

Scout

Cue Tone Detection



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.

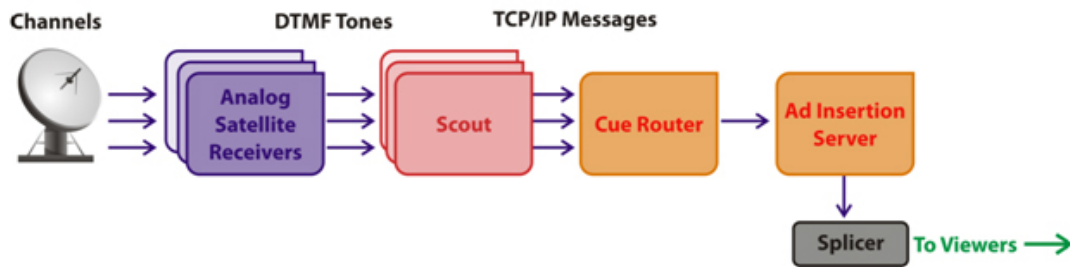
FEATURES

- Automatically detects legacy analog DTMF cue tones for digital ad insertion systems.
- Automatically generates CueRouter messages for the advertising insertion system and the digital splicers.
- Simple 1 RU form factor for up to 16 channels with dedicated international power supply.
- Management systems allow for proactive system surveillance and problem isolation. NTP, FTP client and Telnet Support.
- Dedicated Cue Router paired with each Scout DTMF Cue Tone Detector (Cue Router sold separately).
- Detects up to 16 channels of analog DTMF cue tones simultaneously without any performance impact.

BENEFITS

- Reduces capital and operational expenses by avoiding the burden of managing analog headend systems.
- Using messages generated by Scout DTMF Cue Tone Detector provides peace of mind that splicers will get cued for scheduled avails.
- Reduced capital expense through interoperability with existing video servers and reduced power consumption.
- Enhanced reliability reduces operating expenses and provides an increased quality of service.
- Reduce expenses with support from one entity
- 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 DTMF Cue Tone Detector Architecture



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

GENERAL SPECIFICATIONS

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

Electrical

Input Voltage, VAC	110-120 / 220-240
Frequency, Hz	60-50
Connector Type	Standard 3 terminal IEC

Power

Power Consumption	50W
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Certifications

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

ORDERING INFORMATION

Part Number	Description
784656	(SCOUT/DTMF/16) SCOUT DTMF Cue Tone Detector

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