

Model V2000 & V3000 DTMF Microphones

The IDA Corporation V-Series DTMF Mics are built to one specification...TOUGH! With stylish good looks and field proven performance, these AMERICAN MADE mics are the best value in the industry. Designed for clear and clean audio and user friendly operation, the V2000 and V3000 are the perfect choice when adding DTMF dialing to your mobile radios.

Dollar for dollar, feature for feature, the V-Series microphones provide superior price/performance value. With standard operating capabilities you'd expect to pay extra for, the 2000 and 3000 offer excellent audio quality and field reliability.

Our highly durable LEXAN plastic case and elastomer plastic keypad are proven performers in tough situations including road construction and oil patch operations.

Both the V2000 and V3000 are available in various configurations, with optional connectors, for use on numerous radio manufacturer's products.

OPERATING FEATURES INCLUDE:

- DTMF encode
- Illuminated keypad
- DTMF sidetone
- DIP switch selectable for gain and impedance matching
- Automatic mic muting
- Automatic PTT
- Keypad programmable 9 number/16 digit speed dial (model 3000 only) compatible for ANI applications
- 4 second PAUSE capability (model 3000 only)
- Adjustable levels for most radios
- Crystal controlled DTMF frequency generation
- RFI immunity
- Optional radio connectors



SPECIFICATIONS

- Operating Voltage:**5 to 16 VDC
- Operating Temperature:**...-30°C to 70°C
- Storage Temperature:**-50°C to 80°C
- Humidity:**.....0% to 95% non-condensing
- Keypad:**Model 2000 – standard telephone keypad
Model 3000 – standard telephone keypad plus 3 control keys
- Transmit Audio Frequency Response:**.....+1 dR -3 dB from 300 Hz-3 KHz.
- Transmit Audio Distortion:**<3% from 300 Hz-3 KHz
- Transmit Audio Signal to Noise:**>50 dB
- Encoder Format:**.....DTMF encoder, standard two of seven.
- Microphone Impedance:** Jumperable
- Microphone element:**Transistorized dynamic
- Automatic Transmitter Keying:**Interdigit hold time approximately 2 seconds.
- Internal Controls:**Mic audio deviation, DTMF deviation
- Memory:**9 number 16 digit stored in Lithium battery backed RAM
- Dialing Speed:**220 msec.
- Current Consumption:**150 mA (max)