

M-806 AUDIO/VIDEO RECEIVER **SPECIAL TV RECEIVER**

The World's smallest audio/video receiver module for any UHF TV transmitter is a perfect solution for any professional Steadicam user! This receiver can pick-up any TV channel in UHF AIR BAND from **CH 14 UHF TO 69 UHF** or even Cable channels (also famous CH 59 cable video transmitters). The unit is professional, with direct audio/video output to any monitor. It is very easy to use and change the channel with two rotary switches on the back of the unit. Required power supply is 9 V- 12 V DC/ 160 mA.



FEATURES:

- Wideband UHF TV channels
- F antenna connector
- 9 V battery operated
- RCA audio/video outputs
- Excellent picture quality
- High sensitivity
- Small size
- Low current consumption

Technical Specifications	M-806
Operating Frequencies:	TV channels 470-860 MHz
Channel selection:	Rotary switches
DC Voltage:	9 V
Sensitivity:	-86 dBm
Minimum required voltage:	7.5 V
Battery power:	9 V – 12 V
Video distortion:	2%
Video Format:	PAL, NTSC
Current Consumption:	200 mA / 9 V
Antenna:	N/A
Antenna Connector:	F, BNC on request
Impedance:	75 ohms
Video Connector:	RCA F, BNC on request
Video Impedance:	75 ohms
Audio output level:	300 mV
Video output level:	1 V
Temperature Range:	-40 +75* C
Dimensions:	2.2" X 3" X 1"
Weight:	60 grams
Modulation:	Negative AM



www.rf-video.com,
 2028 Yonge st, Toronto, Ont M4S 1Z9
 Email to: info@rf-video.com.
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M-806 AUDIO/VIDEO RECEIVER SPECIAL TV RECEIVER



This receiver is a very small compact module excellent for any steadicam user or TV professional. You can access any TV channel in UHF range and some UHF cable tv channels. Rotary switches are located on the bottom of the box. Power supply is 7.5 V – 14.4 V max. Current consumption is very low - only 150 mA. This receiver is excellent for any undercover operation as well since is extremely sensitive. For longer range you can use better antenna or antenna with gain. Power supply is 12 V center positive.

FEATURES:

- BATTERY OPERATED 6 V- 12 V
- STANDARD POWER PLUG 2.1 mm
- **LOW CURRENT CONSUMPTION 150 mA**
- EASY HOOK-UP
- SMALLEST SIZE 2.7" X 0,95" X 2.9"
- EXCELLENT SENSITIVITY
- F - TYPE ANTENNA CONNECTOR
- HIGH-QUALITY PICTURE
- NTSC TV SYSTEMS
- VIDEO SIGNAL OUTPUT 1 V, 75 ohm
- PLL CONTROLLED
- IF FILTER 38.9 MHz
- **FREQUENCY RANGE CH 14 - CH 69 UHF (471 MHz - 801 MHz)**
- CABLE TV CHANNELS
- AUDIO OUTPUT 300 mV



EXAMPLE FOR CHANNEL 57 UHF: **TENS TURN TO 5, ONES TURN TO 7**
EXAMPLE FOR CHANNEL 59 CABLE: **TENS TURN TO 7, ONES TURN TO 9**

TECHNICAL DESCRIPTION:

This is a perfect solution for any professional Steadicam user! This smallest receiver can pick-up any TV channel in UHF AIR BAND from **CH 14 UHF TO CH 69 UHF** or even Cable channels 54 - 65 (also famous CH 59 cable video transmitters). The unit is professional, with direct video output to any monitor and excellent color quality picture. It is very easy to use and change the channel with 2 rotary switches. Required power supply is 9 V- 12 V DC/ 150 mA. The size of this unit is: 2.7" X 0,95" X 2.9". It is excellent receiver for any video transmitter from **430 MHz- 801 MHz**.

Model: **M-806**



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SPECIFICATIONS:

RF:

- Input Frequency: 430 MHz-801 MHz, Off air channels 14-69, CATV channels 54 – 65 (403 MH-469 MHz).
- Input Level: -10 to +35dBmV
- Noise Figure: UHF: 10dB
- Image Rejection: UHF: 50dB
- Input Impedance: 50 Ohms.

AUDIO:

- Output Level: 300 mV rms nominal
- Output Impedance: Less than 500 Ohms, unbalanced.

VIDEO:

- Output Level: 1.0Vp-p, NTSC standard negative sync.
- Output Impedance: 75 Ohms.
- Differential Gain: Less than 5%.
- Differential Phase: Less than 5 degrees
- L/C Delay: ±50nSec maximum

GENERAL:

- DC Power Input: +9 V - 12 VDC @ 140 mA,
- Temperature: 0° C to +50° C.
- Dimensions: 2.7" X 0,95" X 2.9"
- Weight: 60 grams



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