REM Fiber Solutions

ComMEDIA

Audio-Video-Data Commentary Station

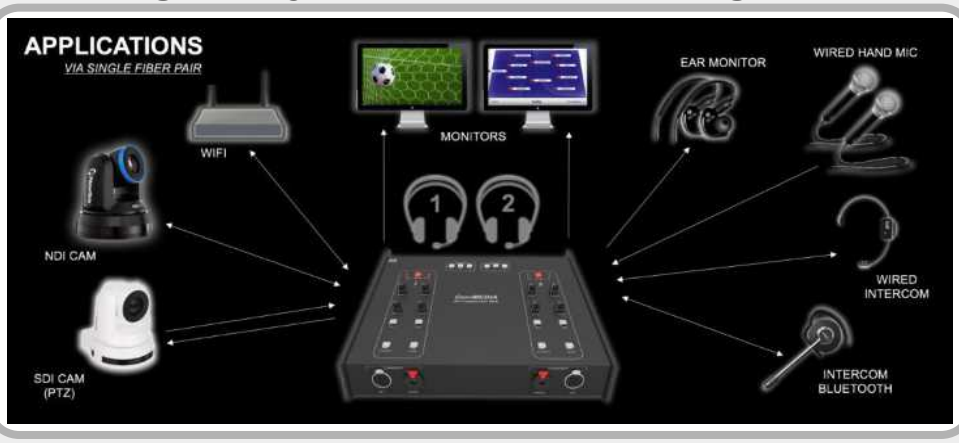
Full Featured Commentary over Fiber or Hybrid

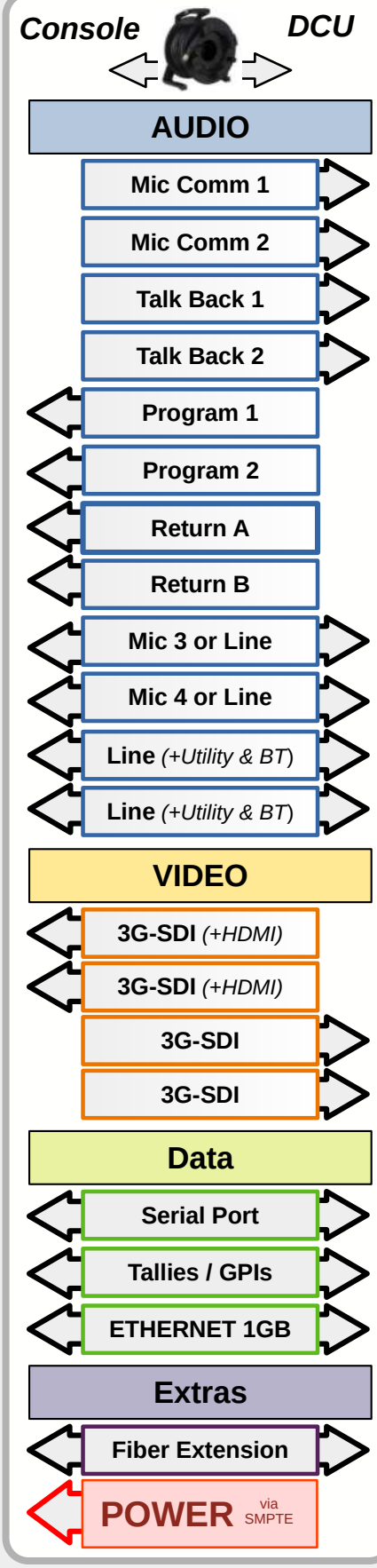
ComMEDIA

The FIRST full featured Audio-Video-Data Double Commentary Station with interconnection via Fiber Pair or SMPTE Hybrid Cable.

Two Bi-Directional 3G SDI Videos (to and from Console)
Video sources to commentator monitors selectable from Console and both available in SDI plus HDMI (opt.)
Dedicate button allow private talk between commentators
Four independent Tie-lines Analog Audio I/O with Mic/Line selection from DCU, Bluetooth intercom I/O
Ethernet 1GB, Tallies and GPIs plus serial RS422
Configuration and control via WEB browser
FIBER SWITCH - The unique Redundant Fiber mode !!!
[in case of failure of active fiber ComMEDIA swap automatically to second one]

All Signals you need – in a Single Fiber





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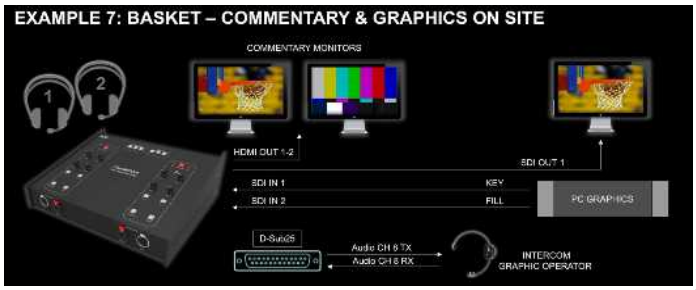
Console Rear

Infinite quick set applications:

Classic Dual Commentator & Guests plus:

- ✔ Wired / Wireless assistants
- ✔ Partially
- ✔ Secondary Full (Analog or Dante)
- ✔ Controlled ComCAM (PTZ)
- ✔ INVISION
- ✔ Graphics On-Site (Key+Fill+Intercom)
- ✔ ...much more

Just a Fiber or Hybrid Cable



Front & Remote Controls
WEB Page and 1RU Panel

Control Unit

Fiber Switch

Full Fiber Redundancy

Contro Unit Rear

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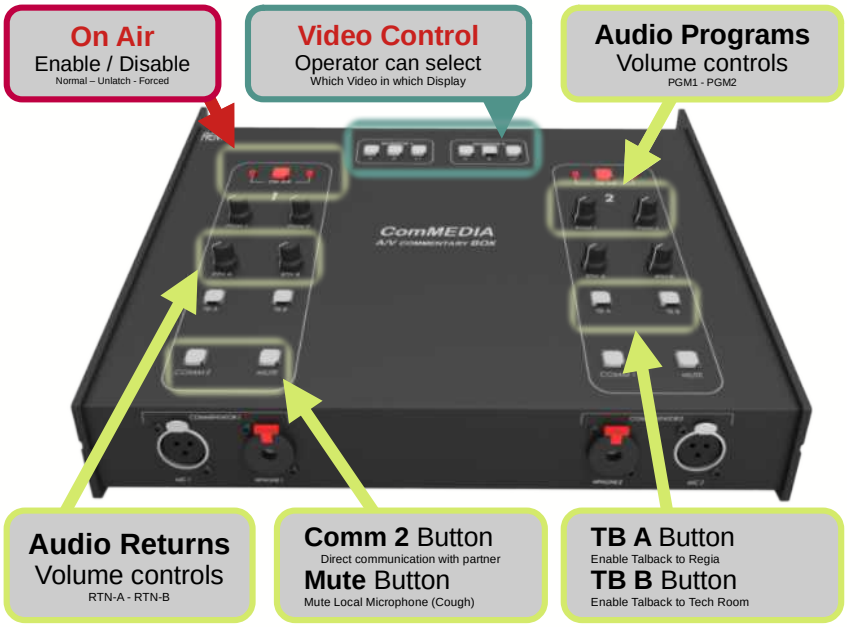

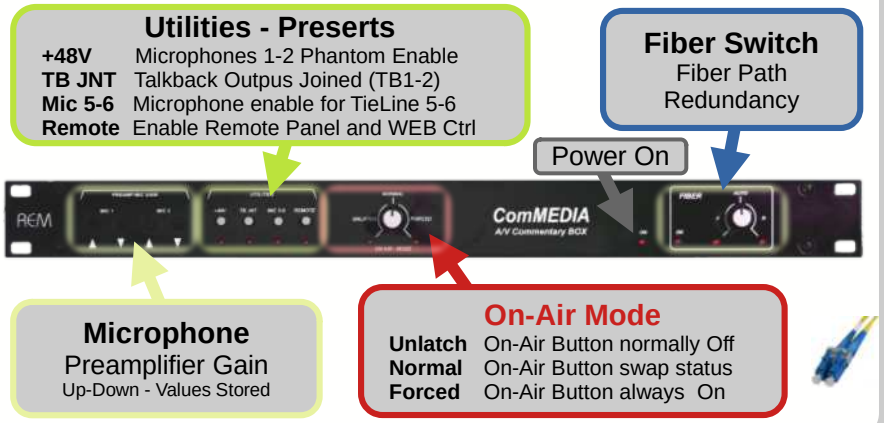

UTILITIES

ComMEDIA provide some simple but useful and flexible features:

FlexyBUS: Ethernet 1G Slot may be replaced with other signal transport
Like: BiDi MADI – Additional BiDi SDI-HD – Multimode SFP – …

U7 - U8: Utility Audio.
Tie-Line 7 and 8 are active on this ports when a device is inserted
Any Telephone / Gaming Headset may be connected
Bluetooth adapter (opt) may be used and powered via USB

USB Ports: May be used to charge or energize devices or LED Lamps

GPI – Tallies:
Various General Purpose bidirectional contact closure are available
The four buttons of each commentator may by Lighted Up by a dedicated Tally (e.g.: to indicate Video On-Air or to trigger attention)

Fiber Extension:
Allow a Second ComMEDIA to be used in Daisy Chain
or our Video Extension Module with additional video BiDirectional

Video Presentation Here! → *www.remsnc.it/ComMEDIA.html#youtube1-43*

Console Main Functions & Notes

Each Commentators

On Air: Lighted when Microphone Active
Three modes of operation, see below

Volumes [Audio Programs & Audio Returns]
Headphone volume levels adjustment
of four Audio coming from DCU

TB A & **TB B** Talkback lines enable
Momentary Buttons
Two return intercom communication to DCU
See TB-Joint Function

Comm 1 & **2** Talk to Partner enable
Momentary Buttons
Allow communication with the other commentator

Mute [Cought]
Momentary Buttons
Close Microphone

Video Controls [Monitor 1]
A DCU Video Source A to Monitor 1
B DCU Video Source B to Monitor 1
L1 Console Video Source 1 to Monitor 1

Video Controls [Monitor 2]
A DCU Video Source A to Monitor 2
B DCU Video Source B to Monitor 2
L2 Console Local Video Source 2 to Monitor 2

DCU Main Functions & Notes

PREAMP MIC GAIN
Up-Down buttons to direct control Microphones Gains
Values are store during power-down

UTILITIES

+48 Microphone Phantom enables

TB Joint Join TB1 and TB2
Useful when only one talkback is used
Commentator will enable communication
when any talkback button is pressed

MIC 5-6 Set Tie-Line 5 and 6 as Microphone Input
for Guest or additional commentator

REMOTE Enable WEB Browser Control
Read only when Off

ON-AIR MODE

Unlatch On-Air Button normally Off
Commentator button become 'Momentary On'

Normal On-Air Button swap status
'Classic' use

Forced On-Air Button always On
Commentator button inactive

FIBER SWITCH (option)

OK Indicate correct communication on active fiber

A Force use fiber A *(LED A on)*

B Force use fiber B *(LED B on)*

AUTO In case of failure on the active fiber path the Optical System swap to the second fiber

FIBER SWITCH Note:
ALL signals use a single fiber in operation
Use Manual selection to check both path before use
GPI/ Tally Notes:

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