

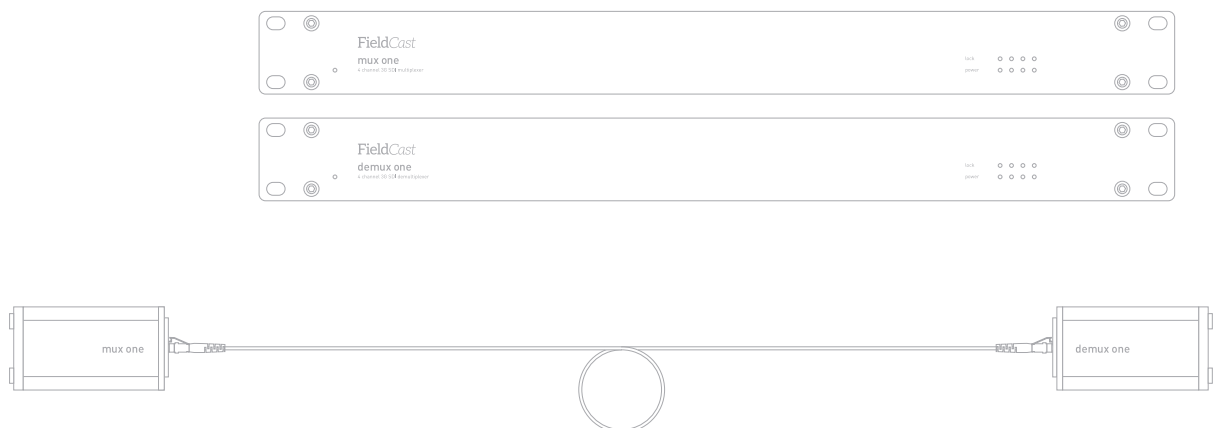
# **mux one** 3G compact / **demux one** 3G compact

Mux One 3G compact and its twin sister Demux One 3G compact allow you to transport four 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, or else, do you want to roll out a minimum number of cables in live events environments, just use Mux One compact and Demux One compact, multiplex up to four channels of video and get all data from A to B using only one strand of fiber!

And if you have minimum space these special 'compact' versions can help you out, having a total depth of only 80 millimeters!

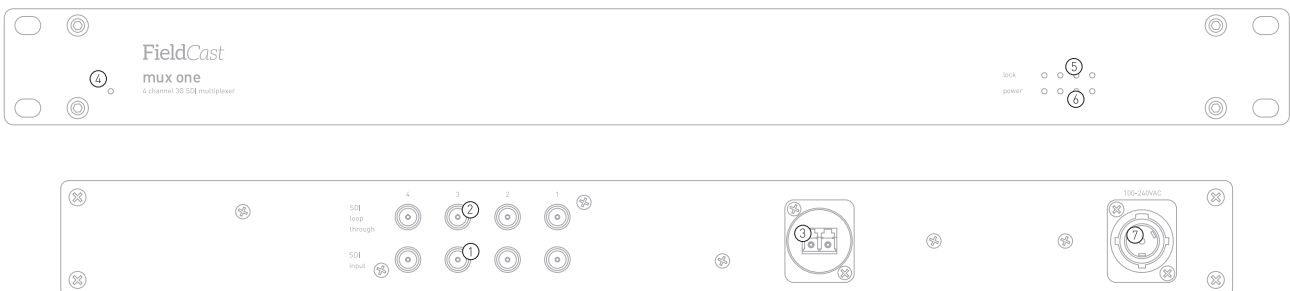
No hidden processing involved! All 3G video signals preserve full data integrity! What goes in comes out, unchanged.



## specifications

# mux one 3G compact

- 4 channel SDI input to 1 channel fiber optic output multiplexer
- 1RU all aluminum enclosure design
- four 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
- 9/125 single mode fiber optic technology
- one LC single mode (U)PC fiber optic output (COM) channel (3)
- black front panel with 2mm. warm white led indicators
- one led indicator for power (4)
- four led indicators for channel module activity (5)
- four led indicators for SDI signal input activity (6)
- power consumption ← 30W
- robust thin film CWDM multiplexing technology
- maximum distance between Mux and Demux unit → 40km.
- 110-240VAC input with PowerCon connector (7)
- dimensions: 482(W) x 80(D) x 43(H) mm.
- weight: 1600 grams
- comes with manual and local power cord



## specifications

# demux one 3G compact

- 1 channel fiber optic input to 4 channel SDI output demultiplexer
- 1RU all aluminum enclosure design
- 9/125 single mode fiber optic technology
- four 3G (2.97Gb) SDI channels with dual 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
- one LC single mode (U)PC fiber optic input (COM) channel (2)
- black front panel with 2mm. warm white led indicators
- one led indicator for power (3)
- four led indicators for channel module activity (4)
- four led indicators for fiber optic signal input activity (5)
- power consumption ← 30W
- robust thin film CWDM demultiplexing technology
- maximum distance between Mux and Demux unit → 40km.
- 110-240VAC input with PowerCon connector (6)
- dimensions: 482(W) x 80(D) x 43(H) mm.
- weight: 1600 grams
- comes with manual and local power cord

