



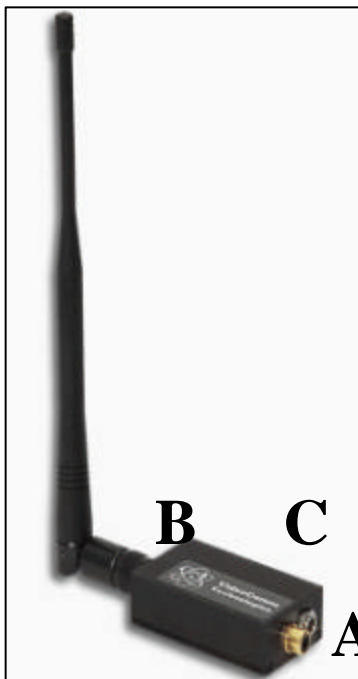
INSTRUCTIONS: WTX-003 (TC-900) transmitter Series

- Connect the video camera source to the video input “A”.
- Connect antenna to the antenna port “B”. Make sure antenna is screwed on tightly.
- Connect the supplied adapter (12 VDC only) into “C” (recommend VideoComm Adapter for best results).
- Battery operation is possible by cutting off the barrel jack connector from the supplied adapter and attaching own power supply to the bare leads. 9 - 14 Volts DC capable.
- NOTE : Power Supply - polarization on the input barrel of the transmitter is pin “positive”.
- Requires CCR-900 video receiver to receive composite video “out”.
- Avoid operating the transmitter when it is closer than 10 feet to the receiver. This may cause a distorted picture and overload the transmitter/receiver.

Troubleshooting:

- Check power supply.
- Operating two transmitters in close proximity, **on the same frequency**, will cause interference and loss of video.
- Do not encapsulate the antenna in any kind of metal enclosure. Plastic, wood or other materials are satisfactory.
- Optimum transmitting distance is realized when the transmitting antenna and the receiving antenna are both vertical. Bending the antenna in any way will still allow transmitter to operate, but not at it’s maximum transmitting capacity.
- Confirm the set up for receiver (CCR-900) is complete. Connect antenna, Connect video output to monitor, connect power supply, turn on power switch(power led will light), turn on transmitter, Select channel on receiver. Adjust receive antenna for best signal level (adjusting antenna on transmitter will also help improve signal)
- Power switch: In the on position, the red LED will be on
- Signal Strength indication gives positive feedback of the signal level. This receiver will still provide usable video even if signal level is below the 5 green led’s.
- Check that the “Video Out” cables from receiver to monitor/time-lapse are connected properly.

WARNING – DO NOT OPERATE TRANSMITTER WITHOUT ANTENNA CONNECTED TO ANTENNA PORT. Failure to do so will result in damage to the unit and void the warranty. Any attempt to **OPEN, ALTER or MODIFY** this unit shall void this products warranty, and purchaser waives all rights to make any claims. See enclosed warranty card for more details or call technical support.



<i>Description</i>		TC-900	TC-900hp
Transmitter Frequency		Fixed	Fixed
Operating Distance	Line-of-Sight	800 - 1200 feet	1800 – 2300 feet
Optional High Gain Antenna - Line-of-Sight		1600 - 2400 feet	3400 – 5000 feet
Video Format		NTSC or PAL	NTSC or PAL
Video Compatibility		Broadcast Standard Color and Black & White	Broadcast Standard Color and Black & White
Radiated Power		50 mV / m @ 3m	250 mW
Video Input Impedance		75 Ohms	75 Ohms
Level		1 Volt (Peak-to-Peak)	1 Volt (Peak-to-Peak)
Connector Format		RCA	RCA
Frequency Stability		+/- 0.001%	+/- 0.001%
Antenna Type		Omnidirectional	Omnidirectional
Size		7" Rubber Duck	7" Rubber Duck
Reverse Polarity Protection		Yes	Yes
Temperature Range		-22 to 140 F	-22 to 140 F
Power Supply		9-14 Volts DC	9-14 Volts DC
Power Draw		56mA @12V	85mA @12V
Dimensions		2.5" x 1.5" x 0.6"	2.5" x 1.5" x 0.6"
AUDIO - OPTION			
Line Level In	Input Impedance	600 Ohms	600 Ohms
	Level	1 Volt (Peak-to-Peak)	1 Volt (Peak-to-Peak)
	Connector Format	Barrel – Twin RCA Connector	Barrel – Twin RCA Connector
FCC Approval		YES	N/A
Industry Canada Approval (D.O.C.)		YES	N/A
Site Licensing Requirements		not required	-