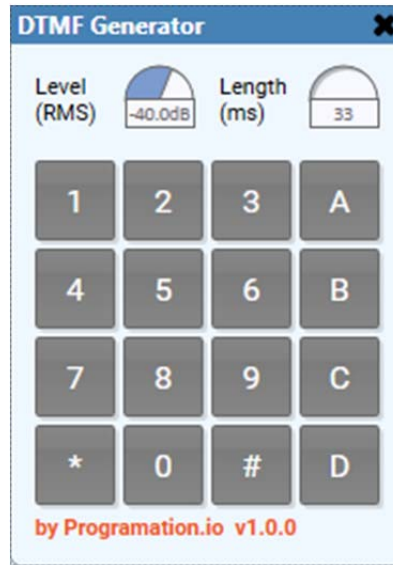


DTMF GENERATOR

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DTMF GENERATOR

is a simple dual-tone multi-frequency generator that follows the International Telecommunication Union's standard Q.23. The intended usage of this plugin is to provide audible feedback on the local side of a teleconferencing system as Q-Sys does not allow for the playback of individual tones per key pressed in a POTS or VOIP dial pad.

The ITU Q.23 standard provides two groups of four frequencies for a total of 16 combinations. The provided controls correspond to the correct reservation of these frequencies including the seldom used control signals A, B, C, and D.

This plugin only uses sine wave generators and does not use any internal audio players.

This plugin has not been tested for control signaling a remote phone system. While it does comply with the dialing standard, your results may vary if attempting to use it to interface with external systems.

Controls

Level

a level knob (dB) between -100dB and 0dB that sets the overall level output of the mixed tones.

Length

an integer knob ranging from 33 to 1000 that sets the number of milliseconds that a tone should be audible.

Number 0 through 9, Star, Pound, and Reserve A though D

trigger buttons that represent the intended purpose as labeled.