

LED Player

There are CD player, DVD player, MP3 player, video player and many more. Now there is the Diamex LED player. The player plays LED effect sequences on an SD card and displays them on the connected LED stripes or individual light-emitting diodes of type WS2812 or compatible. The USB connection allows the LED players also to play effects directly from your PC.

For this purpose, each program can be used to output the data in TPM2 format via the serial interface (JINX or GLEDIATOR).

The LED player plays LED sequences from a SD card and shows these effects on connected LED stripes or on single illuminated diodes like WS2812. Over the USB port the LED player plays also sequences directly from the computer. You can use every program, which plays dates in TPM2 format over the serial interface (like JINX or GLEDIATOR)

Technical dates:

USB 2.0 connection for LEDs and Stripes WS2812 compatible with LEDs

Maximum: 256 LEDs

Micro SD card up to 32 GB (SDHC) (not included)

USB 2.0 port, virtual COM port

Files and serial data in TPM2 format

2 buttons to operate the player

Controlled by a powerful 32-bit Cortex-M3 microcontroller

Board dimensions: 40 x 14mm

Scope of delivery:

* Diamex LED Player,

* Mini-USB cable

Notes:

A micro SD card is not included. It can be any commercially available Micro-SD card which can be used in the FAT32 format to 32 gigabytes.

Light-emitting diodes or stripes are not included. All WS2812 compatible LEDs (eg, WS2812, PL9823) or stripes can be used. Max.256 LEDs are possible.

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