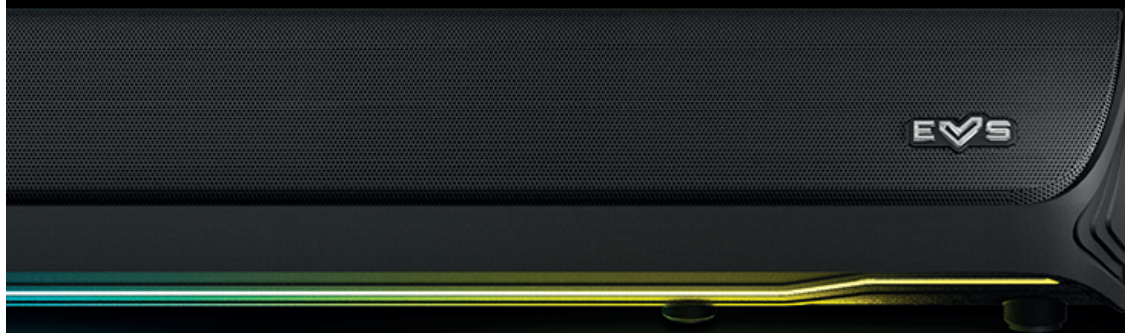


ENGLISH

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ESG4 PULSAR

ENERGY♥SYSTEM

Manual de Usuario / User Manual
Manual de l'utilisateur / Manual do usuário

Introduction

- Thank you for trusting our company and buying the new *Gaming Soundbar ESG 4 Pulsar*. We hope you enjoy the product.
- Soundbar with stunning design, several RGB lighting effects and 20 W of power for an unbeatable experience when playing video games, watching movies or TV shows and listening to music. Bluetooth connectivity to manage all functions. Remote control included.
- Before you start using your *Gaming Soundbar ESG 4 Pulsar*, we strongly recommend reading this manual to get used to it.

Care and maintenance

- Do not expose your *Gaming Soundbar ESG 4 Pulsar* to impacts, dust, humidity or high temperatures.
- Do not use neither corrosive nor abrasive cleaning products.
- Do not disassemble the device. All repair works should be carried out exclusively by qualified staff of Energy Sistem Technology, S.A.
- Make sure your *Gaming Soundbar ESG 4 Pulsar* is off when you are not using it.

Features

General features

- 2.0 gaming soundbar with 40 W of peak power to dive into your video games.
- RGB lights with several lighting effects to feel like you are part of the game.
- It features an optical digital input, a 3.5 mm jack connection, Bluetooth 5.0, and a USB player to listen to your favourite music.
- Remote control to manage all soundbar functions remotely.
- Enhance your gaming experience with stunning sound when playing on your console, TV or PC.

Technical specifications

Audio

- Stereo sound system
- Power: 20 W
- 2 full range speakers: 10 W
- Passive radiators: 2 front membranes
- Frequency response: 40 Hz ~ 18 kHz
- Signal/Noise ratio: > 90 dB
- 2 EQ modes

Bluetooth connectivity

- Bluetooth 5.0, class 2
- Compatible codec: SBC
- Frequency band: 2.4 GHz
- Maximum output power: < 20.00 dBm
- Compatible Bluetooth profiles: A2DP / AVRCP
- Up to 20 m distance range

Audio inputs

- Optical digital input Toslink SPDIF (PCM)
- 3.5 mm audio-in (analogue stereo input)

USB player

- Reads files from USB sticks (up to 128 GB)
- Supported formats: MP3 / WAV
- Supported file system: FAT32 / exFAT
- Shuffle mode

Power requirements

- AC/DC power adapter: 100 ~ 240 V/ 50 ~ 60 Hz
- Device adapter: DC
- Plug for electric socket: EU plug
- Power cable length: 150 cm
- Power consumption at medium volume: 2 Wh
- Power consumption at maximum volume: 10 Wh

Other features

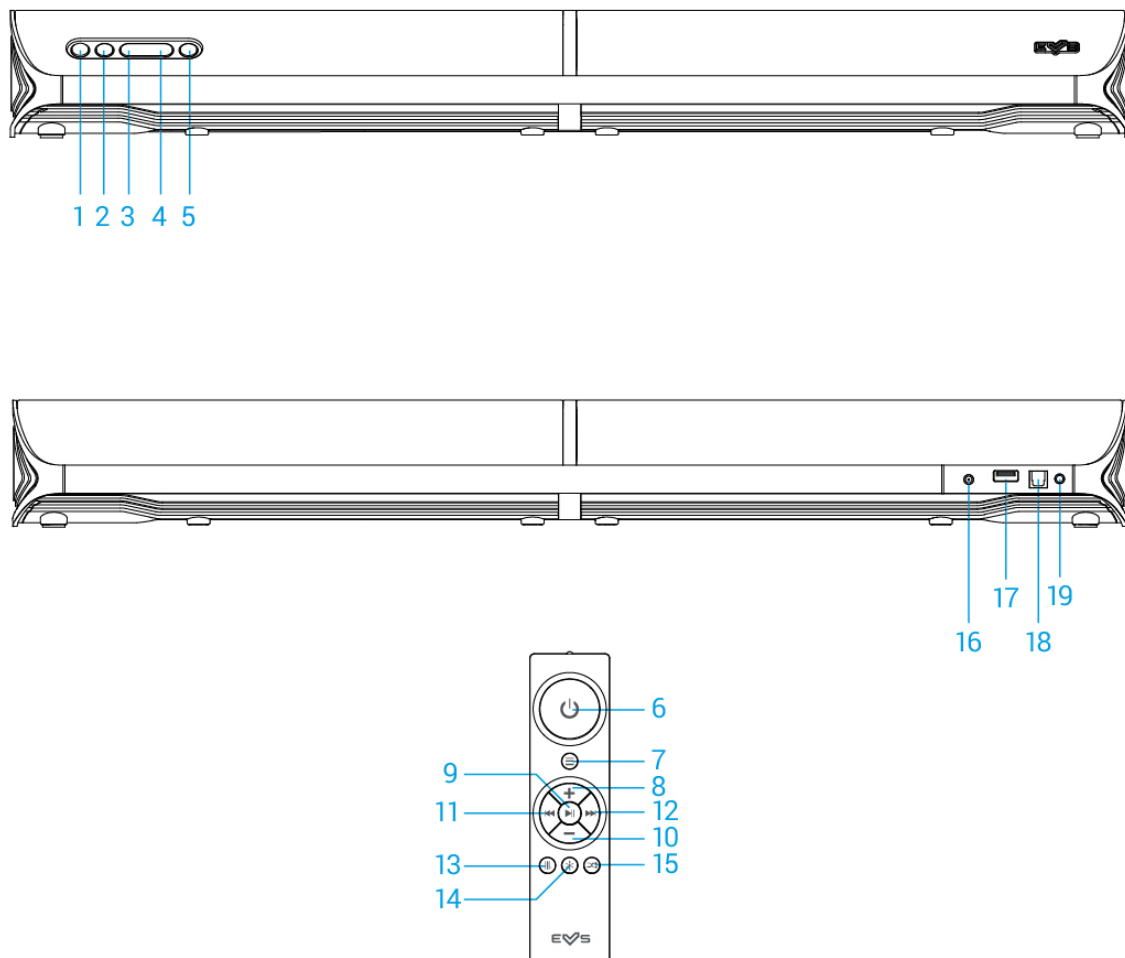
- Front RGB lights with several lighting effects
- Remote control with up to 5 meters range
- Plastic casing

Product content

- Gaming Soundbar ESG 4 Pulsar
- Remote control

- Power adapter
- Optical digital audio cable
- Audio cable

General overview



1. Power/LEDs on/off button
2. Playback mode
3. Volume -/Back
4. Volume +/Next
5. Play/Pause/Light mode/Colour
6. On/Off
7. Playback mode
8. Volume +
9. Play/Pause
10. Volume -
11. Back

12. Next
13. EQ mode
14. Light mode/Colour
15. Random playback
16. AC/DC power connector
17. USB playback port
18. Optical digital input
19. 3.5 mm audio-in (analogue input)

Switching on and off the device

Plug the power adapter into the *AC/DC power connector (16)*.

To switch on the *Gaming Soundbar ESG 4 Pulsar*, press the *Power/LEDs on/off button (1)* on the soundbar or *On/Off (6)* on the remote control. At this point the RGB LEDs light up.

To switch off the *Gaming Soundbar ESG 4 Pulsar*, press and hold the *Power/LEDs on/off button (1)* on the soundbar or *On/Off (6)* on the remote control for 2 seconds.

Note: If you switch off your *Gaming Soundbar ESG 4 Pulsar*, it saves the last selected lighting effect and colour. If RGB lighting is disabled when switching off the soundbar, it will also be disabled when you switch on the soundbar once again.

Playback modes

Once the *Gaming Soundbar ESG 4 Pulsar* is on, you can choose the playback mode you prefer. To do so, press *Playback mode (2)* repeatedly until finding the preferred playback mode. Playback modes will appear in the following order:

Bluetooth --> Line-in --> Optical --> USB

You will also hear the word identifying each mode.

Bluetooth wireless connection.

To pair your soundbar with a source device via Bluetooth, press *Playback mode (2)*. Select Bluetooth mode.

Access the Bluetooth settings on the source device and search for "Energy Sistem GS ESG 4" among the detected devices. Once selected, the devices will be connected immediately. You will hear a sound confirming both devices are correctly paired.

Your *Gaming Soundbar ESG 4 Pulsar* connects to the last paired device automatically when you switch it on once again, provided that the Bluetooth connection on the source device is enabled.

Press and hold *Playback mode (2)* for 2 seconds to disconnect the current device and pair it with a new one.

IMPORTANT: The soundbar turns off automatically after 5 minutes if not paired with any device.

Optical digital input (PCM)

Make the most of your *Gaming Soundbar ESG 4 Pulsar* using the *Optical digital input (18)*. This input allows you to connect an external device using the provided optical audio cable to enjoy digital sound.

IMPORTANT: Set the TV in PCM mode (Pulse-Code Modulation).

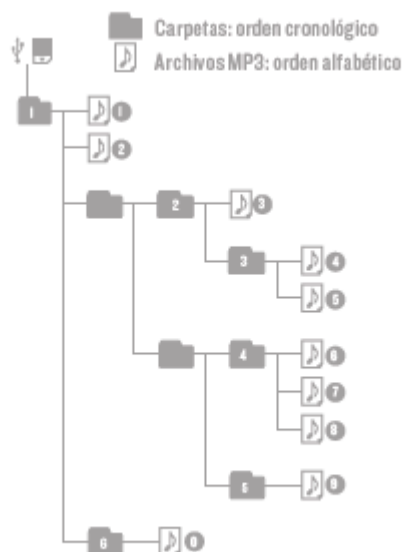
USB playback port

The soundbar plays .mp3 and .wav files from USB sticks (up to 128 GB). Playback starts automatically a few seconds after plugging the USB stick into the *USB playback port (17)*.

If you turn off the soundbar or remove the storage unit, the internal memory will save the moment where you paused playback. If you connect the same removable storage unit once again, music playback will resume and the last song you listened to will be then played.

The root folders and files of your removable USB sticks will be read in chronological order and the songs included in the folders in alphabetical order.

Here you have a diagram of the reading order:



Auxiliary audio input (AUX)

Make the most of your *Gaming Soundbar ESG 4 Pulsar* using the *3.5 mm audio-in (analogue input) (19)*. This audio input allows you to connect an external device using a 3.5 mm mini jack audio cable.

IMPORTANT: It is not possible to control music playback from the soundbar while using this mode. You will have to use the connected music player instead.

Playback control

Select a playback mode and you will be able to control all playback functions from your *Gaming Soundbar ESG 4 Pulsar*.

Press *Volume -/Back (3)* or *Volume +/Next (4)* to adjust the volume according to your preferences. You can also press the *Volume + (8)* and *Volume - (10)* buttons on the remote control to adjust the volume.

Press and hold *Volume -/Back (3)* or *Volume +/Next (4)* for 2 seconds to skip to the previous or next track. You can also press the *Back (11)* or *Next (12)* buttons on the remote control.

Press *Play/Pause/Light mode/Colour (5)* on the soundbar or the *Play/Pause (9)* button on the remote control to play or pause a song.

You can enable or disable shuffle mode using the remote control when playing files from a USB stick. To enable/disable this mode, press the *Random playback (15)* button.

Important: Bear in mind that you can only control playback from the connected music player while using AUX mode

(audio-in).

Light modes

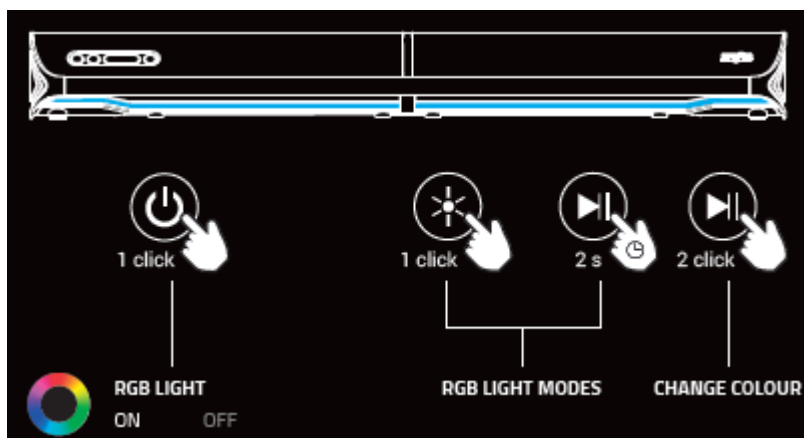
Your *Gaming Soundbar ESG 4 Pulsar* features RGB lighting. Adjust it to your liking using the soundbar buttons or the remote control.

Press the *Power/LEDs on off button (1)* on the soundbar or press and hold the *On/Off (6)* button on the remote control to enable/disable RGB lighting.

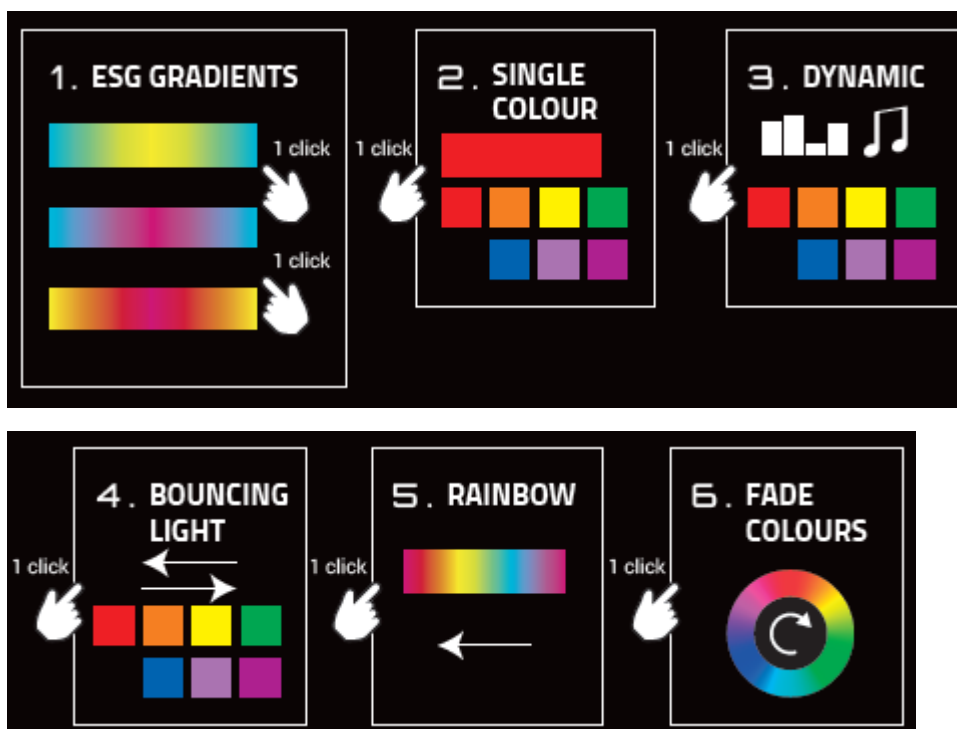
Enable RGB lighting and press and hold *Play/Pause/Light Mode/Colour (5)* for 2 seconds to switch between the different light modes. You can also do this using the remote control. Press the *Light mode/Colour (14)* button for 2 seconds.

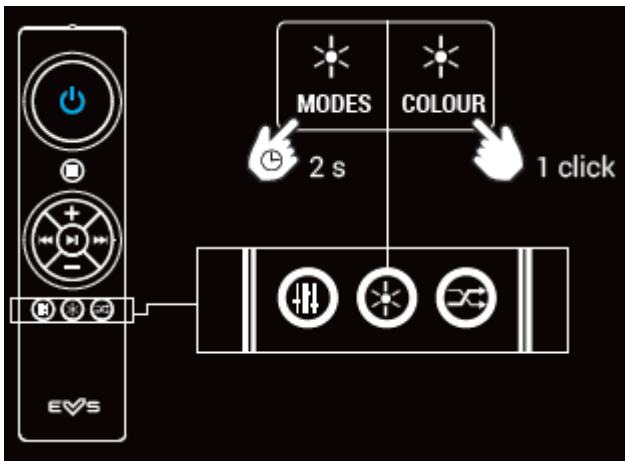
You can change the colour of each light mode. To do so, press *Play/Pause/Light mode/Colour (5)* twice in a row or press the *Light mode/Colour (14)* button on the remote control.

For a better understanding of the lighting effects and colours, please refer to the image below:



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Equaliser

The *Gaming Soundbar ESG 4 Pulsar* features 2 EQ modes to adjust the sound the way you prefer. To do so, press *EQ mode (13)* on the remote control and you will hear the different EQ modes available:

Gaming --> Music

FAQ frequently asked questions

The product does not output sound through the optical input.

- Make sure you have removed the protective plastic caps from the ends of the included optical cable.
- Check in the TV settings that it is configured in PCM (Pulse-Code Modulation) mode.

Warranty

You can check the warranty terms [here](#)

Declaration of conformity

Issuer's name: Energy Sistem Technology, S.A. - CIF: A53107488

Address: C/ Calpe, 1 - 03509 Finestrat, Alicante (Spain)

Tel: +34 966 830 324

We declare under our sole and exclusive responsibility that the product:

Description: gaming soundbar

Brand: Energy Sistem

Model: Gaming Soundbar ESG 4 Pulsar

Manufacturer: Energy Sistem Technology, S.A.

Manufacturing country: China

referred to in this declaration complies with the essential norms and standards

- EN 62368-1:2014+A11:2017
- EN 62479:2010
- ETSI EN 301 489-1 V2.2.3(2019-11)
- EN 55032:2015
- EN 55035:2017
- ETSI EN 301 489-17 V3.1.1(2017-02)
- ETSI EN 300 328 V2.2.2(2019-07)

in conformity with the provisions of the Directive 2014/53/EU of the European Parliament and of the Council of 16th April 2014.

Finestrat, 1st July 2021



Miguel Ángel Aragüez García
Innovation and Technology Director

