

Lawmate 1.2G 1.2GHz 8CH 1000mW Wireless AV Transmitter Receiver combo for FPV



A compact 1000mW 1.2GHz A/V transmitter module designed for FPV use. An excellent quality unit that has 8 selectable frequencies and audio/video outputs. This transmitter will give you excellent range and very good video clarity.

Category: [Analog FM wireless video transmitter](#) Tags: [1.2G transceiver](#), [FPV transmitter](#), [Video Transmitter Receiver](#)

- Description

- Reviews (0)

Product Description



High Power Type AV Wireless Transmitter Module Series

TM-121800/ TM-241800 A/V Transmitter Module

Feature

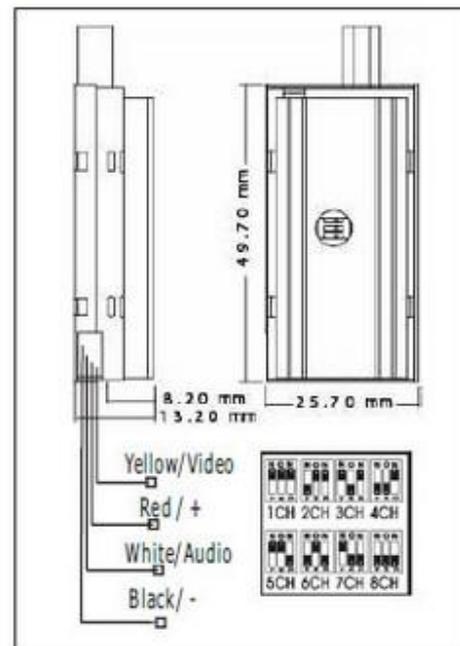
- 1.2 & 2.4GHz Band frequency transmission option
- Highly integrated circuit / High power output (1Watt).
- High Reliability/Linearity/AlGaAs/GaAs FET power amplifier module built-in
- Using digital phase-Lock-Loop circuit without drifting problem under high temp. Occasion
- 8 channels DIP switch selectable.



Specification

Item Number	TM-121800	TM-241800
Frequency Band	1200MHz	2400MHz
Available Channel	8 Ch	8 Ch
Audio Sub-Carrier	5.5 Mhz	6.5MHz
Trans. Range	500 Meter	
Consumption Current	450 mA	
Output Power	1000 mW	
Operation Voltage	12 V	
Power Supply	12V / 500mA	
Antenna Connector	SMA Connector	
Weight (TX)	30 g	
Dimension (TX)	26x 50x 13 mm	
Matched Receiver	RX-1260 & RX-1280B	RX-2460 & RX-2480B

Mechanical Sketch



*Specification & appearance may be subjected to change without notice

Standard Shipping Package

- AV Transmitter Module *1
- Standard Dipole Antenna *1
- AV & power Switching Cable *1



Specification

Model Number	RX-1260CK	RX-2460CK
Frequency Band	1200MHz	2400MHz
Available Channel	8 Ch	8 Ch
Sub-Carrier Freq.	5.5 Mhz	6.5 Mhz
Operating Voltage	DC 12V	
Consumption Current	240 mA	
Video Output	75 Ohm Impedance, RCA x 2	
Audio Output	10k Ohm Impedance, RCA x 2	
Power Adaptor	12V / 500mA	
Type Standard	NTSC /PAL	
Weight (TX)	95 g	
Dimension (TX)	80x 63x 20 mm	
Antenna Connector	De-tacheable SMA connector	









A compact 1000mW 1.2GHz A/V transmitter module designed for FPV use. An excellent quality unit that has 8 selectable frequencies and audio/video outputs. This transmitter will give you excellent range and very good video clarity.

It utilizes a “Digital Phase Lock-Loop Circuit” without temperature drifting problems. It also features a highly integrated circuit board for ultimate reliability.

Selectable channels: 1080 1120 1160 1200 1010 1040 1280 1280GHz

Features:

- Compact size
- Exceptional range
- Excellent video clarity
- Highly integrated circuit
- Uses “Digital Phase Lock-Loop Circuit” with no temperature drift.

Specs:

Transmission Frequency: 1.2GHz

Output Power: 1000mW

Channels: 8

Input Voltage: 5V

Modulation Deviation: 2.8MHz FM modulation

Sub-Carrier Frequency: 5.5MHz

Video Input: Impedance = 75ohms

Audio Input: Vp-p

Operating Temperature: -10C~+40C

Weight: 27.5g (transmitter only)

Weight: 76g (transmitter, antenna and supplied A/V lead)

RF Output Connector: SMA

Dimensions: 60 x 25 x 11mm

Note:

Please check with your local authorities regarding operation of this equipment before you purchase. Regulations on power output, usable frequencies and licences to operate vary from region to region.

Transmitter description:

Transmitting Power : 1000mW (working distance is 1000-1800M according to data from factory)

Working power : 5V (built-in lithium battery 2200mah)

Current:450mA-500mA

Working temperature : -10 – 40 degree

Working humidity:20 – 80%

Chanel : 4 channels

Av in : by 2.5" jack .

Receiver:

Body product: 115 * 80 * 21mm

Weight: 126g

Channel Selection: button to select

Receiving Mode: Manual receiver

Operating voltage: 12V

Operating Current: 1000mA

Package including :

1x AV Wireless Receiver

1x Lawmate 4 Channels Wireless AV Transmitter

1x 1.2G Antenna for Receiver

1x 1.2G Antenna for Transmitter

1x Charger for Transmitter

1x Power 12v for receiver

NOte :

1. the transmitting distance will be different according to your using conditions .
2. The transceiver will become HOT after power on ,when you buy means that you can accept it .

If you need antenna for enlarging working distance :

Lawmate 1.2GHz 8CH 1000mW Wireless AV Transmitter Receiver for FPV
LawMate 1.2GHz 8CH 1000mW Wireless AV Transmitter:LawMate 1.2G 1000mW TM-121800 Wireless Video Audio AV Sender Channels & Frequencies: CH 1 : 1080 Mhz CH 2 : 1120 Mhz CH 3 : 1160 Mhz CH 4 : 1200 Mhz CH 5 : 1010 Mhz CH 6 : 1040 Mhz CH 7 : 1240 Mhz CH 8 : 1280 MhzNote: TM-121800 Wireless Audio Video Transmitters may not be legal for using in some countries. DronesVision.com can't held any responsibilities for the use of these devices. This Wireless Video AV VTx Transmitter can working with LawMate RX-1260CK Wireless Video Audio AV VRx receiver, for using this transmitter, your receiver must switch to position "B" If your RC transmitter is 2.4Ghz, you should consider to add a low pass filter to prevent this high power wireless video transmitter to interferences your 2.4G RC system.LawMate 1.2GHz 8CH 1000mW Wireless AV Receiver VRX:Features: – Highly integrated circuit – 8-channel DIP switch selectable (DronesVision sells genuine original unmodified LawMate 8CH, we dont sell handicaped version) – Operating voltage: Vcc, 10.5V (minimum), 12V (typical), 13V (maximum) – Supply current Vcc =240mA (maximum) – Video input voltage 75-ohm impedance: 1Vp-p – Audio input voltage 10k ohm impedance: 1Vp-p – Dimension and weight 80 x 63 x 20mm, 95g – De-tacheable SMA connector – Video: PAL / NTSC How to set up LawMate RX-1260CK Wireless Video Audio Receiver? DIP switches in the up position are disabled, the selected channel switch must be down to be enabled, so if you want to use CH-8 1280 MHz. DIPS 1~7 must be UP (disabled) and the DIP 8 has to be DOWN.What should I set the A/B Switch for using LawMate RX-1260CK Wireless Audio Video Receiver?For TM-121800 1.2G 1W VTx, always slide the switch to position B For TM-120500LM 1.2G 0.5W VTx, always set the switch

LawMate 1.2G 1000mW TM-121800 Wireless Video Audio AV Sender Channels & Frequencies:

CH 1 : 1080 Mhz

CH 2 : 1120 Mhz

CH 3 : 1160 Mhz

CH 4 : 1200 Mhz

CH 5 : 1010 Mhz

CH 6 : 1040 Mhz

CH 7 : 1240 Mhz

CH 8 : 1280 Mhz

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Product Description

Main feature of RX1260 :

- 1.2G Band frequency A/V transmission
- DC 12V ($\pm 10\%$)working voltage
- 8CH DIP switch selectable
- High reliability, stability
- Using digital phase-Lock-Loop circuit w/o temperature drifting problem
- Offering simulatng video/ voice frequency output port

Main Feature of TX121800:

- 1.2G Band frequency A/V transmission
- Compact size module, high output power (1Watt)
- Highly integrated circuit/High power output (1Watt)

- 8CH DIP switch selectable
- High Reliability/Linearity/AlGaAs/GaAs FET poweramplifier module
- Using digital phase-Lock-Loop circuit w/o temperature drifting problem
- DC 12V ($\pm 10\%$) working voltage

Working Frequency:

CH1/CH5: 1080/1010MHz

CH2/CH6: 1120/1040MHz

CH3/CH7: 1160/1240MHz

CH4/CH8: 1200/1280MHz

LawMate Rx Channel Settings

Many customers asked for the functionality of the A-B switch on the side of the RX1260 and RX2460 receivers. We have not found the answer to this question on any of the forums or available documentation, so we asked the manufacturer. Here is the answer:

“In order to let our customer use more channel, so we made A, B switch, then the customer can choose between the two groups:

CH. 1... CH. 2... CH. 3.... CH. 4... CH. 5... CH. 6.... CH. 7.... CH. 8

RX-1260 (group A) 1080—1120—1160—1100—1140—1180

RX-1260 (group B) 1080—1120—1160—1200—1010—1040—1240—1280

RX-2460 (group A) 2413—2432—2451—2470

RX-2460 (group B) 2410—2430—2450—2470—2370—2390—2490—2510

Package includes: Transmitter, receiver, standard dipole antenna, specially-used-AV-wire; No manual.