

the LiGHTBoX LB1430

Fiber Optic Field Transport
HD, Composite, Audio, Ethernet & Data
Battery Operated & Bi-Directional

COMPATIBLE WITH: All MultiDyne products.
MADE IN USA

FEATURES & BENEFITS

- Fully configurable.
- Almost all MultiDyne products can be integrated.
- Extremely rugged case.
- Run on battery or AC supply.
- Anton Bauer or IDX mounting plate
- Singlemode or multimode configurations.
- Optical connectors include ST, SC, LC as well as TFOCA, PH, Tyco Expanded Beam & Neutrik.
- Can be linked w/ another LiGHTBoX or any MultiDyne product.



SUMMARY

The MultiDyne LiGHTBoX1430 is designed for field and harsh environment applications. Typical applications are ENG, sports, military and any field application where battery powered equipment is required. The LiGHTBox can be linked via tactical fiber cable to any MultiDyne product. The LiGHTBoX is fully customizable offering virtually any signal compilation. Think of the LiGHTBoX-1430 as a portable rackmount kit with an I/O panel. Just pick and choose from almost any MultiDyne, off the shelf, fiber optic units and we will integrate them into your LiGHTBoX. Then just grab it by the handle and head out to your next event.

COMPATIBLE PRODUCTS AND SIGNALS

- HD-3000:** 3.0 Gbps Multirate Serial Digital Video Fiber Optic Transmitter, 5 - 2970 Mb/s, SDI, HD-SDI, 3G HD-SDI, DVB ASI, SMPTE 424M, 292M/259M/310M/297-2006.
- HD-1500:** 1.5 Gbps Multirate Serial Digital Video Fiber Optic Transmitter, 5 - 1485 Mb/s, SDI, HD-SDI, DVB ASI, SMPTE 292M/259M/310M.
- DVM-2500:** 1 video, 8 audio and 2 data channel with tally, Bi-di, Fiber Optic, Transceiver; exceeds RS-250C Short-haul specs.
- DVM-2000:** 12 bit Video, 6 Ch. of 24 bit Audio and 3 Ch. of RS232 Data, Fiber Optic Transport; exceeds RS-250C Short-haul specs.
- DVM-3000:** 12 bit Video Fiber Optic Transmitter; exceeds RS-250C Short-haul specs, with 8 bi-directional Data Channels, Supports RS-232, RS-422 and RS-485 jumper selectable and 2 Bi-directional Voice Channels.
- DVM-2700:** 2 video, 8 audio ch., Fiber Optic Transmitter; exceeds RS-250C Short-haul specs. with 1310nm MM & SM.
- RGB-5000:** Digital RGB and WUXGA Fiber Optic Transmitter, Singlemode, -10dBm, 1 fiber, loop-through HD15 inputs, 1920 BY 1200, supports all sync formats, RGB HV, RGsB, YsUV, YcCrCb, UXGA, SUXGA and UXGA, Component and Analog HDTV signals.
- DVI-6000:** DVI Dual Link & RGB-HV, WQXGA, 2560 x 1600, ONE Fiber, Singlemode, Transmitter with Stereo Audio, 1 LC Connectors, up to 4KM distance

CONTACT

1-(877)-MULTIDYNE (US and Canada)
1-(800) 488-8378
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LiGHTBoX 1430 Work Sheet

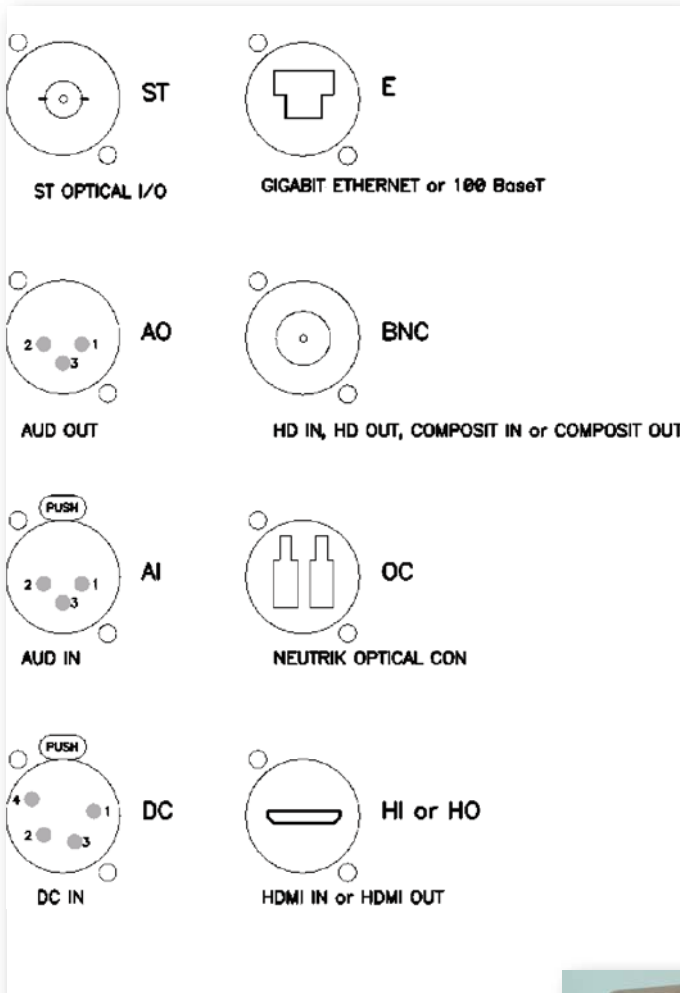
Tell us how to custom configure your LiGHTBoX. Simply Write the appropriate connector code in the blank circles below. Below that, provide the connector label you would like.

The LiGHTBoX optional devices are listed below, but if you supply us the IO configuration, we will send you a quotation based on your requirements.

This sheet is available in PDF. Just print it out and send it in for a quotation.

DC Power can alternatively be connected through the battery mount on top. This will free an additional place on the IO panel.

If you are using existing fiber, specify how many you have available.




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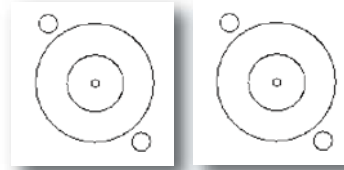
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Optional devices that can be integrated into the LiGHTBoX. After each device is listed the IO connector requirements. If you do not see the signal type for your application, please call.

HDSDI Transport

HD-1500-FTX: (Same for HD-3000)

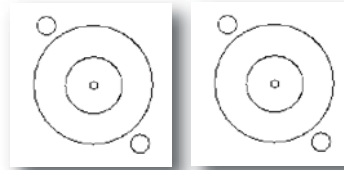
- 1 BNC for HDSDI Input.
- 1 BNC for HDSDI Loop Through (Optional).
- 1 Optical Output.



**

HD-1500-FRX:

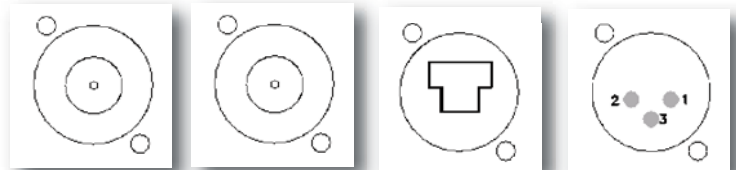
- 2 BNC for HDSDI Output (2nd BNC Optional).
- 1 Optical Input.



Bi-Directional Video, Audio and Data

DVM-2500-FMX:

- 1 BNC Composite Video Input.
- 1 BNC Composite Video Output
- 8 Audio Inputs (or Less)
- 8 Audio Outputs (or Less)
- 3 Serial Data

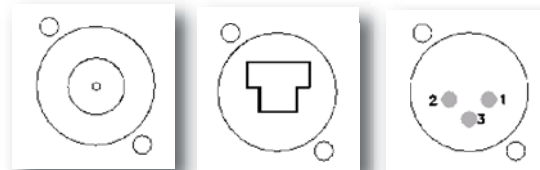


Up to 16

Video, Audio and Data

DVM-2000-FTX:

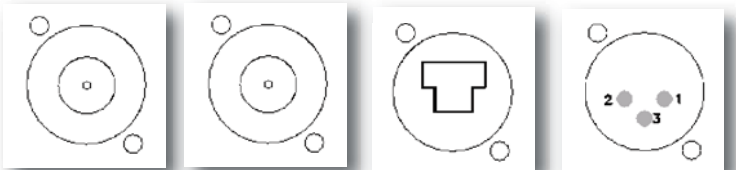
- 1 BNC Composite Video Input.
- 6 Audio Inputs (or Less)
- 2 Serial Data.



Up to 6

DVM-2000-FRX:

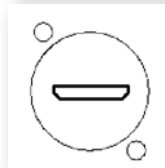
- 1 BNC Composite Video Output.
- 6 Audio Outputs (or Less)
- 2 Serial Data.



Up to 16

HDMI

- HD-1500 w/ HDMI Converter
- 1 HDMI Connector.



Gigabit Ethernet:

100/1000 Base T, Gigabit Ethernet

** One fiber required for each signal. With CWDM option, entire LiGHTBoX will require only ONE fiber.

CONTACT

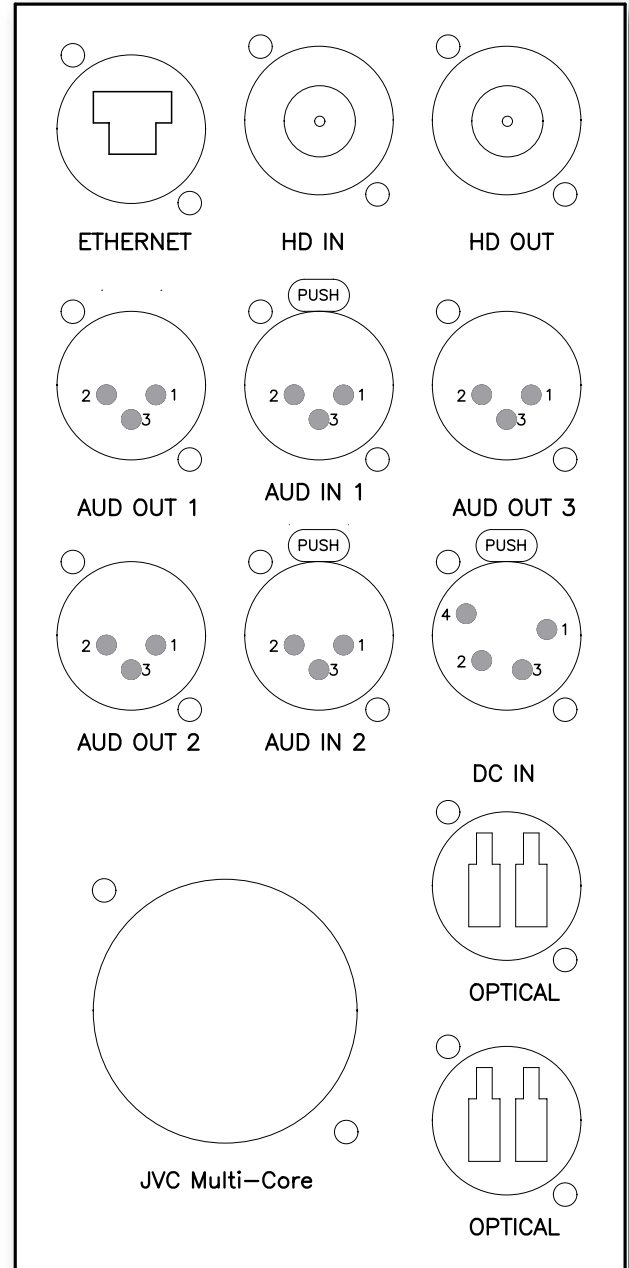
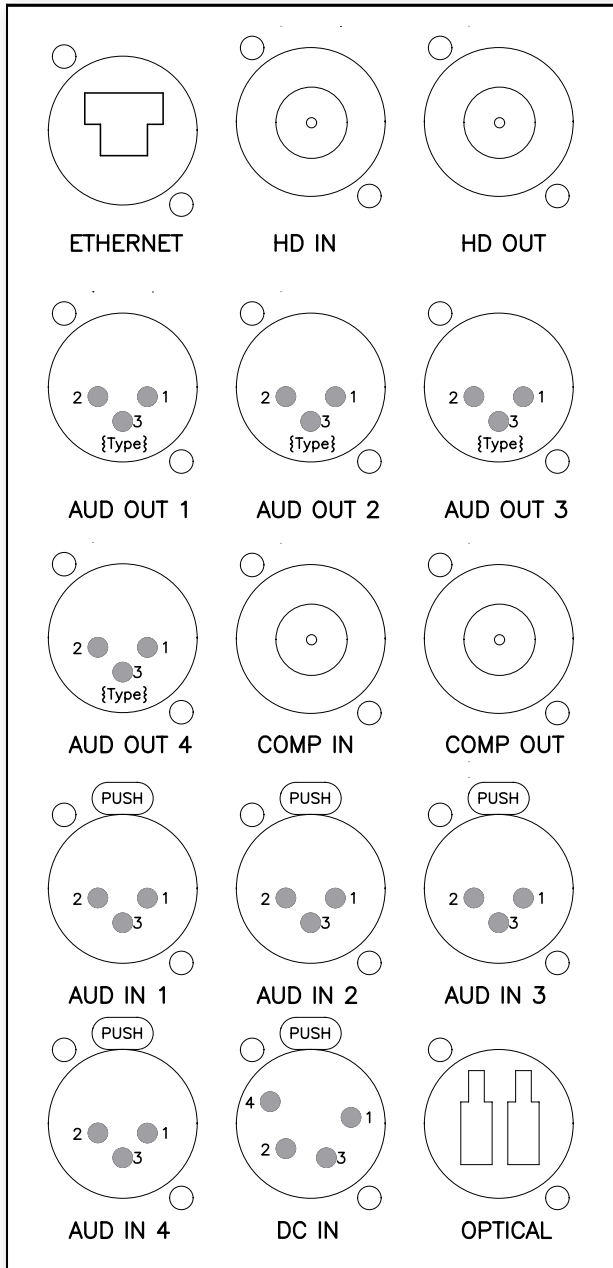
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Typical LiGHTBoX Configurations

Below are some Typical LiGHTBoX configurations. The LiGHTBoX with JVC MultiCore option requires HDSDI. The rest of the IOs are customizable. Additional signal transport can be added that are outside of the requirements for the JVC camera. These may include intercom audio, Ethernet and additional HDSDI etc.



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