



Multi-Format Encoders & Decoders

Midian's UED series of products are ideal for fleet management, station alerting and remote control. The UED is capable of decoding, dialing, ANI encoding and transponding in DTMF, 5-Tone, 2-Tone and Pulse Tone. The following is a listing of the supported 5-Tone, 2-Tone and Pulse Tone formats:

- 5-Tone: CCIR, EEA, EIA, ZVEI, DZVEI, DDZVEI, NATEL, MODAT
- 2-Tone: Motorola Quick Call II, GE-Type 99, Reach, Plectron (optional)
- Pulse Tone: 1500 Hz and 2805 Hz for HEAR Systems

Typical users of the UED products include fire stations, taxi and towing fleets, police, ambulance and hospitals, weather service, etc.

Applications

Fleet Management: A dispatcher using Midian's CAD-100/200, DDU-100/200 or TRC-100/200 or a console supporting DTMF, 5-Tone or Pulse Tone can selectively call UED field units. Additionally a UED equipped radio can key and send a unit ID to the base station to identify system abusers or assign calls. The following are fleet management features offered by the UED-1B and UD-1B:

- ANI & Emergency ANI
- Selective Call (individual and group)
- Radio Kill
- Spy
- Radio Check

Remote Control: The UED-1B and UD-1B offer momentary and latched outputs. When a unit is called the unit will give an output to activate a siren, horn, strobe light, etc.

Station Alert: The UD-1B and UED-1B can be used by fire stations or weather station alerts to activate a siren or light to warn of an emergency.

HEAR Systems: The UED-1B-DMV is commonly used in ambulances to encode the 1500 Hz or 2805 Hz digital pulse dialing used in HEAR systems. The UD-1B or UD-1B-DMH is used to equip the base station at the hospital with the ability to decode these tones.



Shown: UED-1B-DMV

Available Products

UD-1B: The UD-1B is a multi-format decoder with ANI encoding and transpond.

UD-1B-DMH: The UD-1B-DMH has the same features as the UD-1B, but is packaged in a metal dashmount box.

UE-1: The UE-1 is a multi-format dial encoder with ANI encode.

UED-1B: Midian's UED-1B is a multi-format decoder, with dialing, ANI encoding and transpond.

UED-1B-BEZEL: The UED-1B-BEZEL has the same features as the UED-1B, but is packaged in a bezel frame with a snap-dome keypad for mounting on a rack, panel, console, etc.

UED-1B-DMV: The UED-1B-DMV has the same features as the UED-1B, but is packaged in a metal dashmount box with a backlit keypad.

Keypad Option C: This keypad can be added to the UE-1 or UED-1B modules for dial encoding from a keypad.

Product Quality: Midian believes in and adheres to a strict quality program. This is backed up by Midian's 3-year warranty on parts and labor.

