MOES WLS-CL-TV65-EU-MS LED Strip, Wi-Fi

Model: WLS-CL-TV65-EU-MS

Manufacturer: MOES

EAN: 6974246476742

Product Code: 1743296

R2,236

MOES WLS-CL-TV65-EU-MS LED Strip, Wi-Fi

The MOES WLS-CL-TV65-EU-MS LED strip lets you create striking TV backlighting that synchronizes with the on-screen image and the music being played. Thanks to RGBIC technology and an intelligent HDMI synchronization module, the lighting dynamically responds to events on the screen, enriching your viewing experience with additional visual effects. The device supports 4K at 60 Hz and HDR, and 2.4 GHz Wi-Fi connectivity allows for convenient control via the MOES app. You can also use voice commands via Alexa and Google Assistant to adjust the colors and brightness of the lights and choose from a variety of available effects.

Lighting that follows the picture and music

Give every scene a whole new dimension! The smart HDMI synchronization module adjusts the light strip’s effects to match the image displayed on your TV, creating an immersive atmosphere for movies, TV shows, and games. It supports the HDMI 2.0 standard, HDCP 2.2, and signals with

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resolutions up to 4K at 60 Hz with HDR. To use image synchronization, simply connect an external HDMI signal source—such as a game console, set-top box, or media player—to the module, and then connect it to your TV. What's more, there's also a music mode where the built-in microphone picks up ambient sounds, and the backlight reacts to the rhythm of the songs being played. This lets you create a unique atmosphere whether you're enjoying an evening movie or hanging out with friends.

Colors and effects tailored to your mood

With MOES, you can easily adjust the lighting to suit any occasion. You have a variety of lighting effects at your disposal, such as Dreamy, Dynamic, Loop, Sky, Romantic, Colorful, Dazzling, Sunflower, and Rainbow. There are also settings like Reading, Wake-Up, and Goodnight, which let you adjust the light for different times of the day. The device also offers Smooth (Streamer), Monochrome, Mood, and Widescreen modes. You can also adjust the backlight's color and brightness yourself to create effects that suit your preferences.

Convenient app and voice control

Manage the backlight without having to walk over to the TV! Thanks to 2.4 GHz Wi-Fi connectivity and support for the MOES app, you can conveniently change lighting settings right from your smartphone. The device also uses BLE connectivity and works with Amazon Alexa and Google voice assistants, allowing you to control the lighting with simple voice commands. Additionally, the module allows the backlight to automatically turn on and off along with the TV when a microUSB cable is connected (not included). Keep in mind, however, that when the connection is active and the AUTO indicator is on, you cannot control the strip via the app while the TV is turned off.

Well-thought-out design and easy setup

The 3.8-meter LED strip is equipped with RGBIC SMD5050 LEDs spaced at a density of 30 LEDs per meter. The included connection cable is 1.2 meters long, for a total length of 5 meters of strip and cable. The control module, measuring 106 × 95 × 19 mm, features an HDMI input and output, a Type-C LED strip connector, an additional connector for side lighting strips, a DC power port, and a microUSB port. Convenient Wi-Fi, AUTO, and HD indicators make it easy to monitor the device's status, and the RESET button restores factory settings when held down for 5 seconds. The LED strip itself has an IP65 rating, while the synchronization module is not waterproof. Before installation,

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clean and dry the back of the TV, fully unroll the strip, and test its functionality. Do not cut the strip or bend the areas where the LEDs are located excessively.

Included

- HDMI synchronization module x1
- 3.8 m LED strip x1
- 1.2 m connection cable x1
- European AC power adapter x1

Specifications

Manufacturer	MOES
Product model	WLS-CL-TV65-EU-MS
Module model number	FWBSB3-17
Product type	LED strip with HDMI synchronization module
LED strip type	RGBIC SMD5050
LED Configuration	RGB+CCT 30/60 LEDs/m
Number of LEDs on the Strip	30 LEDs/m
LED Strip Length	3.8 m
Connection Cable Length	1.2 m
Total length of strip and cable	5 m
Control module dimensions	106 × 95 × 19 mm
Operating voltage	12 V
Output voltage	12 V
Output signal level	5 V
Power consumption	Max. 3 W
Power supply input specifications	100–240 V AC

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Power supply output specifications	12 V DC (1 A / 1.5 A / 2 A / 3 A)
Communication protocol	Wi-Fi + BLE
Wi-Fi frequency	2.4 GHz
Supported app	MOES
Voice control	Amazon Alexa / Google Assistant
HDMI standard	HDMI 2.0 / HDMI 2.0b
HDCP	2.2
Maximum supported resolution	4K 60 Hz
HDR support	Yes
Recommended aspect ratio	16:9
Compatible TV sizes	Under 40", 40–50", 50–55", 55–65", 65–75"
Modes	Smooth (Streamer), Music, Widescreen Movie, Monochrome, Mood, Settings
Lighting Effects	Dreamy, Dynamic, Loop, Sky, Romantic, Colorful, Reading, Wake-up, Goodnight, Dazzling, Sunflower, Rainbow
Lighting Control	Color and brightness
Synchronization with video	Yes, via an external HDMI source
Synchronization with music	Yes
Microphone	Built-in
Supported LED drivers	WS2812 / WS2811 / WS2815 / SM16703
HDMI Inputs	1
HDMI Outputs	1
LED Strip Connector	1 × Type-C
Side Light Bar Connector	1 × Type-C
Power Connector	DC 5.5/2.1 mm
MicroUSB connector	1
Module indicators	Wi-Fi, AUTO, HD
Reset button	Yes, restores factory settings when held down for 5 seconds

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LED strip protection rating	IP65
Synchronization module water resistance	None

Information about data generation: https://dataact.innpro.pl/Moes/6974246476742, GPSR Link: https://psr-assets.innpro.pl/smarthome/sg_smarthome_lighting.pdf, PPWR: https://ppwr.innpro.pl/en/moes, Gross weight: 640, Net weight: 600, Box length: 17,80, Box width: 17,70, Box height: 7,10, Last delivery: 15.11.2026

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