

## How to Install and Operate the FM Modulator

### Introduction

Thank you for choosing This fm modulator. It's a good idea to read all of the instructions before you begin the installation.

### Warranty Service

If you ever need to return the unit for any reason, or if it should ever require service you will need to have the original dated receipt.

### Overview

This fm modulator is convenient for interfacing components into an audio system when an auxiliary input is not available.

This fm modulator allows you to listen to an external source through your FM tuner.

### FCC Statement

This device complies with part 15 of the FCC rules and regulations. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

⚠ The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

⚠ Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules . These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### Installation

This fm modulator will accept a variety of signal sources utilizing an RCA type connector such as : Mobile VCR/DVD player, MP3 player, cassette player, game station, etc.

### Wiring

Red	12VDC, accessory/ignition power source (Do not connect to a constant power source)
Black	Chassis ground, connect to a clean unpainted metal surface.
Male antenna connector	Connect to head unit.
Female antenna connector	Connect to car antenna lead

## Operation

## Level Control

The level control is preset during manufacturing and Quality Control.

The level control is used to adjust the input level of audio . Use a small flat-head jeweler s screwdriver to adjust the audio input level.

## Setting FM Frequencies

One of seven FM frequencies can be selected for your listening region.  
Select an FM frequency in your area that is not being used.

Adjust modular frequency by setting the DIP-switches according to the chart of case

## Specifications

Power consumption.....	DC 12V/50mA
Fuse .....	400mm amp, AGC glass fuse
FM Frequencies .....	88.1MHz to 88.9MHz in 0.2MHz steps
Carrier OSC .....	PLL Synthesized
Input Impedance.....	10k ohms
Input Level .....	will accept up to 2 volts RMS
Antenna Input .....	Standard Motorola Connector
Dimensions .....	102mm x 54mm x 25mm