

Audio Video Dual Commentary over Fiber Pair

Double Commentators

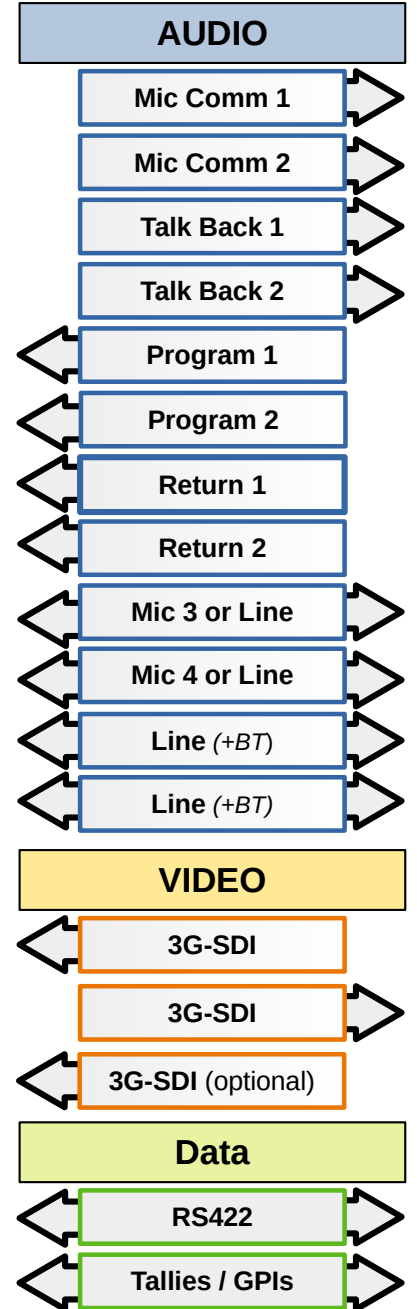


Video Monitors Source Control

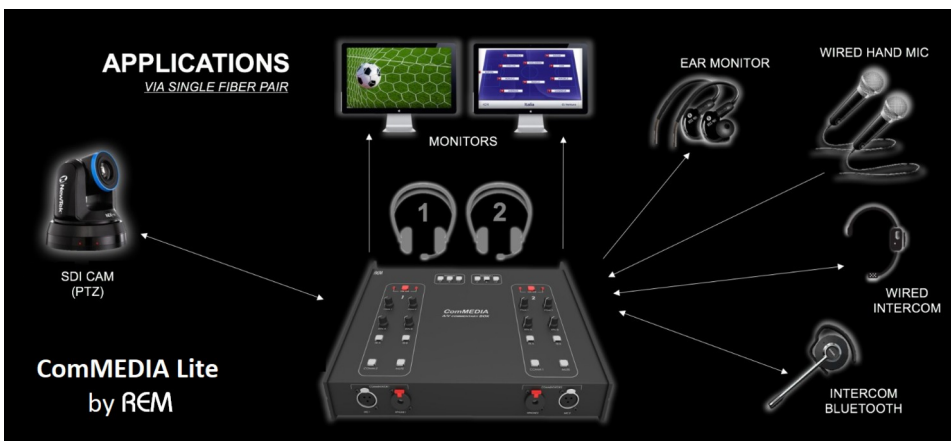
ComMEDIA Lite

The Lite version of ComMEDIA Double Commentary Station with interconnection via Fiber Pair Cable with the same Audio features

- Four Tie-lines Analog Audio I/O with Microphone/Line selection from DCU and Bluetooth intercom I/O option
- Dedicate button allow private talk between commentators
- BiDirectional 3G SDI Video to and from Console and an optional second 3G SDI to Console
- Tally and GPIs plus a RS422 useful to control a local PTZ
- Configuration and control via WEB browser
- Redundant Power Supply for DCU and Console



ComMEDIA Lite Application Example



1RU Control Unit with front controls

Audio Video Dual Commentary over Fiber

On Air
Enable / Disable
Normal - Unlatch - Forced

Video Control
Operator can select
Which Video in which Display

Audio Programs
Volume controls
PGM1 - PGM2

Audio Returns
Volume controls
RTN-A - RTN-B

Comm 2 Button
Direct communication with partner
Mute Button
Mute Local Microphone (Cough)

TB A Button
Enable Talkback to Regia
TB B Button
Enable Talkback to Tech Room

Console Main Functions & Notes

ComMEDIA Lite maintain all audio features and performance of full featured version
ON-AIR button has three operation modes: Normal, Unlatched and Forced, Check manual for mode details
When 'TB-Joint' function is activated TB A and TB B buttons enable both talkback lines at the same time
This is useful when only one talkback is used so the commentator will easily enable communication with any button
Video Control is active only when Second SDI option is present

Buttons may blink (via GPI) to visually call Commentators



Basic use →

2: 3G SDI Video In (typically Local Camera/PTZ)
3: 3G SDI Video Out 1 (e.g. → Display Right)
6: 3G SDI Video Out 2 Option (→ Display Left)
8: RS422 (typically PTZ control)
9: Status LED (Power, RPS, Fiber 1 OK)
11: Fiber connection (No Power Input)
12: Powercon Main
13: Tallies outputs and GPIs input
14: USB (Power Out Only)
15: Tielines 5 to 8 with 5 & 6 Microphone capable
17: Tieline U8 Jack Audio I/O (typ. for BT adapter)
18: USB (Power Out Only)

Console Main Connections

- (2) 3G SDI Video In (typically Local Camera/PTZ)
- (3) 3G SDI Video Out 1 (e.g. → Display Right)
- (6) 3G SDI Video Out 2 Option (→ Display Left)
- (8) RS422 (typically PTZ control)
- (9) Status LED (Power, RPS, Fiber 1 OK)
- (11) Fiber connection (No Power Input)
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Utilities - Presets
+48V Microphones 1-2 Phantom Enable
TB JNT Talkback Outpus Joined (TB1-2)
Mic 5-6 Microphone enable for Tieline 5-6
Remote Enable Remote Panel and WEB Ctrl

Fiber Switch
Not Active
Both Fiber Used
OK-Led Indicate Fiber 1

Microphone
Preamplifier Gain
Up-Down - Values Stored

On-Air Mode
Unlatch On-Air Button normally Off
Normal On-Air Button swap status
Forced On-Air Button always On

DCU Main Functions & Notes

ComMEDIA Lite use both fibers and Fiber Switch area is present but not active.
Fiber 1 only (Audio data) is monitored via 'OK Led'
Second 3g-SDI Video sent to console is optional
Remote Button activate the WEB Browser option
TB Joint is useful when only one talkback is used so the commentator will enable communication with any talkback button pressed
Neutrik Lite connection is optional (LC-LC default)

DCU Main Connections

- (1) Main Power (90-240 Vac)
- (2) 3G SDI Video In 1 (e.g. → to Display Right)
- (3) 3G SDI Video Out 1 (← Camera/PTZ)
- (4) 3G SDI Video In 2 Option (→ Display Left)
- (7) RS422 (typically PTZ control)
- (8) All Audio Inputs (analog balanced)
- (9) All Audio Ouputs (analog balanced)
- (11) Tallies outputs and GPIs input
- (12) WEB Browser (Option) Ethernet connector
- (13) External Redundant Power Supply Input
- (14) Fiber connection (No Power Output)

1: Main Power (90-240 Vac)
2: 3G SDI Video In 1 (e.g. → to Display Right)
3: 3G SDI Video Out 1 (← Camera/PTZ)
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