

Midian's ANI Display Decoders

OVERVIEW

Midian Electronics' ADD Series ANI Display Decoders enable the dispatcher to monitor fleet communications and to identify and stop system abusers. When the field radio user keys up the radio a PTT ID or ANI is transmitted. This ID can then be displayed on Midian's ADD along with a status digit (if applicable) and a format digit. The ADD products are available in single format or multi-format.

The ADD features a large LED display for viewing the incoming ID's at a distance. The unit can be programmed to display up to 6 characters. These characters can be the unit ID, a status digit, and/or a format identification character for the ANI format being decoded. The ADD stores the last 6 incoming ID's in memory.

The ADD comes with an infrared remote controller for scrolling through the ID's in memory and silencing the Emergency Alert.

APPLICATIONS

Midian's ADD products provide identification of system users and abusers for fleets such as taxi, towing, buses and public safety. The ADD-MF can be used in systems employing multiple signaling formats or as a test instrument in radio shops that want to verify the PTT ID's of two-way radios.



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Signaling Formats:

DTMF

5-Tone

Midian's Kryptic

M/A-Com's GE-Star

Motorola's MDC-1200

Kenwood's FleetSync



Shown: ADD-100

FEATURES

Emergency ANI Alert: When an emergency ANI is received an audible alarm is triggered. The decimal point flashes to keep track of the ENI in the scrolling sequence. The infrared controller allows for silencing the alarm and scrolling.

Supported Formats: The ADD can be ordered with any one of the following formats:

ADD-100: DMTF Decode

ADD-200: 5-Tone Decode

ADD-300: Midian's Kryptic Decode

ADD-400: M/A-Com's GE-Star Decode

ADD-500: Motorola's MDC-1200 Decode

ADD-600: Kenwood's FleetSync Decode

ADD-MF: The ADD can be ordered with multi-format capability to simultaneously decode and display DTMF, 5-Tone, GE-Star, Motorola's MDC-1200 and Kenwood's FleetSync. Midian's Kryptic can be substituted in place of M/A-Com's GE-Star.

Product Quality: Midian believes in and adheres to a strict quality program. This is backed up by Midian's 2-year warranty on parts and labor.

ADD: General Specifications	
Operating Voltage	12-15 VDC
Operating Current	60-200 Ma
Operating Temperature	-30 to +60 C
Audio Input Level	100 - 3000 mV p-p
Unit Dimensions	7.75" W x 1.8" D x 2.75" H
Character Dimensions	1" H x 0.6" W
ADD: Signaling Specifications	
DTMF ANI Length	6-digits (maximum)
DTMF Timing	60/40 standard
5-Tone ANI Length	6-digits (maximum)
5-Tone Timing	Varies per format
Kryptic ANI Range	0000-9999
Kryptic Timing	150 msec
GE-Star ANI Range	0001-16,383
GE-Star Timing	320 msec
MDC-1200 ANI Range	0000-EEEE
MDC-1200 Timing	~180 msec
FleetSync ANI Range	0001-3999 (Unit ID Only)
FleetSync Timing	~180 msec
Emergency ANI Supported	Yes