

# M-800 AUDIO/VIDEO RECEIVER SPECIAL TV RECEIVER

This is a perfect solution for any professional Steadicam user. This receiver can pick-up any TV channel in UHF AIR BAND from CH 02 VHF TO CH 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 push buttons up or down. Required power supply is 12 V DC/ 250 mA. It is excellent receiver for any video transmitter from 45 MHz- 806 MHz in the UHF TV band.



## FEATURES:

- Wideband VHF/UHF TV channels
- F antenna connector
- 12 V battery operated
- RCA audio/video outputs
- Excellent picture quality
- High sensitivity
- Built-in video filter
- Low current consumption

Technical Specifications	M-800
Operating Frequencies:	All TV channels 45 MHz- 806 MHz
Channel:	BCD switches from the front panel
DC Voltage:	12 V
Sensitivity:	- 86 dBm
Minimum required voltage:	12 V
Video distortion:	2%
Video Format:	PAL, NTSC
Current Consumption:	250 mA / 12 V
Antenna:	N/A
Antenna Connector:	F
Impedance:	75 ohms
Video Connector:	RCA F, BNC adapter
Video Impedance:	75 ohms
Audio output level:	300 mV
Video output level:	1 V
Temperature Range:	-40 +75° C
Dimensions:	7" X 3.5 " X 0.8"
Weight:	250 grams
Modulation:	Negative AM



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## **SPECIFICATIONS:**

### **RF:**

- Input Frequency: **54-806 MHz**, Off air channels 2-69, CATV channels 2-125.
- Input Level: -10 to +35dBmV
- Noise Figure: **VHF: 8dB UHF: 10dB**
- Image Rejection: **VHF: 65dB UHF: 50dB**
- Input Impedance: 75 Ohms.

### **AUDIO:**

- Output Level: 300 mV rms nomina, adjustable with front panel control  $\pm 10$ dB
- Output Impedance: Less than 500Ohms, unbalanced.

### **VIDEO:**

- Output Level: **1.0Vp-p**, NTSC standard negative sync. panel control  $\pm 10$ dB.
- Output Impedance: **75 Ohms**
- Differential Gain: Less than 5%.
- Differential Phase: Less than 5 degrees
- L/C Delay:  $\pm 50$ nSec maximum

### **GENERAL:**

- DC Power Input: +12 VDC @ 120 mA, +5 VDC @100 mA.
- Temperature: 0° C to +50° C.
- Dimensions: 1" W X 3.5" H X 7.5" D.
- Weight: **12 oz**



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