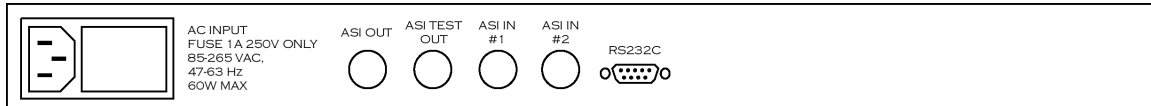
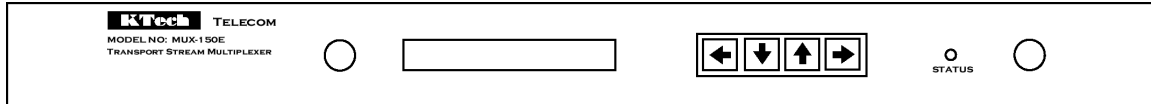


MUX-150E opt 01

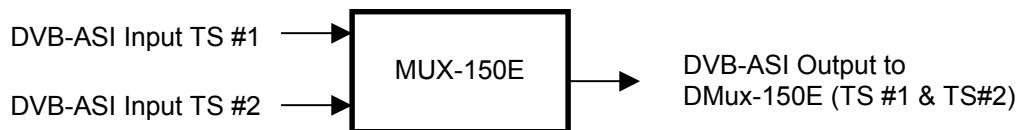
Transport Stream Multiplexer



Product Features

- DVB Compliant MPEG-2 Transport Stream Inputs
- Non-Compliant DVB MPEG-2 Transport Stream Output
- 1 DVB-ASI Transport Stream Output Containing 2 independent TS Multiplexes
 - 1st TS Multiplex and 2nd TS Multiplex
- 2 DVB-ASI Transport Stream Inputs
 - DVB-ASI Input #1 contains the 1st TS Multiplex
 - DVB-ASI Input #2 contains the 2nd TS Multiplex
- Works in concert with DMUX-150E only
- PSIP, PAT, PMT, and other MPEG2 tables are not modified and not merged
- Control via RS232 or Front Panel Interface
- 1U 19" Rack Mountable

Description



The MUX-150E only works with DMUX-150E. The output ASI stream contains the 2 independent TS multiplexes at its inputs. Using non-standard DVB-ASI proprietary techniques, MUX-150E generates the TS multiplexes on the outputs without any modifications to the MPEG2 tables. No PSIP or other MPEG2 tables are modified.

The device is useful when a broadcaster installs a backup STL by fiber to maximize utilization and sends 2 TS multiplexes on the fiber link using MUX-150E. By having MUX-150E combine 2 TS multiplexes on its ASI output, say TS Multiplex #1 is for station #1 and TS Multiplex #2 is for station #2, the output from MUX-150E is placed on the fiber link to back up an existing STL microwave link. Upon connection of the ASI from the fiber into DMUX-150E at a receiving location, DMUX-150E provides 2 ASI outputs and each ASI output contains the same exact TS multiplex as originally generated at the input of the MUX-150E, say ASI Output #1 contains the TS Multiplex #1 for station #1 and TS Multiplex #2 for station #2.

Specifications

	Specification	Comments
AC Power		
Voltage	90-240 VAC	
Frequency	50/60 Hz	
Current	0.1A Max	
Operating Conditions		
Temperature	0°-50°C	Ambient temperature
Altitude	10,000 ft	Max
Humidity	95%	Non-condensing
Cooling	Blower	Located on side of unit
Weight		
Net	8 lbs.	
Gross	10 lbs.	Shipping weight
Dimensions		
Height	1.75"	
Width	19"	
Depth	18"	
Panel Space	1RU	
Inputs		
DVB-ASI #1	up to 19.392 Mbps	
DVB-ASI #2	up to 19.392 Mbps	
Outputs		
DVB-ASI	up to 38.784 Mbps	
Front Panel		
Buttons	4 directional arrow keys	
Vacuum Fluorescent Display	4 lines by 20 characters	
RS232		
Baud Rate	9600	
Data Bits	8	
Parity	None	
Stop Bit	1	
Flow Control	None	
Connector	DB9	

Ordering Information

Model Number	Description
MUX-150E opt 01	Transport Stream Multiplexer, STL Backup

Additional Information at KTech Web Site: www.ktechtelecom.com

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