FB4 hardware connection diagrams

FB4 hardware connection diagrams

FB4 Basic setup

We have a single laser projector connected to our PC via the Integrated FB4 hardware.

FB4 - Independent control setup

We have two lasers, each with their own FB4. This is called indecent control, as each laser can do something different at the same time, because they each have their own hardware connection.

FB4 - console setup

We have a single laser projector connected to a DMX console via the integrated FB4 OEM hardware through DMX or Ethernet. This example requires the FB4 DMX or FB4 MAX. The FB4 has been pre-populated with frames and can operate without computer.

FB4 – Extended console setup

We have two laser projectors connected to a DMX console or computer via the integrated FB4 hardware interface through DMX or Art-net. These projectors have an onboard switch which allows you to daisy chain them. This example requires the use of a laser projector, purchased through Pangolin. When running from a PC, you can simple stream content to the device. When running from a console, the FB4 has been pre-populated with frames and can operate without computer.

FB4 External hardware connection diagrams

FB4 External - Basic setup

We have a single laser projector connected to our PC via the FB4-External hardware.

FB4 External – Shared control setup

We have two lasers connected to a computer. Then we split the ILDA signal to both lasers (daisy chain). This is called shared control. As such, both lasers will do the same thing at the same time.

FB4 External – Independent control setup

We have two lasers, each with their own FB4. This is called indecent control, as each laser can do something different at the same time, because they each have their own hardware connection.

FB4 External – Console Setup

We have a single laser projector connected to a DMX console via the FB4-External hardware through DMX or Ethernet. The FB4 has been pre-populated with frames and can operate without computer.

FB4 External – Independent Console Setup

We have two lasers, each with their own FB4. This is called indecent control, as each laser can do something different at the same time, because they each have their own hardware connection.

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