



LA-116/117 Coaxial Dipole Remote Antenna (72/216 MHz)

Don't miss a single sound.





Dear Valued Customer,

Thank you for choosing Listen! All of us at Listen are dedicated to providing you with the highest quality products available. We take great pride in their outstanding performance because we care that you are completely satisfied. That's why we independently certify them to the highest quality standards and back them with a limited lifetime guarantee. We stand ready to answer any questions you might have during installation or in the operation of our products. Should you experience any problems whatsoever with your Listen products, we are ready to help you in any way we can with prompt, efficient customer care. Because at Listen, it's all about you! And should you have any comments on how we might improve our products or our service, we're here to listen.

Here's how to reach us:
+1.801.233.8992
+1.800.330.0891 North America
+1.801.233.8995 fax
support@listentech.com
www.listentech.com

Thank you and enjoy your listening experience!

Best regards,
Russell Gentner and the Listen Team

- In the few instances where repairs were needed, 99% of all clients indicated that they were happy with repair turn-around-times and 85% of the time, clients were without their product for less than 10 days!
- Overall client satisfaction of working with Listen was rated 4.8 out of 5.
- "Please continue with your excellent attitude toward customer satisfaction. You guys are great!"
- "I've never had such good service from any company. Keep up the good work!"
- "You stand behind your product wonderfully."

LA-107 Table of Contents

Package Contents	3
Specifications	3
Setup Instructions	4
Supplementary Information	7
Warranty	7
Contacting Listen	7

LA-116/117 Package Contents & Specifications



Listen Part Number

LA-116 Coaxial Dipole Remote Antenna (72 MHz)

Listen Part Number

LA-117 Coaxial Dipole Remote Antenna (216 MHz)

LA-116 Contents

LA-116 Coaxial Dipole Remote Antenna (72 MHz)

LA-117 Contents

LA-117 Coaxial Dipole Remote Antenna (216 MHz)

LA-116/117 Specifications

LA-116	Frequency Range	72.025 - 75.975 MHz Center frequency of 73.5 MHz
	Length	76 in (193cm)
	Connector	Standard BNC
	Gain	Unity
	Coax Cable	RG-58
LA-117	Frequency Range	216.0125 - 216.9875 MHz Center frequency of 216.5 MHz
	Length	24 in (61cm)
	Connector	Standard BNC
	Gain	Unity
	Coax Cable	RG-58

*Specifications are subject to change without notification.

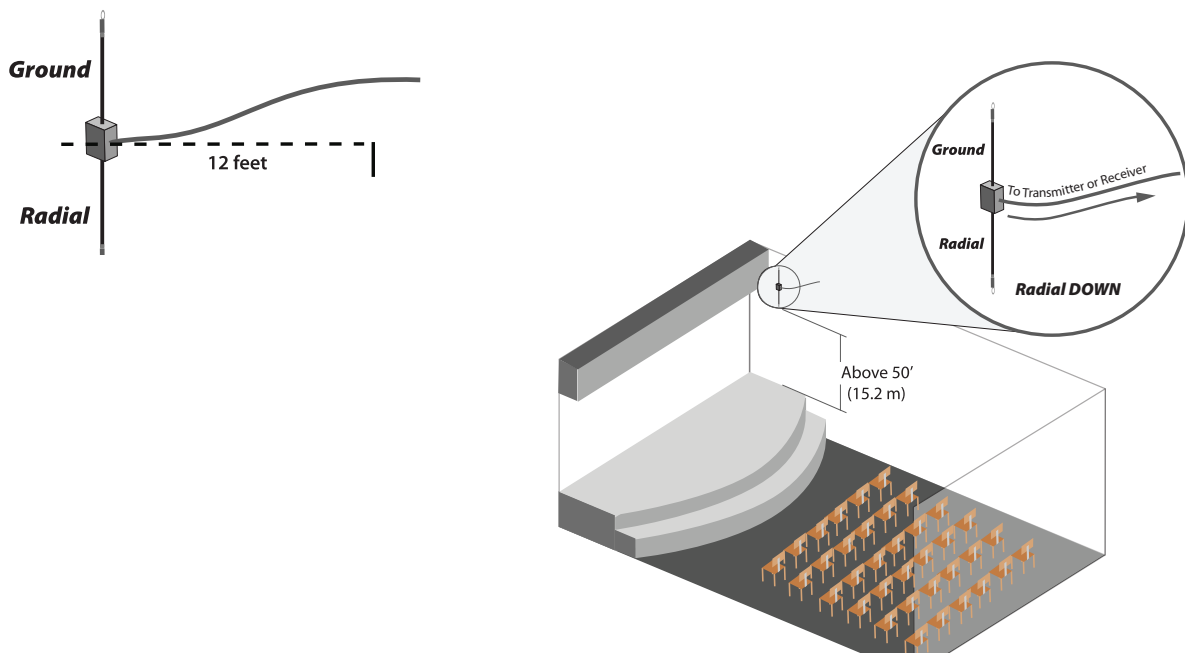
LA-116/117 Setup Instructions

Mount the antenna vertically as shown with radial mounting depending on your application. (If installation is above 50 feet from the ground, see diagram A. If installation is below 50 feet, see diagram B.) Antenna should be mounted in such a way as to provide line-of-sight to receivers. In general, the higher the mounting the better. NOTE: You will need 76" of vertical clearance to mount the 72MHz antenna (LA-116) and 24" of vertical clearance to mount the 216MHz antenna (LA-117).

Higher Level Installations

In larger facilities (such as an arena or gymnasium) where the antenna is mounted substantially higher than users, mount the antenna such that the "radial" is mounted DOWN.

IMPORTANT: Make sure the feed line does not protrude below the radial side, at least within 12 feet (3.7m) of the antenna.

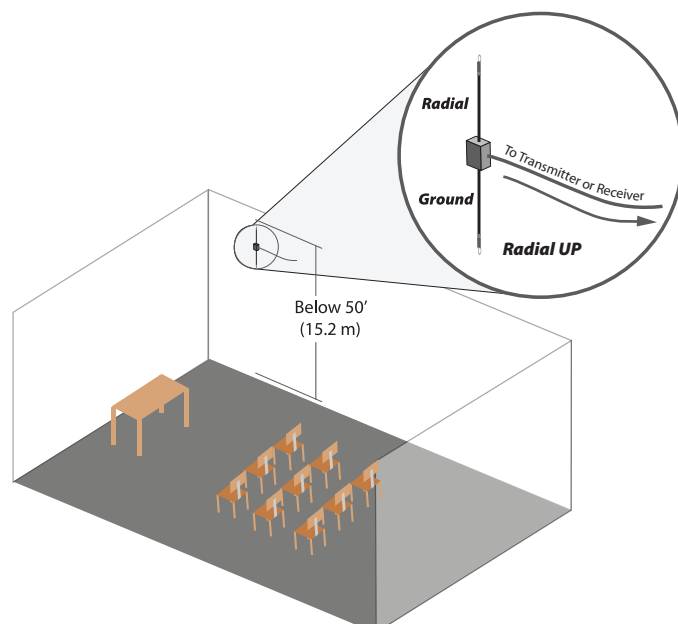
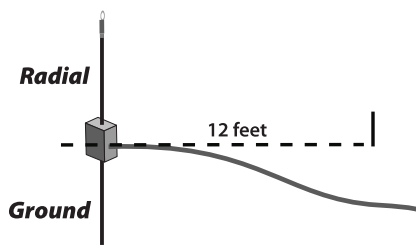


LA-116/117 Setup Instructions (cont.)

Ground Level Installations

When the antenna is to be mounted at or near ground level (less than 50 feet above ground), mount the antenna such that the “radial” is pointed UP.

IMPORTANT: Make sure the feed line does not protrude above the radial side, at least within 12 feet (3.7m) of the antenna.



Warranty & Contacting Listen

Warranty

Listen Technologies Corporation (Listen) warrants its transmitters and receivers (LT-82, LT-700, LT-800, LR-100, LR-42, LR-44, LR-300, LR-400, LR-500, LR-600) to be free from defects in workmanship and material under normal use and conditions for the useful lifetime of the product from date of purchase.

Listen warrants its Stationary IR Radiators (LA-140) to be free from defects in workmanship and material under normal use and conditions for three years from the date of purchase.

Listen warrants its Noise Canceling Microphone (LA-270) to be free from defects in workmanship and material under normal use and conditions for one year from date of purchase.

Listen warrants its Charging/Carrying Cases (LA-306, LA-311, LA-313, LA-317, LA-318, LA-319, LA-320, LA-321, LA-322, LA-323, LA-324, LA-325) to be free from defects in workmanship and material under normal use and conditions for one year from date of purchase.

All other products and accessories are warranted for 90 days from date of purchase.

This warranty is only available to the original end purchaser of the product and cannot be transferred. Warranty is only valid if warranty card has been returned within 90 days of purchase. This warranty is void if damage occurred because of misuse or if the product has been repaired or modified by anyone other than a factory authorized service technician. Warranty does not cover normal wear and tear on the product or any other physical damage unless the damage was the result of a manufacturing defect. Listen is not liable for consequential damages due to any failure of equipment to perform as intended. Listen shall bear no responsibility or obligation with respect to the manner of use of any equipment sold by it. Listen specifically disclaims and negates any warranty of merchantability or fitness of use of such equipment including, without limitation, any warranty that the use of such equipment for any purpose will comply with applicable laws and regulations. The terms of the warranty are governed by the laws of the state of Utah.

In the first ninety days after purchase, any defective product will be replaced with a new unit. After 90 days, Listen will, at its own discretion either repair or replace transmitters and receivers with a new unit or a unit of similar type and condition. Product that is not covered under warranty shall be repaired or replaced with a unit of similar type and condition based on a flat fee. Contact Listen for details.

This limited warranty, prices and the specifications of products are subject to change without notice.

Contacting Listen

If technical service is needed, please contact Listen. Pre-authorization is required before returning Listen products. If products were damaged in shipment, please contact the carrier, then contact Listen for replacement or repair requirements payable by the carrier.

Listen's corporate headquarters are located in Bluffdale, Utah U.S.A. and are open Monday through Friday, 8am to 5pm Mountain Time.

14912 Heritagecrest Way
Bluffdale, Utah 84065-4818
+1.801.233.8992
+1.800.330.0891 North America
+1.801.233.8995 fax

support@listentech.com
www.listentech.com

Listen Technologies GmbH
Jasminstr.16, 90522 Oberasbach, Germany
+49 911 955 159 0 Europe
+49 911 955 159 40 Fax
support@listentech.de
www.listentech.de

Notes



Listen Technologies Corporation
14912 Heritagecrest Way
Bluffdale, Utah 84065-4818, U.S.A.
+1.801.233.8992
+1.800.330.0891 North America
+1.801.233.8995 fax

www.listentech.com