

THE WORLD'S SMALLEST AUDIO/VIDEO TV RECEIVER ANY UHF TV CHANNEL M-806



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 2.4" X 1.0" X 3.0"
- 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**

SPECIAL VIDEO RECEIVER MODULE FOR STEADICAM SENDERS M-806

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: **2.4" x 1.0" x 3.0"**. It is excellent receiver for any video transmitter from **430 MHz-801 MHz**.

Model: **M-806**

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: ± 50 nSec maximum

GENERAL:

- DC Power Input: +9 V - 12 VDC @ 140 mA,
- Temperature: 0° C to +50° C.
- Dimensions: **2.4" x 1.0" x 3.0"**
 - Weight: **60 grams**