

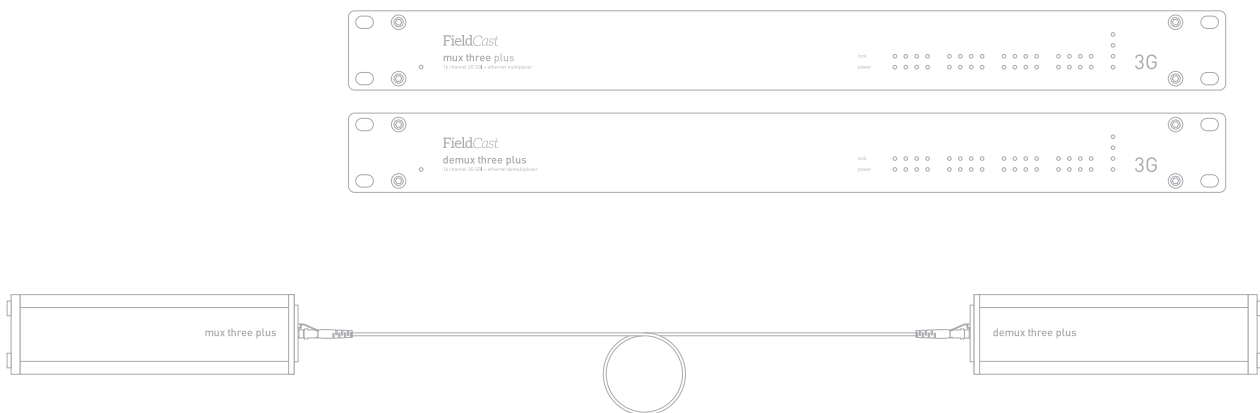
mux three plus 3G / **demux three** plus 3G

Mux Three Plus 3G and its twin sister Demux Three Plus 3G as a pair allow you to transport sixteen independent channels of 3G SDI video plus full duplex 1Gb Ethernet over just one fiber optic channel.

Is your infrastructure such that you only have access to one single mode (simplex) fiber optic connection, Mux Three Plus and Demux Three Plus can help you to get this all done, plain and simple.

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 plus ethernet and get all data from A to B using only one strand of fiber!

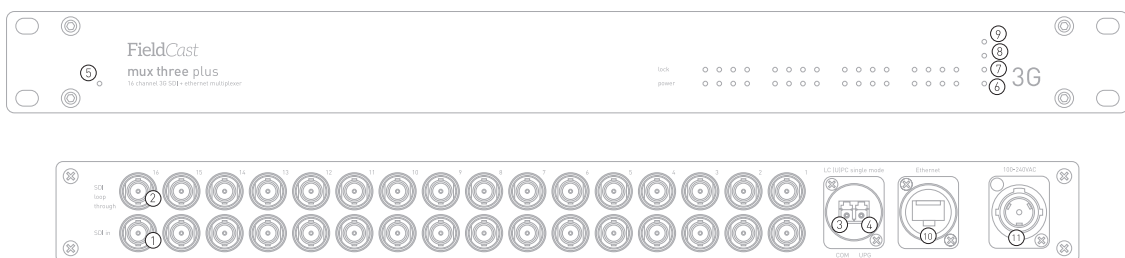
No hidden processing involved! All 3G video signals preserve full data integrity! What goes in comes out, unchanged. And the Ethernet connection simply behaves like a Cat5 cable connecting your hubs!



specifications

mux three plus 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 channel (COM) for all SDI signals and ethernet (3)
- one LC single mode (U)PC fiber optic upgrade (UPG) channel (4)
- Ethernet protocol: IEEE802.3U IEEE802.3z 1000Base-TxFx
- UTP RJ-45 connector for Ethernet, full duplex or half duplex (10)
- black front panel with 2mm. warm white led indicators
- one led indicator for power (5)
- led indicators for channel module activity (6), input activity (7), TP/LNK (8) and 1Gb (9)
- power consumption ← 50W
- robust thin film CWDM multiplexing technology
- maximum distance between Mux and Demux unit → 40km.
- 110-240VAC input with PowerCon connector (11)
- dimensions: 482(W) x 155(D) x 43(H) mm.
- weight: 2090 grams
- comes with manual and local power cord



specifications

demux three plus 3G

- 1 channel fiber optic input to 16 channel SDI output demultiplexer
- 1RU all aluminum enclosure design
- 9/125 single mode fiber optic technology
- sixteen 3G (2.97Gb) SDI channels with dual SDI output (1)(2)
- 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 channel (COM) for all SDI signals and ethernet (3)
- one LC single mode (U)PC fiber optic upgrade (UPG) channel (4)
- Ethernet protocol: IEEE802.3U IEEE802.3z 1000Base-TxFx
- UTP RJ-45 connector for Ethernet, full duplex or half duplex (10)
- black front panel with 2mm. warm white led indicators
- one led indicator for power (5)
- led indicators for channel module activity (6), input activity (7), TP/LNK (8) and 1Gb (9)
- power consumption ← 50W
- robust thin film CWDM multiplexing technology
- maximum distance between Mux and Demux unit → 40km.
- 110-240VAC input with PowerCon connector (11)
- dimensions: 482(W) x 155(D) x 43(H) mm.
- weight: 2100 grams
- comes with manual and local power cord

