

TDS-1

CTCSS & DCS Encoder/Decoder

Midian's TDS-1 can be used to equip a repeater or a radio with CTCSS and DCS signaling. While most repeaters and radios come equipped with CTCSS and DCS signaling some are not equipped or do not support custom codes.

- Supports the 38 standard CTCSS tones, 13 split tones and custom CTCSS tones
- Supports any of the 512 (85 recommended) DCS codes (000 – 777)
- Encodes reverse burst for CTCSS or invert & shut-off code for DCS
- Can encode/decode up to 64 different CTCSS/DCS tones using 6-line binary
- Requires Midian's KL-4 programmer
- Dimensions: 1.8" L x 0.84" W x 0.22" H



TDS-3

CTCSS & DCS Encoder

Midian's TDS-3 is used to equip a repeater or a radio with CTCSS and DCS encoding. The TDS-3 can add CTCSS, DCS and custom codes to a radio or repeater.

- Supports the 38 standard CTCSS tones, 13 split tones and custom CTCSS tones
- Supports any of the 512 (85 recommended) DCS codes (000 – 777)
- Encodes reverse burst for CTCSS or invert & shut-off code for DCS
- Can encode up to 4 different CTCSS/DCS codes using 2-line binary
- Requires Midian's KL-4 programmer
- Dimensions: 0.73" L x 0.82 W x 0.16 H



InterMod

Intermodulation Calculation Software

Midian's InterMod calculator predicts the possible occurrence of intermodulation products that may cause receiver interference. It does this by testing for odd and/or even order products caused by the mixing of multiple transmitters at a given site in a non-linear device. An un-modulated signal may not produce a direct hit. However, Midian's InterMod calculator takes into account combined modulated signals that may sweep across the channel of interest and may be multiplied/mixed.

- Create a single site or multiple site profiles
- Merge capability between multiple sites
- Reports are easy to read using different colors to highlight results and the report can be edited using a text editor that supports rich text files (.rtf)
- Reports can be exported in .csv format
- Software displays a status bar during calculations. Calculations are cancellable, but are maintained for viewing calculations already done
- Support for internet-based mapping applications through scripting

Intermodulation Calculator

