



Scout

Cue Tone Detector



- 16- channel DTMF Cue Tone/Contact Closure Receiver
- Support analog DTMF cue tones without maintaining analog Headend systems
- Works with the ARRIS Cue Router

The ARRIS Scout Dual Tone Multi Frequency (DTMF) Cue Tone Detector is a 16-Channel DTMF/Contact Closure Receiver. This receiver detects analog DTMF cue tone sequences, and Contact Closure inputs in a Digital Program Insertion (DPI)-based advertising system, allowing you to remove legacy analog headend systems that are used solely for cue tone detection.

The Scout DTMF Cue Tone Detector converts the DTMF tones into network messages to enable digital advertising insertion into DPI and analog systems. Up to 16-channels of DTMF analog cue tones and 16-channels of contact closures are processed concurrently. For every cue detected, the Scout DTMF Cue Tone Detector can generate a Cue Router message. These IP messages are sent to the ARRIS Cue Router which sends them to the ARRIS DPI system to start playback of the advertising. (Please refer to the diagram on the back page)

Features	Benefits
Automatically detects legacy analog DTMF cue tones for digital ad insertion systems.	Reduces capital and operational expenses by avoiding the burden of managing analog headend systems.
Automatically generates CueRouter messages for the advertising insertion system and the digital splicers.	Using messages generated by Scout DTMF Cue Tone Detector provides peace of mind that splicers will get cued for scheduled avails.
Simple 1 RU form factor for up to 16 channels with dedicated international power supply.	Reduced capital expense through interoperability with existing video servers and reduced power consumption.
Management systems allow for proactive system surveillance and problem isolation. NTP, FTP client and Telnet Support.	Enhanced reliability reduces operating expenses and provides an increased quality of service.
Dedicated Cue Router paired with each Scout DTMF Cue Tone Detector (Cue Router sold separately).	Reduce expenses with support from one entity
Detects up to 16 channels of analog DTMF cue tones simultaneously without any performance impact.	Simple system growth to meet changing needs. Start small and grow your system as your needs grow. Manages your capital investments to match your needs.

Scout

Specifications

Unit Dimensions

Dimensions W x H x D, in. (mm)	17 x 1.75 x 6 (445 x 215 x 655)
Weight, lbs	6

Electrical Specifications

Input Voltage, VAC	100–120
Frequency, Hz	60
Connector type	Standard 3 terminal IEC

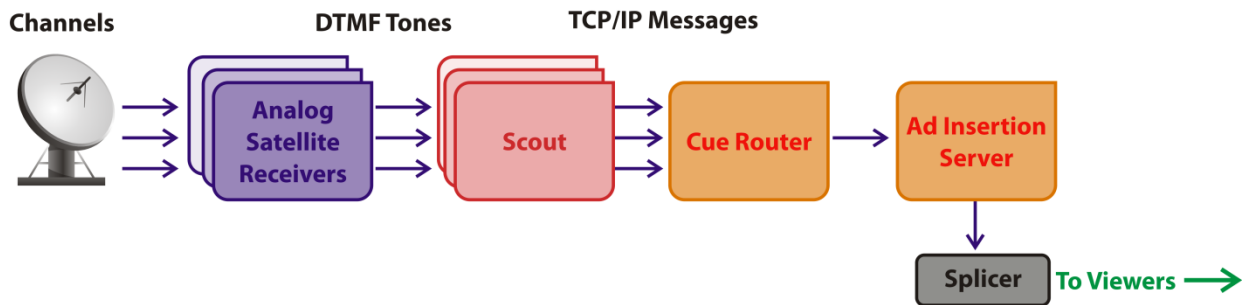
Power Consumption

Power Consumption, W	50
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Certifications

EMC	EN55022+A1
EMC	EN55024+A1+A2
EMC	EN61000 (3-2, 3-3, 4-2,4-3,4-4,4-5,4-6,4-8,4-11)
Safety	UL60950-1
Safety	CSA C22.2 No 60950-1-03

Scout DTMF Cue Tone Detector Architecture



System Requirements and Technical support

The Scout DTMF Cue Tone Detector must be paired with a dedicated ARRIS Cue Router for reliability and failure support.

Technical Support—If you have questions about preparations for your Scout DTMF Cue Tone Detector installation, please contact ARRIS Technical

Support by phone or e-mail

- Within the United States or Canada: 1-800-221-9797
- Outside the United States or Canada: +1-678-473-5656
- E-Mail: ai-support@arrisi.com

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