TuneBase FM is designed to power, charge, and transmit audio from an iPhone or iPod to the car stereo. It does so via frequency modulated carrier signal, on any channel between 88.1 MHz and 107.9 MHZ, each channel separated by 200 KHz.

Features:
Pro Modes:
Normal - Normal stereo (occupied bandwidth set at 0db encode level playback)
Pro 1 - Audio AGC medium attack. - adjusts the audio level by 1 db every 2 seconds to bring songs that have a lower encode level up to a -3db encode level playback.
Pro 2 - Audio AGC fast attack. - adjusts the audio level by 1 db every 1.125 seconds to bring songs that have a lower encode level up to a -3db encode level playback.
Pro Dialog – Monoural no audio level adjustment
If the audio level is already at, or above -3dB, the audio level is reduced to -3dB.

ClearScan:
When the user presses the clearscan button the unit stops transmitting, turns on the FM receiver, starts scanning in 200kHz steps from 88.1 MHz until it finds an unoccupied FM channel.
The maximum frequency the receiver tunes to is 107.9 MHz
The unit then turns off the receiver, sets the transmitter to the unoccupied channel found by the receiver and turns on the transmitter.
The receiver and transmitter are never functioning at the same time.