



User Manual

# BarnColor

## 4x3G-SDI

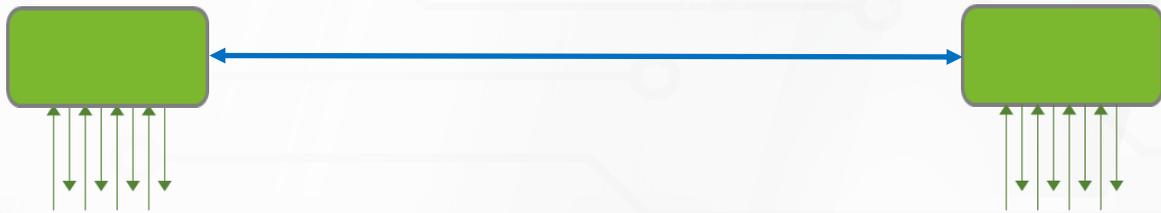
## 4x12G-SDI

## THE CONCEPT

Each BarnColor pair is available as SDI or Ethernet 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.

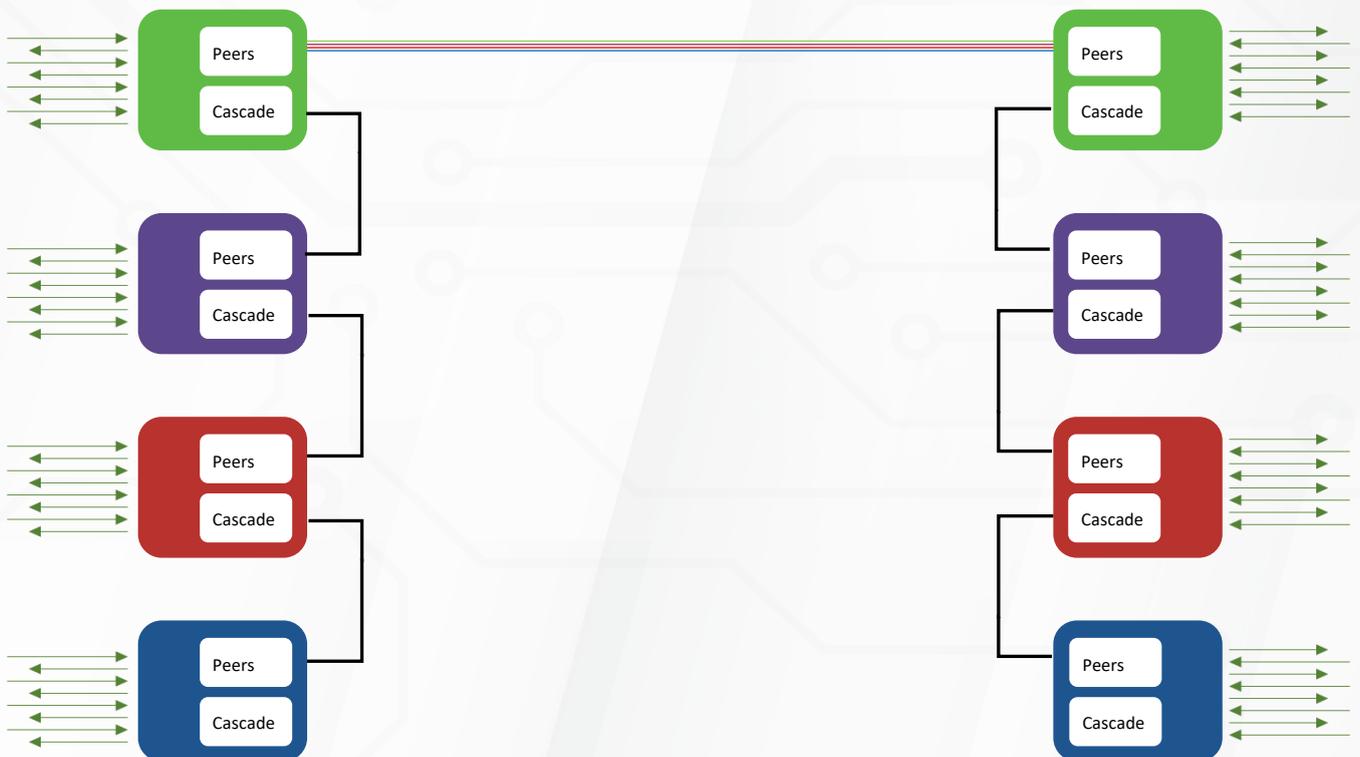
### As a pair

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



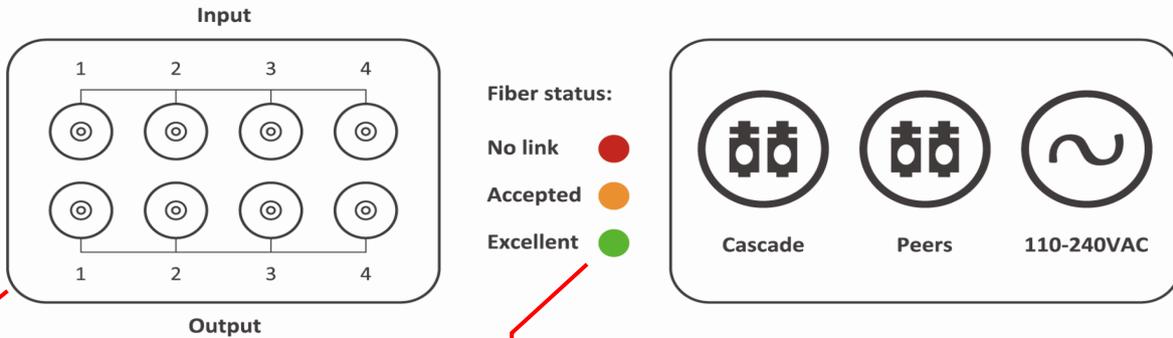
### Cascade

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



Indicates valid signal on **input**  
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Indicates valid signal on **output**

For any questions, please contact  
[Support@barnfind.no](mailto:Support@barnfind.no)



## Technical Specifications

# 4x3G-SDI

### BNC-Ports

- SMPTE 259M, 292M, 372M, 424M, DVB-ASI
- Multirate reclocking of outputs 270Mbps – 3Gbps

### Fiber port

- Neutrik opticalCON DUO LITE, also compatible with duplex LC
- SMPTE 297M

### Physical size

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

### Power plug

- Neutrik powerCON 20 A
- 100-240VAC, 15Watt

### Order codes

- BarnColor-3G-SDI-G – Green position
- BarnColor-3G-SDI-P – Purple position
- BarnColor-3G-SDI-B – Blue position
- BarnColor-3G-SDI-R – Red position
- BC-PowerCable-EU – 220VAC Europe/Shuko (Hybrid CEE 7/7 plug)
- BC-PowerCable-US – 110VAC US (NEMA 5-15 grounded (Type B))

## Technical Specifications

# 4x12G-SDI

### BNC-Ports

- SMPTE 258M, 292M, 372M, 424M, DVB-ASI, SMPTE ST-2081, ST-2082
- Multirate reclocking of outputs 270Mbps – 3Gbps

### Fiber port

- Neutrik opticalCON DUO LITE, also compatible with duplex LC
- SMPTE 297M

### Physical size

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

### Power plug

- Neutrik powerCON 20 A
- 100-240VAC, 15Watt

### Order codes

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