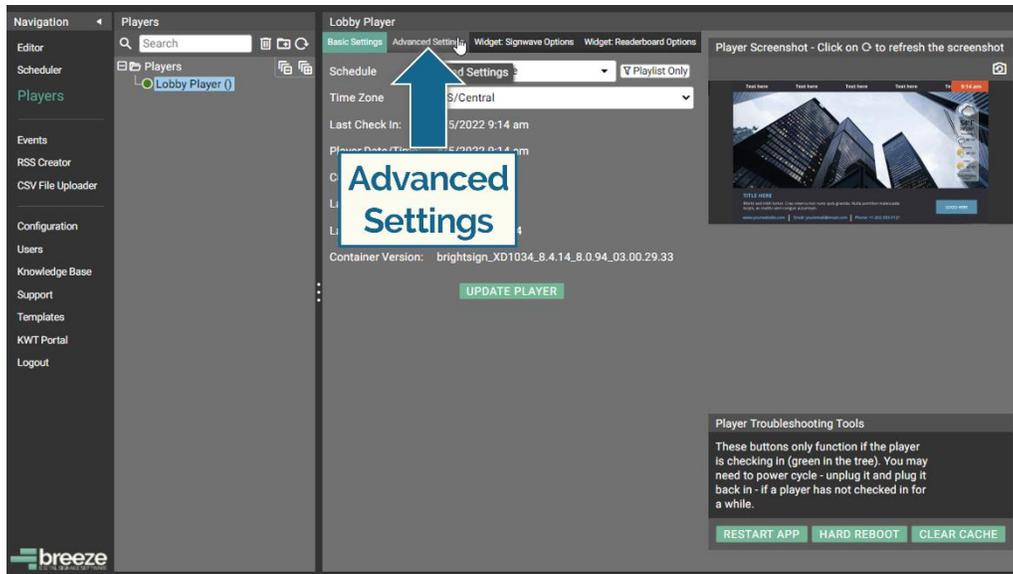
# Install Breeze on a BrightSign Device

## Configure New Breeze Player

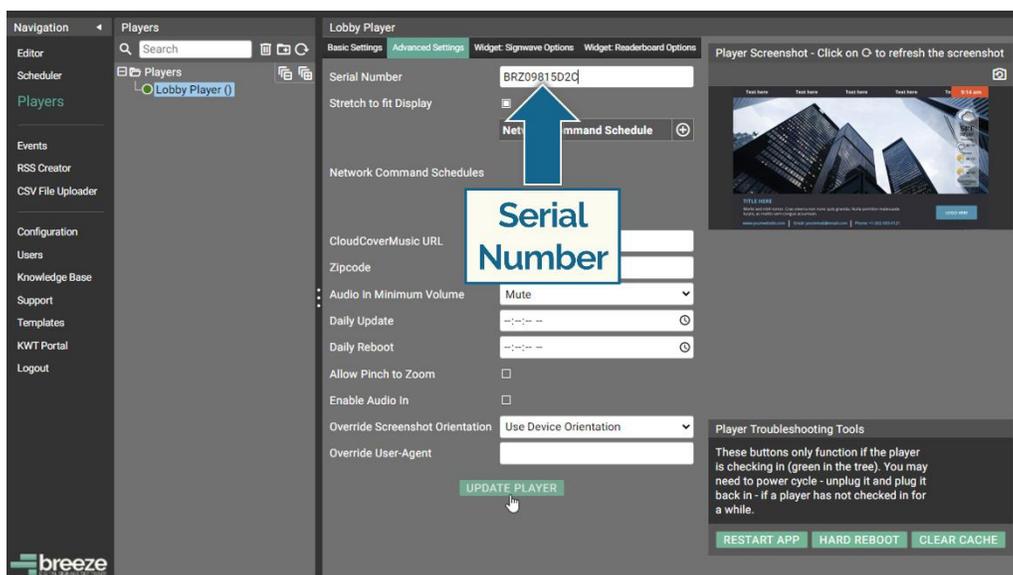
The serial number for the **Breeze Player**, provided by **Keywest Technology**, must be entered manually.

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 information 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.



# Install Breeze on a BrightSign Device

## 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 parentheses. The serial number is also displayed in the second line of the **Dashboard Details**.



More information about the **Players** tool is provided in the [Breeze Quick Start Tutorial - Part II](#) tutorial.