

Idea/Onics

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In this day and age, the dissemination of Emergency and Security Information is more important than ever. The Idea/Onics AV-70 Jr. is designed to meet the needs of smaller cable systems offering all channel audio and video alerting for systems up to 70 channels.

Features

- Emergency Audio and Video access to 70 television channels in one self-contained unit
- Answers the cable TV interface problem
- Compatible with all headends
- An easy way to meet the FCC EAS mandate and local franchise requirements
- High isolation trunk switch
- Audio automatic gain control
- Switching power supply for cool continuous operation
- Standard 19" by 3 1/2" rack mounting
- Proven technology
- Lowest cost comb system available per channel
- Full two-year warranty
- Expandable to 78 channels (550 MHz) AV-70JR/OB78

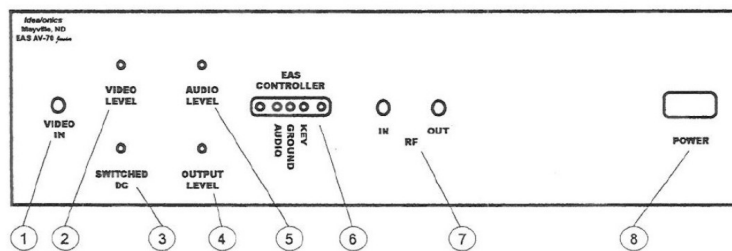
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Specifications

- AV-70 Jr. Audio and video on all channels 2 through 70 (505+ MHz)
- Audio and video on 70 channels
- Proven design
- Eliminates wiring headend channels for all channel video
- Compatible with All encoder/decoders
- Saw filter design
- Video
 - Input level: 0.5 to 2 Volts Peak to Peak
 - Frequency response: ± 1 dB, 10-4.2 MHz
 - Standard: U.S. System NTSC sync negative
 - Input type: Clamped video, Negative sync
- Audio
 - Audio carrier level: -16 dB below video carrier
 - Automatic Gain Control: 30 dB
 - FM Deviation: ± 25 KHz automatic
 - Input level: 0.3 to 10 Volts Peak to Peak
 - Frequency stability: ± 1 KHz
 - Frequency response: ± 1 dB, 30 Hz to 15 KHz
- Adjustable RF output control up to 40 dB
- Trunk Switch
 - Insertion loss: .3 dB max.
 - Return loss: 20 dB min.
 - Impedance: 75 Ohms
 - Isolation: 70dB min.
- FCC Offset (± 3 KHz in the aeronautical band)
- Channel flatness: 4dB
- Switching power supply for continuous cool operation
- Standard 3 1/2" by 19" rackmount
- Full two year warranty



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| <p>(1) VIDEO IN</p> <p>(2) VIDEO LEVEL</p> <p>(3) SWITCHED DC</p> <p>(4) OUTPUT LEVEL</p> <p>(5) AUDIO LEVEL</p> <p>(6) EAS CONTROLLER</p> <p>(7) RF IN/OUT</p> <p>(8) POWER</p> | <p>Video Input from the character generator</p> <p>Video input level adjustment</p> <p>Switched DC to control external trunk switches</p> <p>Output adjust of the AV-70 Junior to match the headend output</p> <p>Audio level input adjustment</p> <p>Connection to the EAS Encoder/Decoder</p> <p>High isolation trunk switch</p> <p>AC power input, 120 VDC, 60 Hz</p> |
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