

Appendix 6. Operational Description

Operation Concept

This FM Transmitter is a equipment which is used to modulate the Audio input from A/V equipment to radio FM signal. The FM frequency is controlled by the PLL with 100kHz step in the frequency band of 88.0 MHz to 92.0 MHz.

1. Feature of the Product

- 3 DIGIT (7Segment) LED. Display
- PLL Synthesizer System
- Selecting of 40 Channel Frequency
- Low Electric Power Tgpe (Max Power 500mA/at pv)

2. Precautions Before USE.

- Read the Manual for safe operation of the Product Fist
- Be for initial use
- The Product is Designed for 12 Volt DC. Please check The battery Voltage of the vechicle prior the to installation. Low voltage may damage the product power supply.
- It is recommended to use the the product between 0°C ~5°C
- Do not disassemble or removed unit. Or it will cause malfunction or breakdown.
- Dirts , water. Or Dnimks cause breakdown.

-power Supply : 12V DC(11v~16v).test Voltage 14.4V meqative
Ground

-current consumption : 400mA

-Audio Input Sensitivity : 1.0 Vrms

-Carrier Frequency : 88.0MHz ~ 92.0MHz (100K)H Stop

-Dimensions (W x H x D) : 85 x 40 x 30