

# Monster Model # 169069-00 FM Stereo Full Spectrum Modulator Specifications

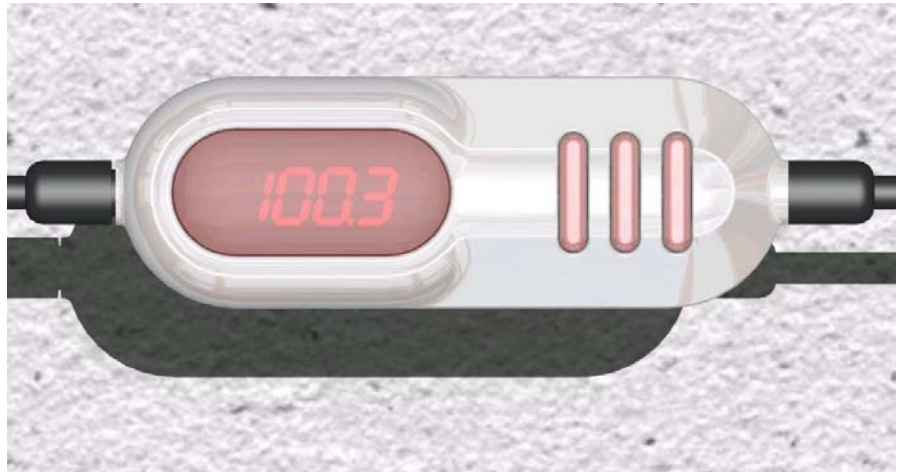
(FCC ID RJE169069-00)

## Description

The FM Stereo Full Spectrum Modulator provides a wireless audio link between the Portable audio device and a vehicle FM stereo radio. It features a fully adjustable channel digital tuner with 3-button control and a 3.5 digit LED display.

## Features

- ◆ Compatible with Portable audio device
- ◆ Digital tuner with crystal controlled PLL
- ◆ 3 Memory frequency storage locations
- ◆ 3.5 digit LED display with brightness control
- ◆ Fully adjustable from 88.1 to 107.9MHz
- ◆ 3 button operation
- ◆ Microprocessor control
- ◆ Built-in antenna
- ◆ 10 to 30ft range
- ◆ High quality stereo audio
- ◆ Powered by 12V cigarette lighter
- ◆ Auto-reset fuse
- ◆ High current iPod charger
- ◆ FCC compliant
- ◆ Stylish design



Control Unit

## Specifications

Parameter	Min	Typ	Max	Unit
Input Voltage	10	13.8	17	Vdc
Input Idle Current		50		mA
FM frequency	88.1		107.9	MHz
FM frequency steps		200		KHz
Stereo channel separation	25	40		dB
Audio frequency response	20		15K	Hz
Signal distortion			0.5	%
Operating range	1	10	30	ft
Operating Temperature	0		50	°C
Storage Temperature	-40		80	°C
Cable length iPod 3.5 plug side		203		mm
Cable length cig. Lighter side		660		mm

