

#### MICROTEK LIMITED WARRANTY

Microtek Electronics extends the following LIMITED WARRANTY to the original owner/purchaser of this product:

- 1) If, within one year after date of initial sale, this product, or any part or portion thereof, shall prove upon examination by MICROTEK, to be defective in material or workmanship, MICROTEK will repair or replace such part or portion at MICROTEK's option. The warranty period on the repaired or replaced part or portion of this product shall be limited to the unexpired term of the original warranty. The buyer shall be responsible for all shipping and transportation of the product to MICROTEK for any performance under this warranty.
- 2) Conditions and Exceptions:
  - a) Any accident to this product, any misuse or abuse, alternation, use in modified form, or any attempt to repair this product shall void this warranty. These conditions to the warranty include, but are not limited to, incorrect power connections, physical damage due to mechanical shock, exposure to moisture, and circuit modification.
  - b) SHOULD THIS PRODUCT PROVE DEFECTIVE FOLLOWING PURCHASE, THE BUYER, NOT THE MANUFACTURER, DISTRIBUTOR, OR RETAILER, ASSUMES THE ENTIRE COST OF ALL SERVICING OR REPAIR, EXCEPT AS OTHERWISE PROVIDED BY THE TERMS OF THIS WARRANTY.
  - c) FOR BREACH OF ANY WRITTEN OR IMPLIED WARRANTY ON THIS PRODUCT, THE BUYER IS LIMITED TO THE FOLLOWING DAMAGES. (1) THE COST OF LABOR TO REPAIR OR REPLACE DEFECTIVE PARTS OR PORTIONS OF THIS PRODUCT, AND (2) THE COST OF THE REPAIRED OR REPLACE PARTS OR PORTIONS OF THIS PRODUCT.
  - d) NO OTHER EXPRESSED OR IMPLIED WARRANTIES HAVE BEEN MADE OR WILL BE MADE ON BEHALF OF MICROTEK WITH RESPECT TO THE SALE, REPAIR, INSTALLATION, OPERATION, OR REPLACEMENT OF THIS PRODUCT. MICROTEK DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OF THIS PRODUCT OR ITS FITNESS FOR ANY PURPOSE, AND THE BUYER AGREES THAT THIS PRODUCT IS SOLD "AS IS" AND THAT THE ENTIRE RISK OF QUALITY AND PERFORMANCE OF THIS PRODUCT IS WITH THE BUYER, EXCEPT AS OTHERWISE PROVIDED BY THE TERMS OF THIS WARRANTY.
  - e) Some states/jurisdictions do not allow exclusions or limitations of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.
- 3) Contact your dealer regarding return authorization for out of warranty repairs and any further product information.

**Microtek Electronics, Inc.**

P.O. Box 3464, San Clemente, CA 92672

Information Hotline **888-36-MICRO**

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**THE INTELLIGENT ALTERNATIVE.**



## MINILINK 2.4THP-90

### Microwave Video Transmitter

The Minilink transmitter system allows transmissions of wireless signals from a remote location to a monitor or a VCR.

The system uses advanced micro circuitry for a compact miniature design, all packaged within a rugged metal case.

The Minilink transmitter's output frequency is user selectable to one of two frequencies on the 2400-MHz band.

#### FCC NOTICE

This equipment has been tested and found to comply with the limits of a Class B device, pursuant to PART 90 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference.

This equipment generates, uses and can radiate radio frequency energy, and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult your dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

## OPERATION

The Minilink video transmitter is designed to be used in conjunction with a compatible receiver. Refer to the instructions accompanying your receiver for proper installation of that unit.

### LOCATION:

- The Minilink has been designed to be mounted against a flat surface for support and stability. *(Note: The location selected for mounting the Minilink should be protected from immersion in water unless the Minilink is enclosed in a watertight enclosure, and should have a moderate shock protection.)*

### POWER:

- The Minilink is powered by a 8.5-13.8VDC power supply connected through the 4-pin (RED) connector harness protruding from the side of the Minilink case.  
Pin 1) White wire, Video In.  
Pin 2) Green wire, Video Ground  
Pin 3) Black wire, Power Ground  
Pin 4) Red wire, Power Positive

### Channel Select:

- Channel selection is accomplished by individually grounding pins 1-3 of the 4 pin (BLUE) connector. The 4<sup>th</sup> pin outputs +5 volts (TTL High) when power is applied to the transmitter.  
Pins 1, 2 & 3 ungrounded (open) for channel # 4 select (2477 mHz)  
Pin 1) Green wire, Ground this pin for channel # 3 select (2470 mHz)  
Pin 2) White wire, Ground this pin for channel # 2 select (2463 mHz)  
Pin 3) Black wire, Ground this pin for channel # 1 select (2456 mHz)  
  
Pin 4) Red wire, Power sense TTL output +5 Volts or 0 Volts  
(25 mA. Source current Max)

### SETUP & OPERATION:

- Connect Power and video.
- Select Frequency

## MAINTENANCE

Your Microtek Electronics product is an example of superior design and craftsmanship. The following suggestions will help to ensure maximum operational life.

- Keep the product dry. If it does get wet, wipe it dry immediately. Liquids may contain minerals that corrode electronic circuits.
- Use the system only within the environmental specifications indicated below. High temperatures can shorten the life of electronic devices and melt plastic parts.
- Excessive mechanical shock can damage the case, connectors, cable or internal circuit board.

Moving or tampering with the system's internal components can cause a malfunction and invalidate the system's warranty and void your FCC authorization to operate it. If your system is not performing, as it should, contact your dealer. They can assist you and arrange for service.

## SPECIFICATIONS 2.4THP-90\*

Dimensions:	2.25"x1.5"x .425"
Weight:	2.1 oz.
Power Requirements:	8.5-13.8 VDC @ 280 mA
Operating Temperature:	-10°F to 180 °F Case Temperature
Humidity:	95% non-condensing
Power Output:	25.5 dBm (350mW) +0 dBm - 2 dBm Tol.
Connections:	External Power Supply, Video, Frequency Select
Transmitting Frequency:	2456, 2463, 2470, 2477 mHz ,Deviation ± 1.5MHz
Video Input:	1 Volt P-P @75 Ohms
Pre-emphasis	CCIR 405-1
FCC ID:	JRR-PHIL2-11

*\*Specifications subject to change without notice.*