

# Testing The DTMF Arduino Library

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Sharing my experiment (made a year ago) testing the Arduino DTMF Library...

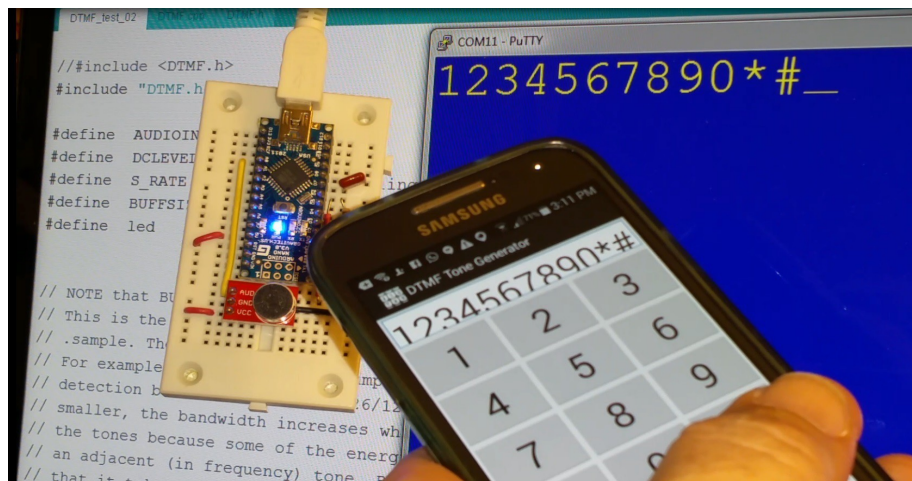
Found at: <http://forum.arduino.cc/index.php?topic=121540.0>

You can send commands to an Arduino Robot using this library instead of the MT8870 DTMF Decoder IC.

Using Arduino NANO and Sparkfun's Electret Microphone connected to A0.

Analog reference = VCC.

The DC level is  $VCC/2 = 512$



## SparkFun Electret Microphone Breakout



**Description:** This small breakout board couples an Electret microphone (100Hz–10kHz) with a 60x mic preamplifier to amplify the sounds of voice, claps, door knocks or any sounds loud enough to be picked up by a microcontroller's analog-to-digital converter. Each breakout comes fully assembled and works from 2.7V up to 5.5V.