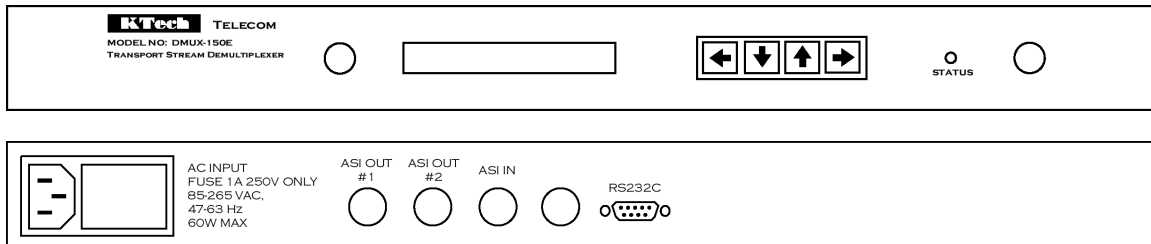


## DMUX-150E opt 01

### Transport Stream Demultiplexer



#### Product Features

- DVB Compliant MPEG-2 Transport Stream Outputs
- Non-Compliant DVB MPEG-2 Transport Stream Inputs
- 1 DVB-ASI Transport Stream Input Containing 2 independent TS Multiplex from MUX-150E – 1<sup>st</sup> TS Multiplex and 2<sup>nd</sup> TS Multiplex
- 2 DVB-ASI Transport Stream Outputs
  - DVB-ASI Output #1 contains the 1<sup>st</sup> TS Multiplex
  - DVB-ASI Output #2 contains the 2<sup>nd</sup> TS Multiplex
- Works in concert with MUX-150E only
- Control via RS232 or Front Panel Interface
- 1U 19" Rack Mountable

#### Description



The DMUX-150E only works with MUX-150E. The input ASI stream contains the 2 independent TS multiplexes generated by MUX-150E. Using non-standard DVB-ASI proprietary techniques, DMUX-150E generates the TS multiplexes on the outputs

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

General	Specification	Comments
<b>AC Power</b>		
Voltage	90-240 VAC	
Frequency	50/60 Hz	
Current	0.1A Max	
<b>Operating Conditions</b>		
Temperature	0°-50°C	Ambient temperature
Altitude	10,000 ft	Max
Humidity	95%	Non-condensing
Cooling	Blower	Located on side of unit
<b>Weight</b>		
Net	8 lbs.	
Gross	10 lbs.	Shipping weight
<b>Dimensions</b>		
Height	1.75"	
Width	19"	
Depth	18"	
Panel Space	1RU	
<b>Inputs</b>		
DVB-ASI	up to 40 Mbps	
<b>Outputs</b>		
DVB-ASI #1	Contains original & full TS Multiplex #1 sent by MUX-150E	
DVB-ASI #2	Contains original & full TS Multiplex #2 sent by MUX-150E	
<b>Front Panel</b>		
Buttons	4 directional arrow keys	
Vacuum Fluorescent Display	4 lines by 20 characters	
<b>RS232</b>		
Baud Rate	9600	
Data Bits	8	
Parity	None	
Stop Bit	1	
Flow Control	None	
Connector	DB9	

### Ordering Information

Model Number	Description
DMUX-150E opt 01	Transport Stream Demultiplexer, STL Application

Additional Information at KTech Web Site: [www.ktechtelecom.com](http://www.ktechtelecom.com)

For Pricing and Delivery information: [sales@ktechtelecom.com](mailto:sales@ktechtelecom.com)

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