

90-day Limited Warranty

Sima Products Corporation warrants this product against defects in materials and workmanship for a period of 90 days from the date of purchase. During the warranty period, the product will be repaired or replaced at Sima's option. Mail the enclosed product registration card within ten days of the original purchase.

Conditions

Ship your unit, freight pre-paid, including a copy of your sales receipt and a description of problem to:

Sima Products Corporation
Attn: Customer Service
140 Pennsylvania Ave.
Bldg. #5
Oakmont, PA 15139

This warranty is void if any defects are caused by abuse, misuse, negligence or unauthorized repairs. All liability for incidental or consequential damages is specifically excluded. Some states do not allow for the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may have other rights, which vary from state to state.

sima®

RF Signal Modulator

Model SRF



User Manual

sima®

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Introduction: Congratulations on your purchase of Sima's RF Signal Modulator (Model SRF). This unit will enable any VHF television set to receive signals from all A/V video equipment such as DVD players, video game systems, satellite receivers, camcorders and more. The RF Signal Modulator converts the separate Audio and Video input signals into normal VHF signals for television. The unit has a built-in automatically switched antenna/cable input. It also has a built-in Auto Switching feature that re-routes the external in and out sources to the TV set when a video signal is not detected.

This package includes: 1 RF signal modulator
 1 AC to DC power adapter (12V DC, 150 ma)
 1 user manual (this document).

FCC Conformity: This device complies with Part 15 Rules of the Federal Communications Commission. Operation of the SFR RF Modulator is subject to the following two conditions. 1. This device may not cause harmful interference. 2. This device must accept interference received, including interference that may cause undesired operation

Input	Specifications		
	<u>Video</u>	<u>Audio</u>	<u>TV</u>
Impedance (ohms)	75 or 1K	13K	75
Level (Vp-p)	1	0.4	N/A

Output	<u>Channel 3</u>	<u>Channel 4</u>
	Frequency MHz	61.25 +/- 100KHz
Level (dBuv)	66 +/- 3.5	66 +/- 3.5

Connection: You will need one A/V cable with RCA style jacks and two 75 Ohm coaxial cables with F-type connectors (not included) to connect it between a video input source and your TV set.

Steps:

1. Connect a pair of RCA-style cables from the "Audio out" jacks on your A/V equipment (DVD, video game, satellite receiver) to the "Audio In" jacks of the RF modulator.
2. Connect an RCA-style cable from the "Video out" jack on your A/V equipment (DVD, video game, satellite receiver) to the "Video In" jack of the RF modulator.
3. Connect the coaxial cable with your VHF signal (TV antenna/cable) to the 75 Ohm coaxial "ANT IN" input on the RF modulator.
4. Using another 75 Ohm coaxial cable connect the "TO TV" terminal on the RF modulator to the cable or VHF/UHF input on your television set. **Note:** If your TV set does not have a VHF 75 Ohm connector, you will also need a 75Ohm to 300 Ohm matching transformer.
5. Plug the AC/DC adaptor into a standard 120V AC outlet and plug into RF Modulator
6. Move the switch on the back of the RF Modulator to the channel (3 or 4) you want to use for the A/V signal.
7. Turn on A/V equipment. The signal is sent automatically sent to the TV.
8. Turn off A/V equipment to view antenna/cable programs.
9. Change the "ohms" switch on the RF Modulator to the position that gives you the best picture quality, typically 75 ohms.

