

# FB4 interface

- [FB4 QuickStart Guide](#)
- [FB4 Manual](#)
- [OSC Commands](#)
- [FB4 technical drawings](#)
- [FB4 16 channel DMX assignment](#)
- [FB4 39 channel DMX assignment](#)
- [FB4 Content Pack installation manual](#)
- [FB4 Content Pack manual](#)
- [FB4 Scan-Fail \(Scan Guard\) For Audience Scanning](#)
- [Software Status bar color scheme](#)

## Tutorial videos

- [FB4 Laser Control Hardware](#)
- [FB4 Upload Feature](#)
- [FB4 Introduction and Settings for FB4](#)
- [FB4 Export Types and Export Options](#)
- [Using DMX and Autoplay feature](#)
- [How to install and set up the FB4 Beam Content Pack](#)
- [How to setup your FB4 laser from a PC](#)
- [How to setup your FB4 laser in Automode](#)
- [How to setup your FB4 laser from a lighting console](#)
- [Control FB4 directly from GrandMA](#)

## MicroSD Card file system and how to format for FB4

FB4 works with MicroSD Cards which are formatted in FAT32 format. Windows does not offer the ability to format MicroSD cards, larger than 32GB, in FAT32 format.\\[On this page you can download a free utility which can format MicroSD cards of any size in FAT32 format.](#)

## FB4 Downloads

- [FB4 Quickstart guide](#)
  - [FB4 Manual](#)
- [FB4 technical drawings](#)
- [FB4 16 Channel DMX Cheat sheet](#)
- [FB4 39 Channel DMX Cheat sheet](#)

## Content Pack Downloads

- [Content Pack Installation manual](#)
- [Content Pack Content manual](#)
- [Full content pack](#) 800Mb
- [Simples content pack](#) 68Mb
- [Ultra Simples pack](#) 4Mb

## Fixture profiles

- [Avolites](#)
- [Chamsys MagicQ](#)
- [GrandMA 2](#)
- [Obsidian Onyx](#)

From:

<http://wiki.pangolin.com/> - **Complete Help Docs**

Permanent link:

<http://wiki.pangolin.com/doku.php?id=hardware:fb4&rev=1653384197>

Last update: **2022/05/24 11:23**

