DS60P User Manual

CONTENTS

1. Startup

These screens will appear when the system starts up.

Splash screen

Provisioning

After connecting the system to power, the MOKA / BrightSign splash screen will be displayed.

If the system has already been set up and a presentation has been applied, the presentation will begin to play automatically.
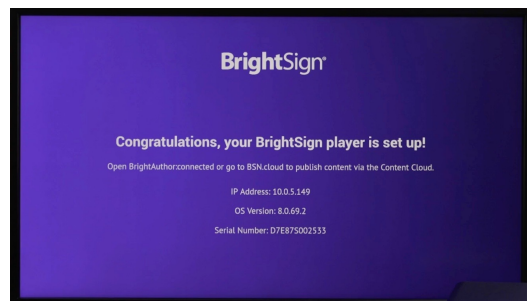
If the system has not been set up, you will be guided through the BrightSign setup process, also known as provisioning.

A major part of the provisioning process is establishing the Publishing Mode which defines how content will be published / delivered to the system.

2. Signal Source

Internal

HDMI

Signal Sources

- **Internal**
  This is the default signal from the internal BrightSign components. If a presentation has been applied, the presentation will automatically start playing when the system is powered on.

- **HDMI**
  When an active HDMI device is connected, the system will automatically switch to the signal from this device.

Switching Signal Sources

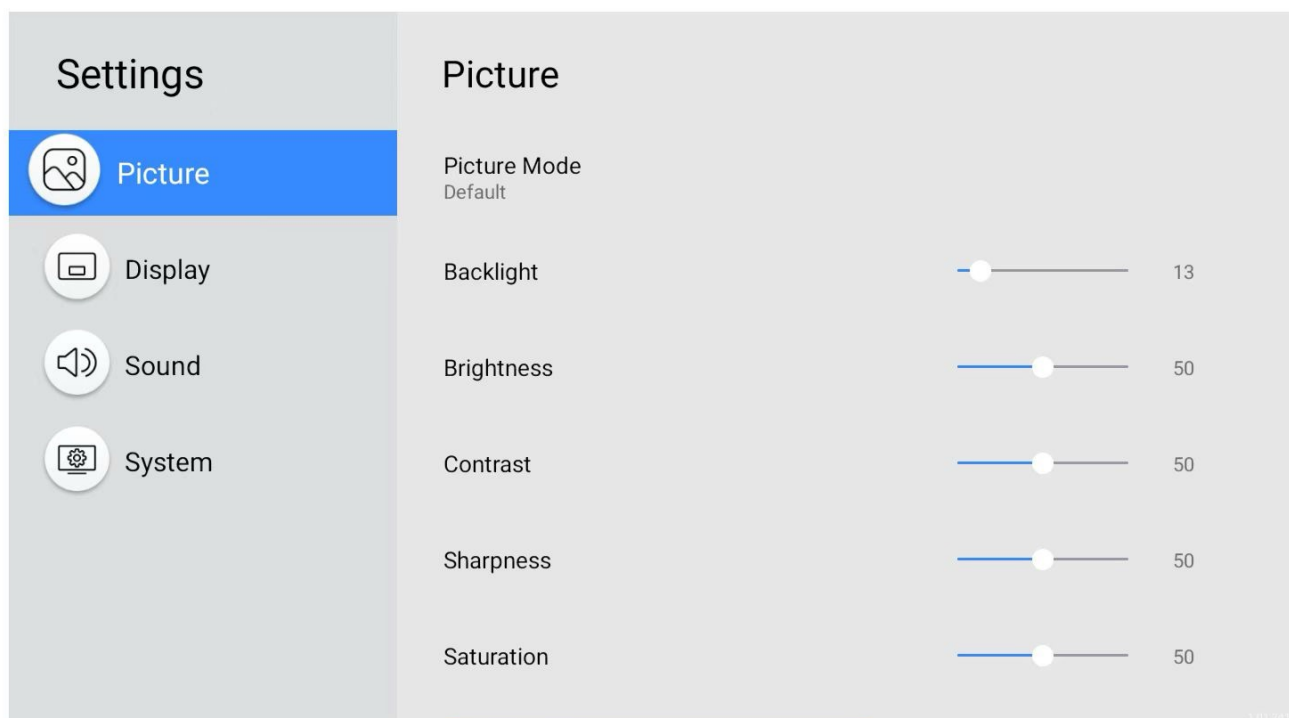- **Remote control**
  Use the "Source" button to select the desired signal source.

- **Automatic switching**:
  When an active HDMI device is connected, the system will automatically switch to the signal from that device. When the HDMI device is removed, the system will switch back to the internal BrightSign signal.

Use the "Settings" button ⚙ on the remote
control to configure the various settings.

Picture Mode

- Standard
- Vivid
- Soft
- Movie
- Monitor
- Game
- User

Backlight

- 0 - 100

Brightness

- 0 - 100

Contrast

- 0 – 100

Sharpness

- 0 – 100

Saturation

- 0 – 100

Color Tone

- Standard
- Warm
- Cool

Color Control

- R: 0 - 255
- G: 0 - 255
- B: 0 - 255

Reset Picture

Resets all Picture settings
to the default settings.

3. Settings - Screen Display

Aspect Ratio

- Auto
- 16:9
- 4:3

Language

- English
- Deutsch
- Italiano
- Español
- 中文（简体）
- 中文（繁体）
- العربية
- 한국어
- Français
- Português

HDMI Mode

(only available on 4K displays)
- HDMI 1.4
- HDMI 2.0

Sound Mode

- Standard
- Music
- News
- Movie
- Game
- User

Balance

- Left / Right
- Reset (restores to default)

Equalizer

Only available when the Sound Mode is set to User.

Reset Sound

Resets all Sound settings to the default settings.

3. Settings - System

About

- Display Firmware Version
- MAC Address
- WiFi MAC Address
- BrightSign Serial No.
- BrightSignOS Version
- Hardware Revision

Power

Auto Off

- Off, 15 min, 30 min, 45 min, 60 min

When the display is inactive (no source signal is detected), the display and network connection will automatically turn off after the indicated amount of time. If the Always Connected setting is enabled, the display will turn off after the indicated amount of time, but the network connection will remain active.

Auto On

- Enabled / Disabled

When enabled, the display and network connection will automatically turn on when the device is plugged in. When disabled, the display and network connection will turn on when the device is plugged in, and the Power button is pressed.

HDMI Wake

- Enabled / Disabled

When enabled, connecting an active HDMI device will automatically turn the system on. When disabled, connecting an active HDMI device will have no effect if the system or display is off.

Always Connected

- Enabled / Disabled

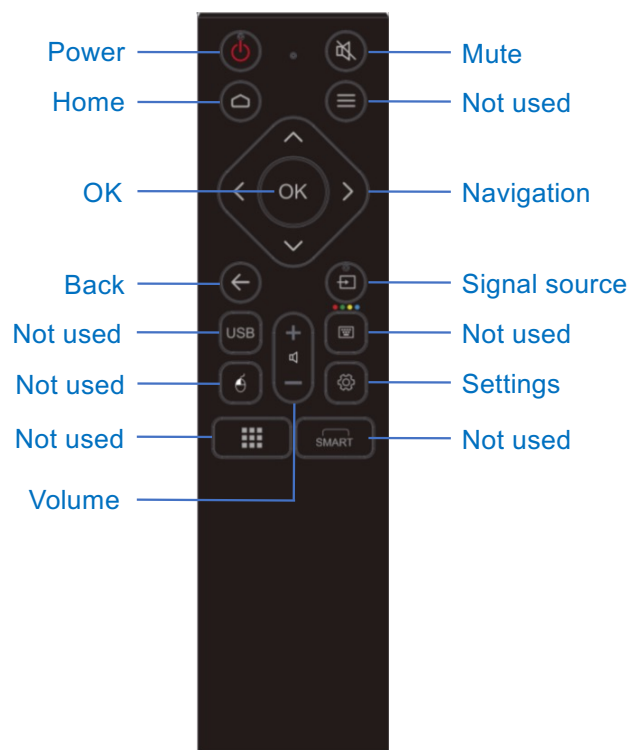Enabling this is recommended for digital signage use.

When enabled, pressing the Power button turns the display on and off. The network connection remains active, allowing software updates, content downloads, and remote management. When disabled, pressing the Power button turns the display and network connection on and off.

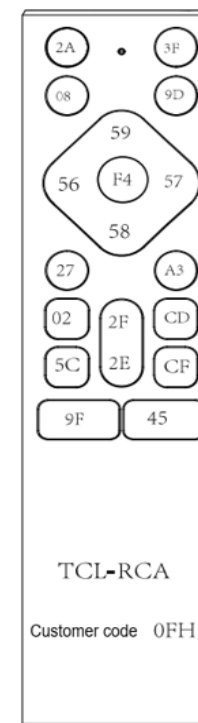This setting uses more power when enabled than when disabled.

Reset

Resets all System settings to the default settings.

4. Remote Control

Power ——— Mute

Home ——— Not used

OK ——— Navigation

Back ——— Signal source

Not used ——— Not used

Not used ——— Settings

Not used ——— Not used

Volume

Buttons

- **Power**：Turn the system on or off
- **Home**：Return to the main menu
- **OK**：Confirm the selection
- **Back**：Return to the previous screen
- **Volume**:
    - "+" to increase volume
    - "-" to decrease volume
- **Mute**：Press to mute / unmute
- **Navigation**：Up, down, left, right
- **Signal Source**：Change between internal and external signal source
- **Settings**：Access settings

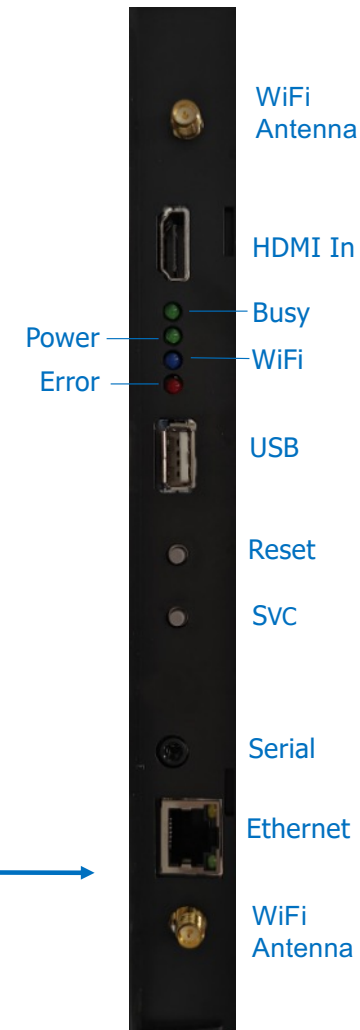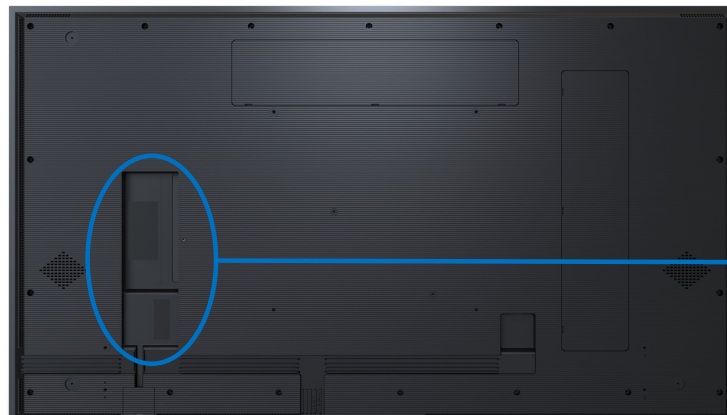| 2A | | 3F |
08		9D
	59	
56	F4	57
	58	
27		A3
02	2F	CD
5C	2E	CF
9F		45

TCL-RCA

Customer code   0FH

Key Codes

5. IR Receiver & Interfaces

IR Receiver
(center of the screen)

Interfaces

WiFi
Antenna

HDMI In

Busy

Power

WiFi

Error

USB

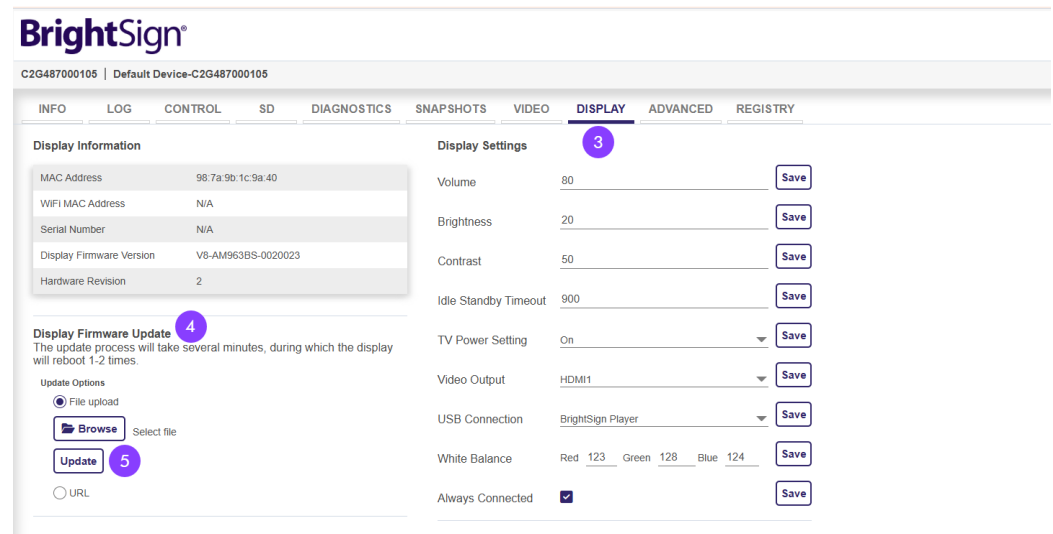Reset

SVC

Serial

Ethernet

WiFi
Antenna

6. Display Firmware Update (LDWS)

The system's Local Diagnostic Web Server (LDWS) can be used to update the display firmware over the local network.

1. Determine the system's IP address by booting up the system without a storage device. The IP address will be displayed on the screen.
2. Access the LDWS by entering the IP address into a web browser's address bar.
3. While in the LDWS, click the DISPLAY tab.
4. Under Display Firmware Update, there are two options:
   o File upload
     ▪ Upload a file from your computer.
   o URL
     ▪ Enter the address of the URL-accessible file.
5. Click Update.

The update process will take several minutes, during which the display will reboot 1-2 times.

6. Display Firmware Update (RDWS)

The system's Remote Diagnostic Web Server (RDWS) can be used to update the display firmware over the internet. The system must be registered with BSN.Cloud.

1. From BrightAuthor:connected, click the Network tab and find the system in the list.
2. Click the "gear" icon to access the RDWS.
3. While in the RDWS, click the DISPLAY tab.
4. Under Display Firmware Update, enter the address of the URL-accessible file.
5. Click Update.

The update process will take several minutes, during which the display will reboot 1-2 times.

7. microSD Card

microSD   Power
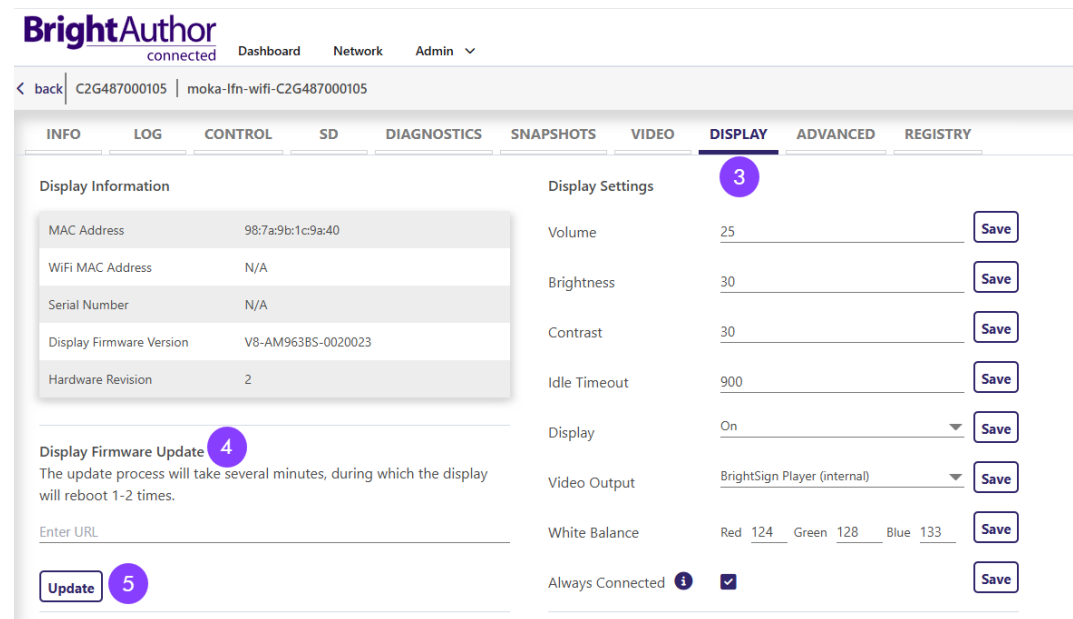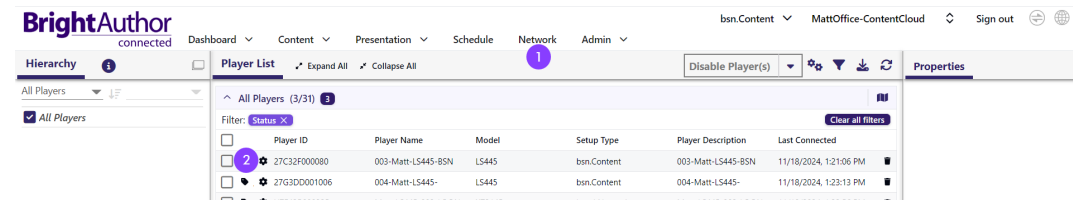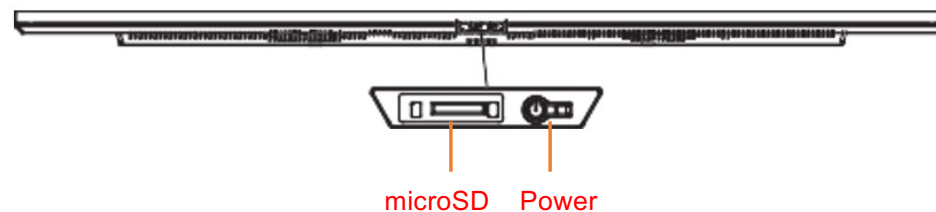
The system has minimal onboard storage and requires a microSD card (not included) for digital signage operation. A microSD slot is located at the bottom of the display.

Due to the continuous usage digital signage systems experience, BrightSign-qualified microSD cards are recommended. Please visit brightsign.biz/storage for more info.

Together, Stronger!