

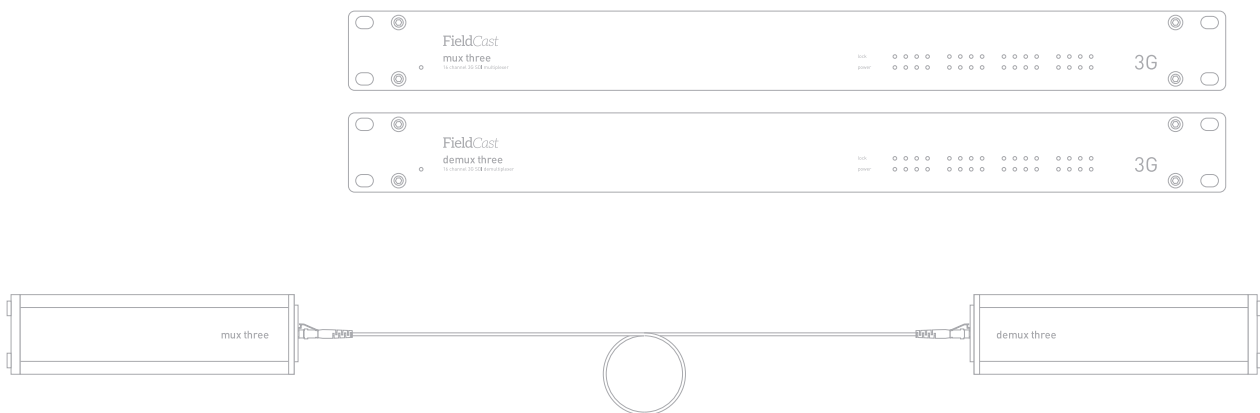
# mux three 3G / demux three 3G

Mux Three 3G and its twin sister Demux Three 3G allow you to transport sixteen independent channels of 3G 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 Three and Demux Three can help you to run multiple channels of video without the need for separate cables.

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

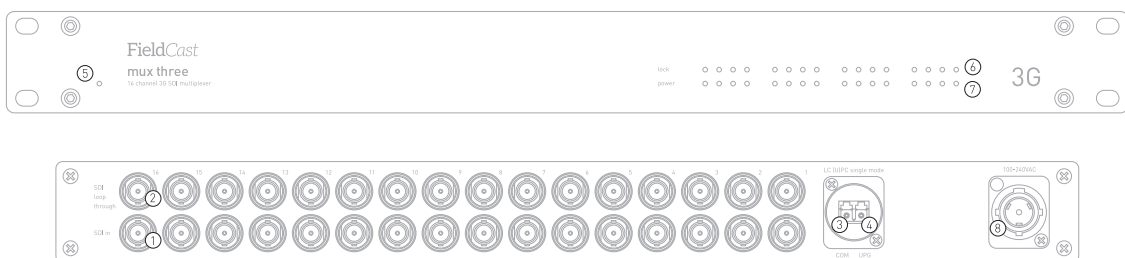
No hidden processing involved! All 3G video signals preserve full data integrity! What goes in comes out, unchanged.



## specifications

### mux three 3G

- 16 channel SDI input to 1 channel fiber optic output multiplexer
- 1RU all aluminum enclosure design
- 9/125 single mode fiber optic technology
- sixteen 3G (2.97Gb) 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 and SMPTE 424M
- accepts all SD and HD standards up to 1080p60
- one LC single mode (U)PC fiber optic (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 power (5)
- sixteen led indicators for channel module activity (6)
- sixteen led indicators for SDI signal input activity (7)
- power consumption ← 50W
- robust thin film CWDM multiplexing technology
- maximum distance between Mux and Demux unit → 40km.
- 110-240VAC input with PowerCon connector (8)
- dimensions: 482(W) x 155(D) x 43(H) mm.
- weight: 2070 grams
- comes with manual and local power cord



## specifications

# demux three 3G

- 1 channel fiber optic input to 16 channel SDI output demultiplexer
- 1RU all aluminum enclosure design
- sixteen 3G (2.97Gb) SDI channels with dual SDI output (1)
- 75ohm BNC connectors for all SDI outputs
- complies with SMPTE 259M, SMPTE 344M, SMPTE 292M and SMPTE 424M
- accepts all SD and HD standards up to 1080p60
- 9/125 single mode fiber optic technology
- one LC single mode (U)PC fiber optic (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 power (4)
- sixteen led indicators for channel module activity (5)
- sixteen led indicators for fiber optic signal input activity (6)
- power consumption ← 50W
- robust thin film CWDM demultiplexing technology
- maximum distance between Mux and Demux unit → 40km.
- 110-240VAC power input with PowerCon connector (7)
- dimensions: 482(W) x 155(W) x 43(H) mm.
- weight: 2100 grams
- comes with manual and local power cord

