

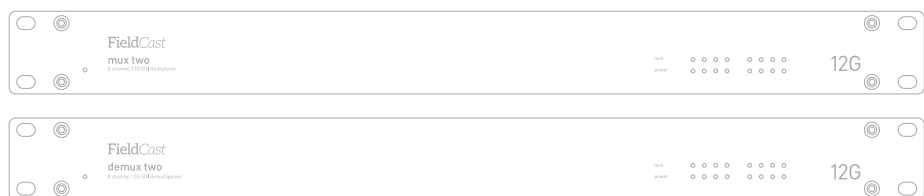
# mux two 12G / demux two 12G

Mux Two 12G and its twin brother Demux Two 12G allow you to transport eight independent channels of 12G SDI video over just one single mode fiber optic channel.

Is your infrastructure such that you have limited access to individual fiber optic connections, Mux Two and Demux Two can help you to run multiple channels of video without the need for a separate fiber optic strand per channel.

Or else, do you want to roll out a minimum number of cables in live events environments, just use Mux Two and Demux Two, multiplex up to eight channels of video and get all video data from A to B using only one strand of fiber!

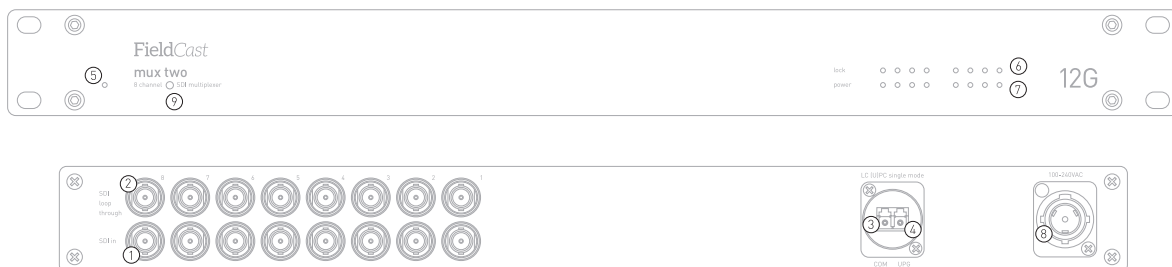
No hidden processing involved! All 3G video signals preserve full data integrity! What goes in comes out, unchanged.



## specifications

### mux two 12G

- 8 channel SDI input to 1 channel fiber optic output multiplexer
- 1RU all aluminum enclosure design
- eight 12G (11.88Gb) SDI input channels (1), each with SDI loopthrough (2)
- 75ohm BNC connectors for all SDI inputs and loopthrough outputs
- complies with SMPTE 259M, SMPTE 344M, SMPTE 292M, SMPTE 424M, SMPTE ST 2081 and ST 2032
- accepts all SD, HD and UltraHD standards up to 2160p60
- 9/125 single mode fiber optic technology
- one LC single mode (U)PC fiber optic output (COM) channel (3)
- one LC single mode (U)PC fiber optic upgrade (UPG) channel (4)
- black front panel with 2mm. warm white led indicators
- one led indicator for connection to AC power (9)
- one led indicator for power (5)
- eight led indicators for channel module activity (6)
- eight led indicators for SDI signal input activity (7)
- power consumption ← 40W
- proprietary hybrid WDM multiplexing technology for ultra low dispersion
- maximum distance between Mux and Demux unit → 10km.
- 110-240VAC input with PowerCon connector (8)
- dimensions: 482(W) x 155(W) x 43(H) mm.
- weight: 1800 grams
- comes with manual and local power cord



## specifications

# demux two 12G

- 1 channel fiber optic input to 8 channel SDI output demultiplexer
- 1RU all aluminum enclosure design
- 9/125 single mode fiber optic technology
- eight 12G (11.88Gb) SDI channels with dual output (1)
- 75ohm BNC connectors for all SDI outputs
- complies with SMPTE 259M, SMPTE 344M, SMPTE 292M, SMPTE 424M, SMPTE ST 2081 and ST 2082
- accepts all SD, HD and UltraHD standards up to 2160p60
- one LC single mode (U)PC fiber optic input (COM) channel (2)
- one LC single mode (U)PC fiber optic upgrade (UPG) channel (3)
- black front panel with 2mm. warm white led indicators
- one led indicator for AC power connection
- one led indicator for power (4)
- eight led indicators for channel module activity (5)
- eight led indicators for fiber optic signal input activity (6)
- power consumption ← 40W
- proprietary hybrid WDM multiplexing technology for ultra low dispersion
- minimum distance between Mux and Demux unit → 10km.
- 110-240VAC input with PowerCon connector (7)
- dimensions: 482(W) x 155(W) x 43(H) mm.
- weight: 1800 grams
- comes with manual and local power cord

