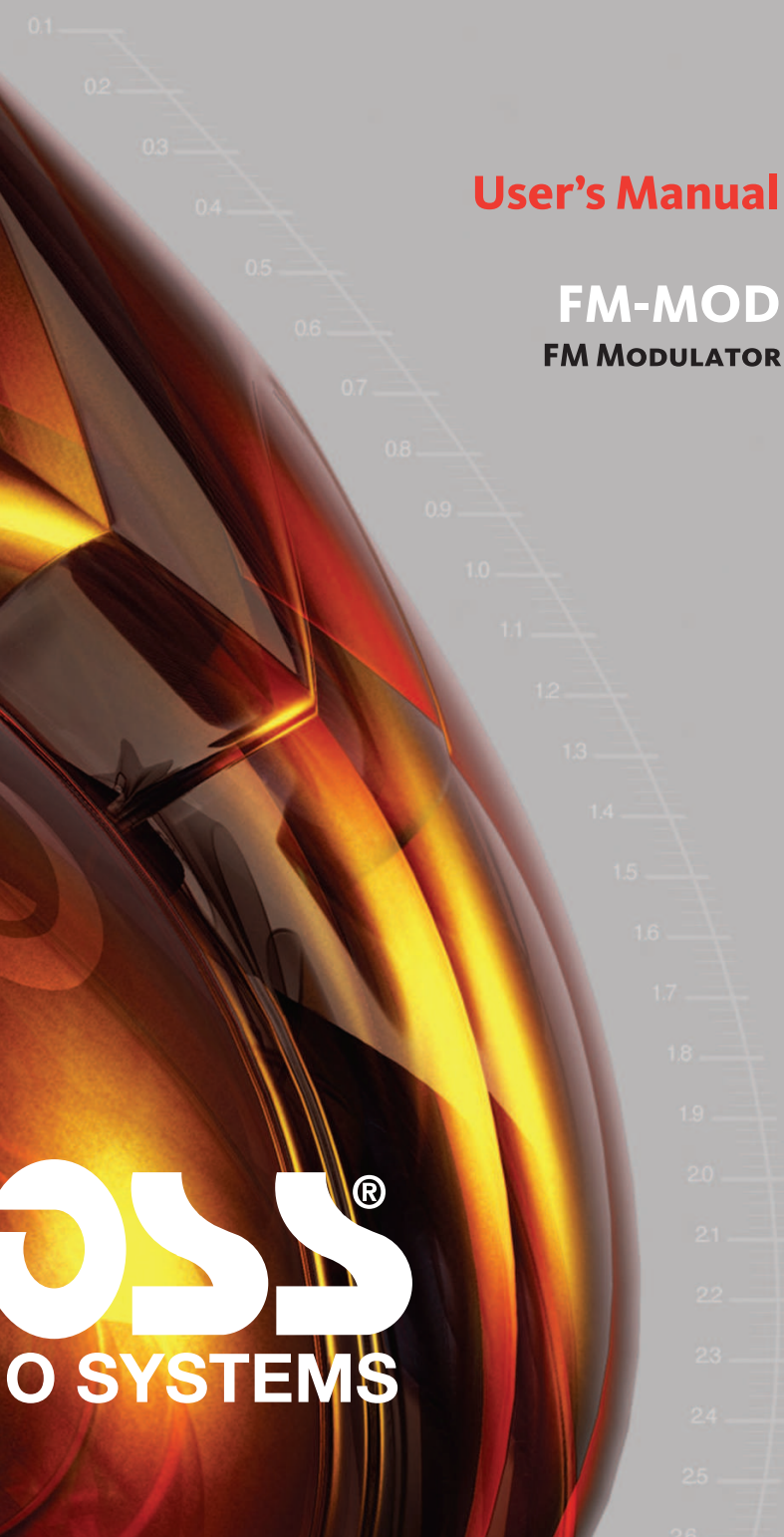


User's Manual

FM-MOD
FM MODULATOR



FM-MOD
FM MODULATOR

3.2007



tech support: www.bossaudio.com/support

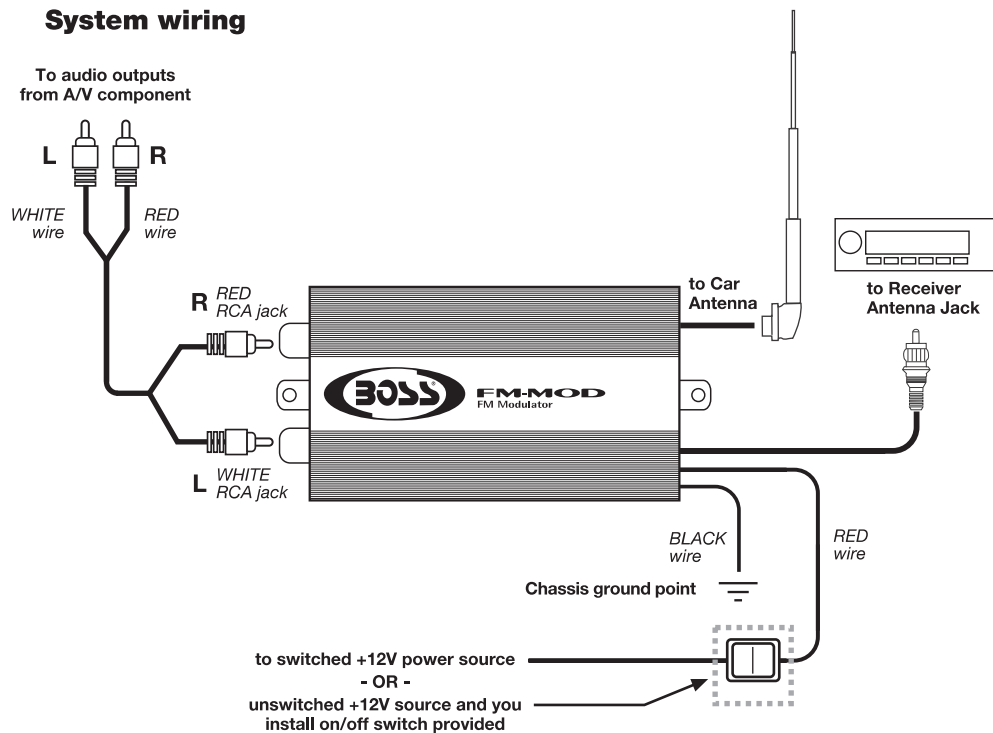
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AUDIO SYSTEMS

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System wiring



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Specifications

MODEL	FM-MOD FM Modulator
Operating frequency range	87.7 to 88.9 MHz (in 7 channels)
RF output level	60dBu maximum
S/N ratio	65dB
Stereo separation	40dB
FM modulation depth	75KHz at L + R + Pilot
Operating voltage	10 - 16VDC
Dimensions	3-1/2" x 2" x 1-3/8"

All specifications subject to change without notice.

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FM-MOD FM Modulator

Congratulations on your purchase of a **BOSS** FM Modulator.

It has been designed, engineered and manufactured to bring you the highest level of performance and quality, and will afford you years of viewing pleasure.

Thank you for making **BOSS** your choice for mobile audio/video entertainment!

USER'S MANUAL

page CONTENTS

2	General precautions
2	Safety precautions
2	Installation precautions
3	Why use an FM Modulator?
3	Selecting an operating frequency
3	Controls and features
3	Frequency selector chart
4	System Wiring
4	Specifications

General precautions

Please read this manual completely and carefully prior to attempting to install your new **BOSS** AUDIO SYSTEMS mobile video equipment. Installed correctly, your **BOSS** AUDIO SYSTEMS equipment will provide you with years of enjoyable and safe usage.

Please keep this manual in a safe place for future reference.

Safety precautions

- Do not operate any mobile video equipment while driving – safe driving should always be your highest priority.
- Do not open or attempt to repair this unit yourself. Refer any repairs to a qualified service technician.
- If there is smoke or any peculiar odor present during use or if there is damage to any of the component enclosures, immediately remove it from your system and send to your local dealer or service center as soon as possible.

Installation precautions

Choose a mounting location in your vehicle which is protected from foot traffic and passengers who might accidentally disconnect the cables.

Do not install this product in areas which are susceptible to rain, moisture, direct sunlight, extreme heat or cold, excessive dust, dirt or humidity.

If installation requires drilling holes or other modifications to the vehicle, consult with your nearest dealer or professional car audio installer.

Use only the installation parts and hardware provided with the unit to ensure proper installation.

Use only a power source with 12 Volts DC (negative ground).

Before final installation, temporarily connect the wiring according to the diagram near the end of this manual, check it to ensure that it has been connected properly, and test the unit to make sure it is working correctly.

Why use an FM Modulator?

If the receiver you currently have in your vehicle lacks audio inputs, an FM Modulator like the FM-MOD offers an easy way to deliver the audio output from your mobile video equipment to your car's audio system.

The FM-MOD is a powerful seven channel FM modulator. It is designed to input directly to your car radio in the FM band between 87.7MHz and 88.9MHz. This portion of the radio band ("the left end of the spectrum") has fewer stations operating so is ideal for this purpose.

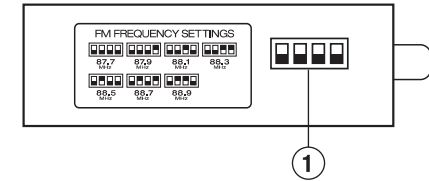
Selecting an operating frequency

Start out by setting the DIP switches on the unit to 87.7MHz (all switches in the ON [UP] position). If the unit has not been reset since shipping from the factory, this is how the switches are already set.

Turn on your video source, make sure it is playing, and tune your radio to 87.7MHz. If audio quality is good, set the a radio preset button to this frequency – your setup is complete!

If you experience interference or poor reception, try one of the other frequency/switch settings in the table to the right. Be sure to change your radio to the new frequency you just set, and check the audio quality. Repeat this process until you achieve the best results.

Controls and Features



- 1 FREQUENCY SELECTORS**
Use these DIP switches to select the best frequency for FM transmission to your car radio. See the table below for the switch settings.

NOTE: In this chart, the switch handle is indicated with a WHITE square. For example, 87.7 is selected with all switches in the UP position.

Frequency Selector Chart	
FREQUENCY	SWITCH SETTINGS
87.7 MHz	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
87.9 MHz	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
88.1 MHz	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
88.3 MHz	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
88.5 MHz	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
88.7 MHz	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
88.9 MHz	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>