



# TWS400SPP-BEU Twinkly Strings Special Edition User Guide

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**TWS400SPP-BEU Twinkly Strings Special Edition**



## Product Information

The TWS400SPP-BEU is a set of Twinkly Strings that feature app-controlled lights. With the free Twinkly app available for iOS and Android, you can fully manage these strings. The app allows you to choose, create, and design effects, apply a timer, and switch the lights on and off. These strings can be easily set up using Bluetooth and Wi-Fi. The Twinkly Strings can follow the beat of the music with the optional Twinkly Music USB microphone. This allows the strings to reproduce effects in sync with any music played in your environment. You can unleash your creativity by grouping multiple Twinkly devices together using the app, with no physical connection required. These strings are not limited to Christmas decorations and can be used year-round for various occasions such as Halloween, parties, birthdays, and weddings. They are compatible with Hey Google, Amazon Alexa, Apple HomeKit, Homey, and can integrate with Razer Chroma™ RGB.

Each LED of the Twinkly Strings can be controlled individually, allowing you to create unique effects, gradients, and color animations. The patented mapping tool uses your smartphone camera to locate the precise position of each LED in the space, regardless of how they are laid out. This enables you to control your Strings like a screen and play professional, pixel-perfect effects and animations on your decoration. The Twinkly Strings can be combined with Twinkly Music, a small USB device sold separately, which can identify and interpret any source of music in your environment. This creates a WOW-effect audiovisual experience as the lights follow the beat. The strings can also be seamlessly controlled with vocal assistants such as Hey Google and Amazon Alexa, as well as with Apple HomeKit, Homey, and Razer Chroma™ RGB via Twinkly Chroma Connector, enhancing your gaming experience with stunning light effects that react to your gameplay. The Twinkly Strings are IP44 certified, making them suitable for both indoor and outdoor use.

## Product Usage Instructions

1. Download the Twinkly app from the App Store or Google Play Store.
2. Ensure that your smartphone has Bluetooth and Wi-Fi enabled.
3. Plug in the Twinkly Strings power adapter to a power outlet.
4. Connect the Twinkly Strings controller to the power adapter.
5. Launch the Twinkly app and follow the on-screen instructions to connect the app to the Twinkly Strings via Bluetooth and Wi-Fi.
6. Once connected, you can use the app to choose, create, and design effects for the Twinkly Strings.
7. Apply timers to schedule when the lights turn on and off.
8. If desired, connect the Twinkly Music USB microphone (sold separately) to enable the strings to follow the beat of music played in your environment.
9. To group multiple Twinkly devices together, use the Twinkly app without requiring any physical connections.
10. For voice control, ensure that your vocal assistant devices (Hey Google, Amazon Alexa) are set up and linked to the Twinkly app.
11. To enhance your gaming experience with light effects that react to gameplay, integrate the Twinkly Strings with Razer Chroma™ RGB via Twinkly Chroma Connector.
12. The Twinkly Strings can be used both indoors and outdoors thanks to their IP44 certification.

## INTRODUCTION

### **Twinkly Strings Special Edition – 400 RGB+W LED Lights String, 32 m, 16 Million Colors + Warm White – Generation II**

Twinkly Strings Special Edition – App-controlled LED Lights String with 400 RGB+W (16 million colors + pure Warm White) LEDs. 32 meters. Black wire. Indoor and outdoor smart lighting decoration. Twinkly Strings Special Edition is a smart LED lights string that can be controlled via app and vocal assistants. With a lighted length of 32 meters, consisting of 400 RGB + Warm white 5 mm clear and diffused flat lens LED, specifically designed with a flat head to reach impressive brightness levels and perfect tone of color, Twinkly Strings goes beyond the traditional decorative Christmas lighting with a Bluetooth® and Wi-Fi controller and a state-of-the-art smartphone application, bringing new levels of lighting design and creativity in and out of your connected home all-year-round. Like all Twinkly products, Strings can be mapped and every single LED can be controlled individually, allowing you to create and reproduce unique effects, gradients, and color animations – Strings becomes your screen. Easily configurable via Wi-Fi and Bluetooth®, Twinkly Strings is controlled using the free Twinkly App, available for iOS and Android. Twinkly's App enables you to create bespoke light design installations thanks to a wide range of pre-made effects and animations, as well as the ability to create your own effects from scratch using the FX Wizard creation tool. Twinkly Strings Special Edition can be grouped together with other Twinkly RGB+W devices to create larger, synchronized light installations. Twinkly Strings can be controlled seamlessly with vocal assistants such as Hey Google and Amazon Alexa, as well as with Apple HomeKit, Homey, and Razer Chroma™ RGB via Twinkly Chroma Connector to enhance your gaming experience with stunning light effects that react to your gameplay. Suitable for indoor and outdoor use, rated IP44.



## Highlights

- Special Edition RGB+W LEDs – 16 million colors + pure Warm White
- App-controlled 400 RGB + pure Warm White LED lights string
- Twinkly App free for iOS and Android on mobile and tablet
- Instant Wi-Fi and Bluetooth® connection
- Dozens of ready-to-play customizable effects, or create your own
- Can be grouped with other Twinkly RGB+W devices
- Works with Twinkly Music to react to the music played in your environment
- Works with Hey Google and Amazon Alexa
- Works with Apple HomeKit
- Supports Homey
- Integrates with Razer Chroma™ RGB via Twinkly Chroma Connector
- Smart controller, power adapter with plug (type F) included
- Indoor and outdoor use – IP 44

## Features

- **APP-CONTROLLED LIGHTS.** use the free Twinkly app (for iOS and Android) to fully manage Twinkly Strings. Choose, create and design effects, apply a timer, and switch your lights on and off.
  - **EASY SETUP.** Using Bluetooth and Wi-Fi you can quickly set up your Twinkly Strings and start playing with it in seconds.
  - **FOLLOWS THE MUSIC BEAT.** Using the optional Twinkly Music USB microphone, Twinkly Strings can reproduce effects in sync with any music played in your environment.
  - **STUNNING SCENERY INSTALLATIONS.** Unleash your creativity grouping multiple Twinkly devices together using the Twinkly app, with no physical connection required.
  - **YEAR-ROUND USE.** Twinkly Strings is not just for Christmas decorations, they are perfect for year-round use, from the creepiest Halloween to fantastic parties and celebrations, like birthdays and weddings! Strings will fit within any environment of your connected home, expressing all of your imagination.
- OTHER FEATURES. Smart controller, power adapter with plug type F (Europe) included. Fully-featured control panel with dimmer, timer and brightness. Works with Hey Google and Amazon Alexa. Works with Apple HomeKit. Compatible with Homey. Integrates with Razer Chroma™ RGB.

## Long description

Twinkly Strings Special Edition is a smart LED lights string that can be controlled via app and vocal assistants. With a lighted length of 32 meters, consisting of 400 RGB + Warm white 5 mm clear and diffused flat lens LED, specifically designed with a flat head to reach impressive brightness levels and perfect tone of color, Twinkly Strings goes beyond the traditional decorative Christmas lighting with a Bluetooth® and Wi-Fi controller and a state-of-the-art smartphone application, bringing new levels of lighting design and creativity in and out of your connected home all-year-round. Like all Twinkly products, every single LED of Strings can be controlled individually, allowing you to create and reproduce unique effects, gradients, and color animations. Twinkly's patented mapping tool uses your smartphone camera to locate the precise position of each LED in the space, however they are laid out. This powerful and innovative process lets you control your Strings like a screen: you can play professional, pixel-perfect effects and animations right on your decoration. Twinkly's App enables you to create bespoke light design installations thanks to a wide range of pre-made effects and animations, as well as the ability to create your own effects from scratch using the FX Wizard creation tool. All effects are completely customizable: brightness, speed, intensity, and color can all be modified with a single tap. A color picker helps you choose the perfect shade from more than 16 million options, plus the full spectrum between cold white and warm

white. An ON/OFF timer and general dimmer complete your control panel, providing you with unlimited possibilities to create the perfect lighting decoration. Strings Special Edition can be grouped together with other Twinkly RGB+W devices to create larger, synchronized light installations. Twinkly Strings can be used in combination with Twinkly Music, a small USB device (sold separately) capable of identifying and interpreting any source of music reproduced in your environment, enabling your lights to follow the beat for a WOW-effect audiovisual experience. Twinkly Strings can be controlled seamlessly with vocal assistants such as Hey Google and Amazon Alexa, as well as with Apple HomeKit, Homey, and Razer Chroma™ RGB via Twinkly Chroma Connector to enhance your gaming experience with stunning light effects that react to your gameplay. Getting started with your Strings is super easy: a quick and intuitive setup process helps you configure your device in a matter of seconds via Bluetooth® and Wi-Fi. Twinkly Strings is IP44 certified, suitable for both indoor and outdoor use.

General	
Product SKU	TWS400SPP-BEU
EAN	8056326673390
Year's model	2019

Light string	
LED type	Addressable LED
LED color	16M+ colors + Warm white
Number of lamps	400
Lamp type	Clear + Diffused flat lens
Lamp diameter	5 mm   0.2 in
Wire color	Black
Lighted length	32 m   105 ft
Distance between lamps	8 cm   3.1 in
Replaceable lamps	No
Extendibility	No
Net weight	1.15 kg   2.54 lbs

Controller	
Controller	Generation II
Connectivity	Bluetooth® and Wi-Fi
Controller dimensions	12.5 * 3.8 * 2.3 cm   5 * 1.5 * 0.9 in
Cable color	Black
Lead cable length	2.5 m   8.2 ft
Power cable length	1 m   3.3 ft

Technical	
Adapter input voltage	110-240V – 50/60HZ
Adapter output voltage	36W (24V 1.5A)
Plug supplied	Type F
Lifespan	Over 30,000 hours
IP rating	IP 44, Indoor and outdoor use

Features	
App controlled	Twinkly App (iOS and Android) for mobile/tablet
Grouping	Yes, with other Twinkly RGB+W lights (up to 10 devices under good Wi-Fi coverage)
Timer	Yes
Dimmer	Yes
Remote power ON/OFF	Yes
Custom Playlist Effects	Yes
Music Sync	Yes, only with Twinkly Music USB microphone
Voice Control	Google Assistant   Hey Google   Apple HomeKit (Turn ON/OFF, set brightness, change color)
Integrations	Compatible with Homey   Works with Razer Chroma™ RGB

- LEDWORKS S.R.L. Via Tortona, 37 – 20144 Milano – Italy [www.twinkly.com](http://www.twinkly.com)
- Rev. 20211012\_1.0
- Specifications are subject to change without notice.

## Documents / Resources



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