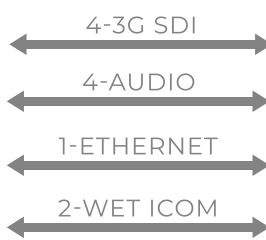




BASE CONFIGURATION



TOTE CADDIE SERIES

Portable Fiber Optic Signal Acquisition for ENG, SNG, and Other OB Applications

The new Tote Caddie series from Joseph Electronics offers a better option for fast, operator-deployed point-to-point signal transport. Built into rugged Pelican™ cases, Caddies create a compact and weather-resistant fiber solution for news and field crews working in any environment.

The Tote Caddies are designed to be customized, with more than twelve modules available that can be mixed and matched to provide the exact signal count required. They are field-configurable, as well.

FEATURES & APPLICATIONS

FEATURES

- 4x4 SDI, up to 3Gbs
- Supports SMPTE (424M, 259M, 292M, 310M, DVB-ASI and MADI)
- Eq's and re-clocks
- 4x4 analog audio
- Two Intercom
- 1 Ethernet
- 2 Fibers (via MX Mini, OpticalCon Quad, Lemo, ST)
- Multimode/Singlemode
- Rugged design
- Weather resistant
- Integrated fan
- AC Mains or Anton Bauer
- Gold Mount Battery
- Can be custom-configured to your EXACT requirement
- Five year warranty

APPLICATIONS

- ENG, SNG, D-SNG
- Remotely controlled cameras such as goal cams
- Surveillance/Homeland security
- Distance learning
- Houses of Worship
- Surgical video
- Specialty cameras



Ready for weather with included rain cover



Power is provided by local AC mains or with an Anton-Bauer battery while an internal, filtered fan ensures that everything stays cool regardless of the weather outside. The cover can be closed after making connections to reduce exposure to elements. A rain cover is included to further reduce weather exposure. Ethernet connectors come with IP64 covers for moisture and dirt protection.

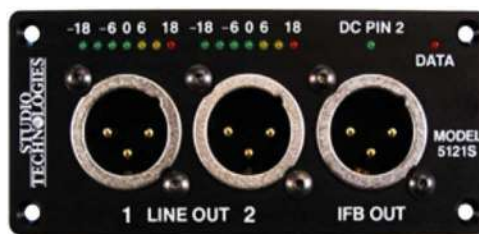
The Tote Caddies have intercom options that will make communications a breeze. The 2-wire intercom modules work with RTS/Clearcom beltpacks and also provide 30 VDC power. By switching intercom power off, Caddies can also be directly interfaced into an intercom system. The Truck side Caddie can also be outfitted with 4-wire intercom modules to further simplify PL interfacing.

Fiber interconnect options include MX mini, OpticalCon Quad (pictured), Lemo, and ST connectors. If MX or QUAD connectors are selected, the two underutilized fibers can be brought out to the front panel to handle even more signal transport modules, or they can serve as a loop-thru to another, daisy-chained, Tote Caddie system. Trust Joseph Electronics for solutions that make remote broadcasting easier. Let us configure a caddie for you.

AVAILABLE AUDIO MODULES



2 Ch. Mic/Line Audio IN



2 Ch. Line OUT / IFB



PL Intercom

Other modules include Ethernet, matrix comms, analog video, genlock, and Dante

SPECIFICATIONS

DIGITAL VIDEO

Interface	SMPTE 424M, 297M, 292M, 259M-C, DVB-ASI, MADI
Input Coax EQ	EQ @3 Gbps: 80m @1.485 Gbps: 150m @143-360 Mbps: 350m
Input Level	100mV (peak to peak)
Impedance	75 Ohms
Bit-Error Rate	10-12
Jitter	< 0.03IU under 1 MHz
Rise/Fall Times	< 270ps
Return Loss	>15 dB at 5 MHz - 1.485 GHz >10 dB up to to 3 GHz

ANALOG AUDIO

S/N	>90db
Frequency Response	< +/-0.1db (20Hz - 20kHz)
Distortion	< 0.05%
Level Adjust	28,16,10,4 dBu
Max I/O Level	28 dBu
Impedance In (bal)	600 Ohms +
Impedance Out (bal)	<10 Ohms
Icom Level	4 dBu FS
Icom Impedance In	10 K Ohm
Icom Impedance Out	<50 Ohm

ELECTRO-OPTICAL

Operating Wavelengths	DFB 1271-1591nm
TX Laser Output Power	-2 - 0dBm, Class 1
Receiver Sensitivity	-20 dBm
Fiber Compatibility	single or multimode
Optical Connector	ST, SC, OpticalCon, Lemo
Distance Limit	Up to 40km

MECHANICAL, ENVIRONMENTAL

Dimensions (LxWxH)	16.4" x 8.71" x 13.15"
Weight	13 lbs.
Video Connectors	BNC
Audi/Data Connector	XLR
Temperature Range	-25° to +55°C
Humidity Range	0 to 95% RH Noncondensing
Power Input	85-240 volts 50/60HZ <2A
Power Draw	25 Watts while not charging

Conforms with 89/366/EEC, EN 61000-6-1, EN 61000-6-2, Class 1 laser product, and RoHS 2002/95EC



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