

FM Stereo Exciter (PLL-11030R)



Features

- Frequency range 87.5 – 108 MHz
- Broadband design
- RF output up to 1 watt
- Build in stereo encoder
- Build in 15KHz filter
- Un balanced audio input
- Audio input Level adjustable
- SMD design
- LCD display 16x2

General Specifications:

Frequency Range	: 87.5 – 108 MHz
Power output	: up to 30dBm
Output impedance	: 50 ohm
Second harmonic	: >-60dBc
Frequency step	: 50 KHz
Frequency select	: Pushed button UP or DOWN
Frequency stability	: +-100Hz
Audio frequency response	: 10Hz – 15KHz
Audio input impedance	: 10KHz
Audio input level	: -13dB to +13dB adjustable
Pilot	: 19KHz
Pre emphasis	: 50us
Channel separation	: >50dB
Display	: LCD size 16X2

Physical and Environmental Specifications:

General	: FM Stereo Exciter
Operating Temperature	: -10°C to +50°C (+14°F to +122°F)
Storage Temperature	: -40°C to +80°C (-40°F to +176°F)
DC input requirement	: 18-24VDC@1.1A
Size	: 9.0 X 18.0 X 4.5 cm. (W x H x D)
Weight	: 0.2 Kg.