

BarnColor

4xSFP-Flex



User Manual

10G / 12G

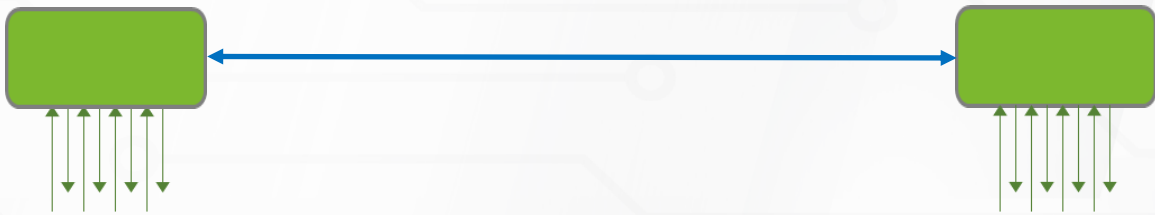
Ver. 1.0

THE CONCEPT

Each BarnColor pair is available as SDI, Ethernet and SFP (Flex) version and can cascade maximum 4 boxes (colors) on each side. The boxes can be combined in any variation as long as color is different. **Maximum transmission distance – medium range.** Equipped with rugged connectors.

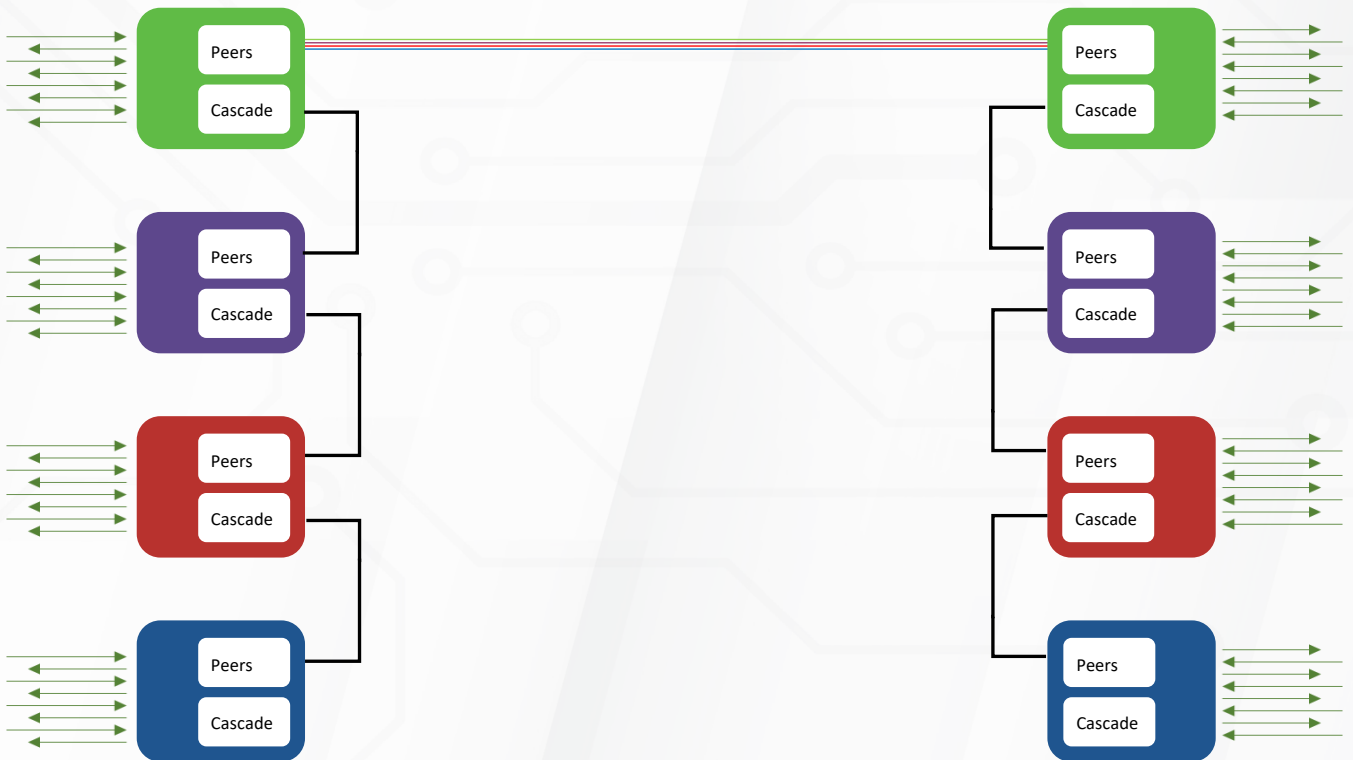
As a pair

BarnColor can be coupled as a point to point link and will transmit/receive 4x signals each way. **This point to point connection can be done with any color**



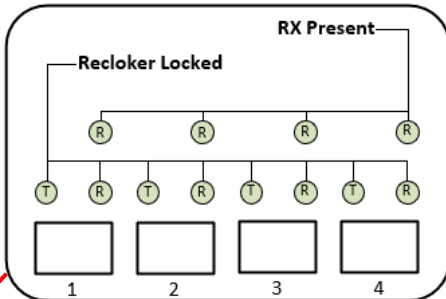
Cascade

BarnColor devices can be cascade coupled and all signals for both directions will be transferred into the same fiber connection. Follow the diagram under for connections. You will find the same diagram on top of the device.



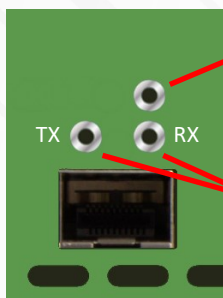
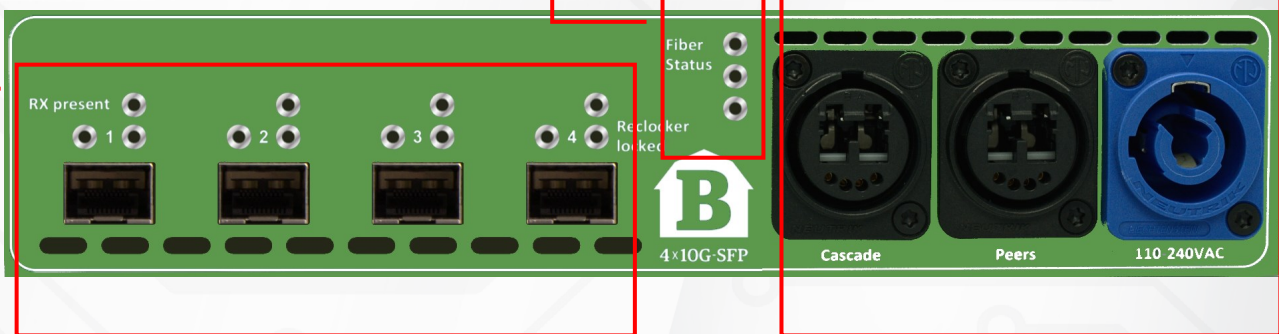
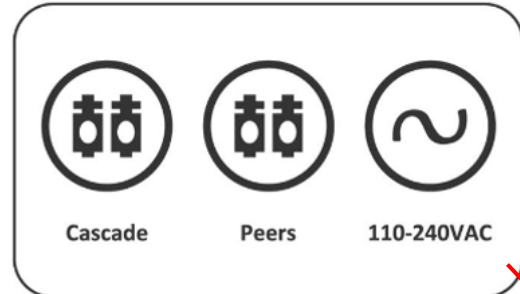
Front panel

Diagram on the top lid explain connectors and indicators



Fiber status:

- No link ●
- Accepted ●
- Excellent ●



RX present - Light detected on receiver

Reclocker locked - reclocker is locked to a valid signal TX (left) and RX (right)

For any questions, please contact
Support@barnfind.no



BarnColor 4xSFP-Flex

Technical Specifications

SFP-Ports

- SMPTE 258M, 292M, 372M, 424M, DVB-ASI, SMPTE ST-2081, (ST-2082 optional as 12G version), 1 Gbit/s Ethernet, 10 Gbit/s Ethernet
- Multirate reclocking of outputs 270Mbps – 10Gbps (12Gbps optional as 12G version)

Fiber port

(Cascade and Peer)

- Neutrik opticalCON DUO, also compatible with duplex Single Mode fiber LC-LC
- SMPTE 297M

Power plug

- Neutrik powerCON
- 100-240VAC, 15Watt

Physical size

- 223mm x 277mm x 44mm (8.8" x 10.9" x 1.7")
- 1.4 kg

Order codes:

- BarnColor-10GSFP-(or 12GSFP)-Flex-G - Green position
- BarnColor-10GSFP-(or 12GSFP)-Flex-P - Purple position
- BarnColor-10GSFP-(or 12GSFP)-Flex-B - Blue position
- BarnColor-10GSFP-(or 12GSFP)-Flex-R - Red position
- BC-PowerCable-EU – 220VAC Europe/Schuko (Hybrid CEE 7/7 plug)
- BC-PowerCable-US – 110VAC US (NEMA 5-15 grounded (Type B))

