

# Cylink AirPro S-Band Digital Microwave Radio Installation Guide

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## STATEMENT OF WARRANTY

This product, except as stated otherwise in an applicable price list, is warranted against defects in workmanship and material for a period of three (3) years from date of delivery as evidenced by the manufacturer's packing slip or other transportation receipt.

The manufacturer's sole responsibility under this warranty shall be to either repair or replace, at its option, any component which fails during the applicable warranty period because of a defect in workmanship and material, provided PURCHASER has promptly reported same to the manufacturer in writing. All replaced Products or parts shall become property of the manufacturer.

P-Com shall honor the warranty at its repair facility in Sunnyvale, California. It is PURCHASER's responsibility to return, at its expense, the allegedly defective Product to the manufacturer. PURCHASER must obtain a Return Materials Authorization (RMA) number and shipping instructions from the manufacturer prior to returning any Product under warranty. Transportation charges for the return of the Product to PURCHASER shall be paid by the manufacturer within the United States. For all other locations, the warranty excludes all costs of shipping, customs clearance and other related charges. If the manufacturer determines that the Product is not defective within the terms of the warranty, PURCHASER shall pay to the manufacturer all costs of handling, transportation and repairs at the then prevailing repair rates.

All the above warranties are contingent upon proper use of the Product. These warranties will not apply (i) if adjustment, repair or parts replacement is required because of accident, unusual physical, electrical or electromagnetic stress, negligence of PURCHASER, misuse, failure of electric power environmental controls, transportation, not maintained in accordance with manufacturer's specifications, or abuses other than ordinary use (ii) if the Product has been modified by PURCHASER or has been repaired or altered outside the factory, unless the manufacturer specifically authorizes such repairs or alterations; (iii) where manufacturer serial numbers, warranty data or quality assurance decals have been removed or altered.

P-Com also reserves the right to make product improvements without incurring any obligation or liability to make the same changes in Products previously manufactured or purchased. In no event shall the manufacturer be liable for any breach of warranty in an amount exceeding the net selling price of any defective Product. No person, including any dealer, agent or representative of P-Com is authorized to assume for P-Com any other liability on its behalf except as set forth herein.

Nonpayment of any invoice rendered within the stated payment terms automatically cancels any warranty or guarantee stated or implied. If any payment is due to the manufacturer for services performed hereunder, it shall be subject to the same payment terms as the original purchase.

P-COM HEREBY DISCLAIMS ALL IMPLIED WARRANTIES ON PRODUCTS INCLUDING WITHOUT LIMITATION, ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. The warranties expressly stated herein are the sole obligation or liability on the part of P-COM arising out of or in connection with the sale or performance of the products.

Products Manufactured by Others - For products not manufactured by P-COM the original manufacturer's warranty shall be assigned to PURCHASER to the extent permitted and is in lieu of any other warranty, express or implied. For warranty information on a specific product, a written request should be made to the manufacturer.

IN NO EVENT WILL P\_COM BE LIABLE TO PURCHASER FOR (i) REPROCUREMENT COSTS; (ii) SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES; (iii) ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS ARISING OUT OF OR IN CONNECTION WITH THIS AGREEMENT, OR THE USE OF PERFORMANCE OF P-COM PRODUCTS, REGARDLESS OF WHETHER THE CAUSE OF ACTION IS IN CONTRACT, TORT, INCLUDING NEGLIGENCE, OR ANY OTHER FORM.

No action, whether in contract or tort, including negligence, arising out of or in connection with this Agreement, may be brought by either party more than eighteen (18) months after the cause of action has accrued, except that an action for nonpayment may be brought within eighteen (18) months of the date of last payment.

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## **DUCT COMPATIBILITY**

While every effort has been made to verify operation of this product with many different communications products and networks, P-Com Corporation makes no claim of compatibility between its products and other vendors' equipment. It is assumed that users have thoroughly evaluated this product's performance in the communications environment in which it will be used.

## **ETY**

The following general safety precautions must be observed during all phases of operation and service of this product. Failure to comply with these precautions or with specific warnings elsewhere in this Manual willfully violates standards of design, manufacture, and intended use of the product. Cylink Corporation assumes no liability for the customer's failure to comply with these requirements.

This product must be grounded. In the event of a short circuit, grounding reduces the risk of electrical shock by providing an escape wire for the current.

We recommend that you use preferred power—a dedicated power circuit with an assigned circuit breaker.

The product's AC power cord ends in a three-pole grounding plug. Do not use a three-pole to two-pole adapter with the plug. Verify that the outlet you intend to use is properly installed and grounded; the outlet used must comply with the National Electric Code (NEC) NFPA70 (1990) in U.S. A. or other local and national or international applicable code.

Do not install or operate this product in the presence of flammable gases or fumes. Operation of any electrical instrument in such an environment constitutes a definite safety hazard.

No user maintained or adjustable components are present within this product. Do NOT attempt to open this unit. Do not attempt to service this unit except under the direction of Customer Service. Only Cylink-authorized service personnel should service this equipment. The potential for electrical shock exists within the enclosures at all times unless they are unplugged.

Do not install substitute parts or perform any unauthorized modification to the product. Return the product to the factory for service and repair to ensure that safety features are maintained. Prior to returning any product(s) for repair, contact P-Com at the telephone numbers or address located on the front of this Manual, and obtain a Return Material Authorization (RMA) number.

Changes or modifications not expressly approved by P-Com Corporation can void the user's authority to operate this equipment.

## **FEM GROUNDING**

Direct grounding of the antenna, mast, and tower serves as protection from lightning strikes and static buildup. A direct electrical connection should be made to a suitable grounding rod at the base of the tower or mast using at least #10 AWG ground wire, or its equivalent, and non-corrosive hardware. For details and safety standards, consult the appropriate local Electrical Codes or a similar document. Use lightning arresters in appropriate places.

## **TOWER CONSTRUCTION**

Compliance with local zoning and tower construction regulations is recommended when AirPro 64S systems require a tower. These regulations generally mandate that permits be obtained before any tower construction begins. Check with local zoning and aviation authorities for more information.

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## **NOTICE TO USERS**

The Cylink AirPro S-Band radio complies with Part 15 of the FCC rules. Operation is subject to the condition that this device does not cause harmful interference.

Federal Communications Commission (FCC) Rules on spread spectrum devices such as the Cylink AirPro S-Band radio require that you be notified of the following:

FCC regulations require that this device be professionally installed by a person knowledgeable in electronics and trained in the correct installation of this device.

All interface cables must be shielded.

Operation of this device is subject to the following conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference that may cause undesired operation.

Changes or modifications not expressly approved by P-Com Corporation can void the user's authority to operate the equipment.

## **ADIAN DEPARTMENT OF COMMUNICATIONS COMPLIANCE**

This Class A digital apparatus meets all the requirements of the Canadian Interference-Causing Equipment Regulations. This digital apparatus does not exceed the Class A limits for radio noise from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

Cet appareil numérique de la classe A respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

## **OEAN UNION (EU) REGULATORY INFORMATION**

This product conforms with the EMC 89/336/EEC and the low voltage 73/23/EEC Directives. All tests were performed under typical operating conditions.

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