

# MATCO Inc.

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## TRANSMITTER(ATV-2400-T)

Primary Frequencies: 2398 MHz, 2412 MHz,  
 2428 MHz, 2442 MHz  
 Power Output: 34-38 mW (+15.5dBm)  
 Modulation Method: FM, PLL  
 Audio: 18 KHz Stereo (2 channel)  
 RCA female connector  
 Video In : All formats, B/W and Color  
 Antenna: 3" Rubber Duck /w  
 SMA connector  
 Power Supply: 12-15 V/500 mA  
 Requires minimum 15 volts or special tap 10-18VDC @150mA

### DESCRIPTION:

Compact DSP (Digital Signal Processing) transmitter allows excellent frequency stability. Potentiometer adjustment is available to compensate for video signal input. Color and Black and White Video are supported as well as any of the world-wide video signals. Stereo audio inputs (left and right) are standard. No tuning adjustments required. Frequencies are selected by a DIP switch.

## RECEIVER(ATV-2400-R)

Frequencies: 2398 MHz, 2412 MHz,  
 2428 MHz, 2442 MHz  
 Audio Subcarrier  
 Frequencies: 6.0 & 6.5 MHz.  
 Video Output: RCA type 75 ohms 1 V P-P  
 B/W or Color  
 Audio Output: RCA type 600 ohms 1V P-P for Channel L and R  
 Scan Rate: 1.5 seconds per channel fixed  
 Maximum Channels: 4  
 De-Modulation Method: FM. PLL  
 Antenna: 3" Rubber duck /w SMA connector  
 Receiver current: 270 mA  
 Power Supply: 12-15 V/500 mA  
 Requires minimum 12 VDC @ 200 mA  
 Dimensions: 5- $\frac{3}{4}$ "L X 2- $\frac{3}{4}$ "W x  $\frac{3}{4}$ "H.

### DESCRIPTION:

High performance and high selectivity wide bandwidth receiver handles Black and White or Color images as well as stereo output. Built-in programmable 4 channel switcher to choose specific scanned outputs. Individual stations can be also selected manually. Contrast control adjustment. Range up to 2000 feet line of sight with 2 rubber duck antennas.