



TVX-30900/1

Special Audio/Video Transmitter for 30 -920 MHz band

New Transmitter model TVX-30900/1 is a fully synthesized audio/video transmitter for wideband frequencies from 30 MHz- 920 MHz. It is a Military grade unit that covers the widest frequency UHF range. The RF power output power is 1000 mW or 10W (Model TVX-30900/H). It sends a crisp color picture and sound miles away. No special tuning is needed. Simply choose the frequency with two push-button switches. Digital display shows desired channel and sound carrier frequency (adjustable from 4.5-6.5 MHz). Special directional antenna for UHF band is included. This transmitter is fully mobile and works with 12 VDC. Special option of this unit is available with Encoder/Decoder combination with over 2 million combinations. Sold exclusively to Government agencies or Military forces.



Technical Specifications	
Operating Frequencies:	30 MHz – 920 MHz
Channels:	Externally selectable
DC Voltage:	12 V – 14.4 V
RF power:	1000 mW or 10 W (+-10%)
Minimum required voltage:	9 V
Battery power:	12.6 V
Video distortion:	1%
Maximum range:	1 mile-30 miles depends on antenna
Video Format:	NTSC /PAL
Current Consumption:	1400 mA/ 6000 mA / 12.6 V
Audio input:	300 mV
Antenna Connector:	N female or BNC
Impedance:	50 ohms
Video Connector:	BNC
Video Impedance:	75 ohms
Video level:	1 V
Temperature Range:	-20 +75° C
Dimensions:	7.5 " X11.0 " X 3.5 "
Audio carriers:	4.5 MHz, 5 MHz, 5.5 MHz, 6 MHz adjustable internally
Channel spacing:	6 MHz
Frequency step:	250 kHz
Weight:	3,500 grams
Modulation:	AM negative, Broadcast quality