



# D860

## Agile A/V Stereo Demodulator with Sub-Band

### Features

- 132 Channel Input Range 5.75-806MHz (CATV T7-T13 AND 2-125) and TV-69
- Broadcast quality specifications for unparalleled picture quality
- Keyed AGC system provides excellent picture stability
- Quadrature single-tuned audio detection guarantees superior audio quality
- Digital display provides quick channel identification
- Bright LED bar graph provides quick reference of modulation levels
- Envelope detection ensures exceptional differential gain and phase
- 45.75MHz composite IF output allows tuner monitoring, encoder, ghost canceling and video override applications
- SAW filtered for precise adjacent channel rejection
- Back-panel switch enables sub-band operation for receiving remote TV origination, making it even more flexible for institutional cable systems
- IRC and HRC input and output offset available for frequency setting in systems using offset channels



### SPECIFICATIONS

#### RF INPUT

Frequency Range	5.75-806MHz
CATV Channels	T7-125
Broadcast Channels	2-69
Level	0-15dBmV
Impedance	75Ω
Return Loss	-18dB

#### IF OUTPUT

Composite Level	35dBmV
Impedance	75Ω

#### VIDEO OUTPUT

Level	8-1.0 V p-p
Impedance	75Ω
Differential Gain	<2% typ
Differential Phase	<1° typ
Chrom/ Lumin Delay	±30 ns

#### AUDIO OUTPUT

Level	8-1.0 V p-p
Impedance	600Ω

#### MPX OUTPUT

Level	.8-1.0 V p-p
Format	BTSC
Impedance	600Ω

#### 4.5MHZ OUTPUT

Level	35dBmV
Impedance	75Ω

#### GENERAL

Power Input	90-260 VAC, 28 W
Operating Temp	-10°C to 50°C
Dimensions	19" (L) x 12" (D) x 1.75" (H)
Weight	7.8 lbs.
Connectors	RF & Video "F" type
Audio	600Ω Terminal Strip

#### Ordering Information

**D860** Agile A/V Stereo Demodulator