



GAI-TRONICS®

A HUBBELL COMPANY

Dual-Band Antenna Kit

Model 12234-100

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General Information

The Model 12234-100 Dual-Band Antenna Kit is designed to be used with a Model 10458-10x Electronics Paging Module. This kit mounts to either a Model 234SBM Stanchion Broadcast Module or Model 234SBA Stanchion Broadcast Assembly.

The antenna kit contains an assembly that includes a lens cover with a hole, a ground plane and an NMO brass antenna mount. A dual-band antenna is included in the kit. The NMO brass antenna mount has 17 feet of coaxial cable and has a BNC connector attached to the end. The BNC Connector will plug directly into the Paging Module.

This kit includes the following components:

Qty	Description
1	Lens assembly with grounding plane and NMO antenna mount
1	Dual-band antenna

NOTE: The Model 12234-100 Dual-Band Antenna Kit can only be used with the Model 530-001 LED Strobe. The use with any other strobe may cause RF communication interference.

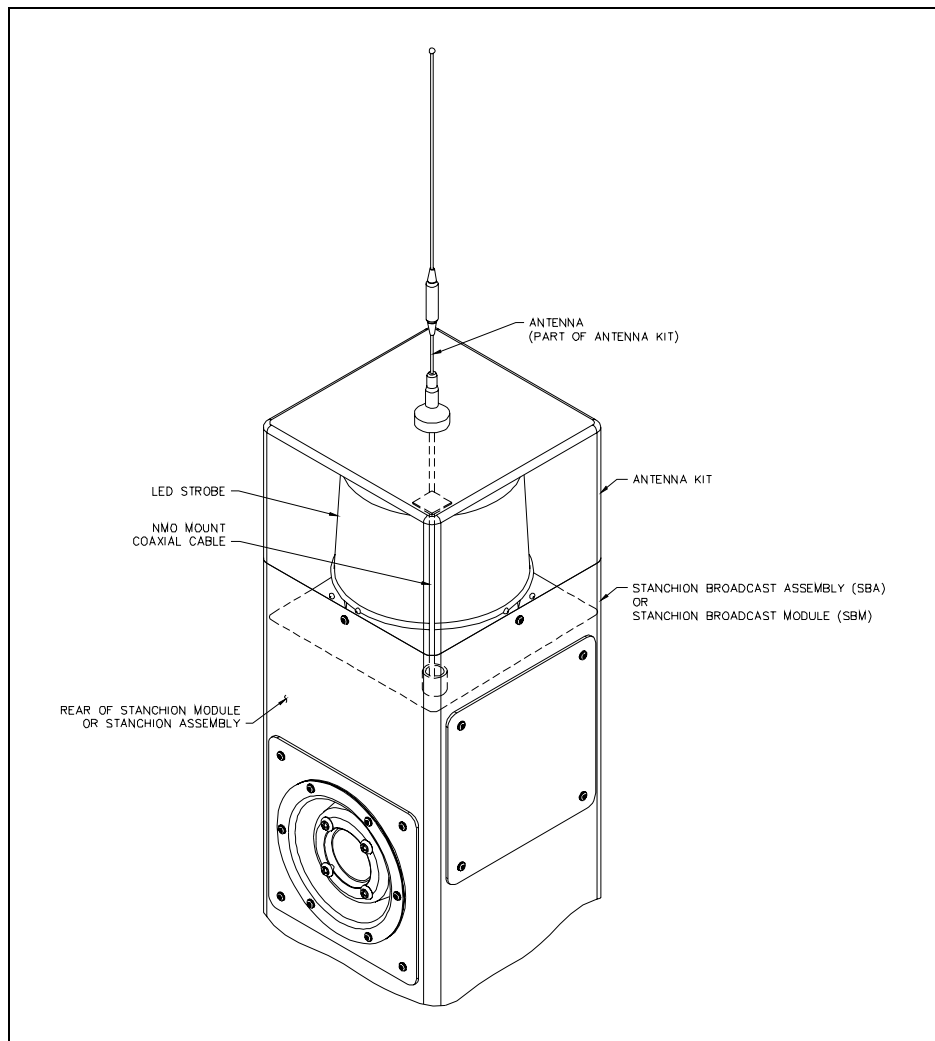


Figure 1.

Installation

Refer to Figure 2.

1. After installing the strobe, insert the NMO mount coaxial cable through the $\frac{3}{4} \times \frac{7}{8}$ -inch conduit section at the top of the stanchion assembly or stanchion broadcast module. Allow the coaxial cable to extend to the base of the stanchion. If using a stanchion broadcast module, the wires will also need to be fed through the threaded nipple in the top of the existing stanchion.
2. Secure the lens cover onto the stanchion or stanchion module with the four tamper-resistant screws provided with the stanchion. Be sure to place the seam of the lens cover to the rear of the stanchion.
3. Apply a small amount of clear RTV silicone sealant or equivalent to each screw thread to reduce the possibility of rust forming in the screw threads.
4. Screw the dual-band antenna onto the NMO mount on the top of the lens cover.
5. Attach the coaxial cable to the BNC connector on the 10458-xxx Electronics Paging Module. Refer to the Paging Module Instructions contained in GAI-Tronics Pub. 42004-415.

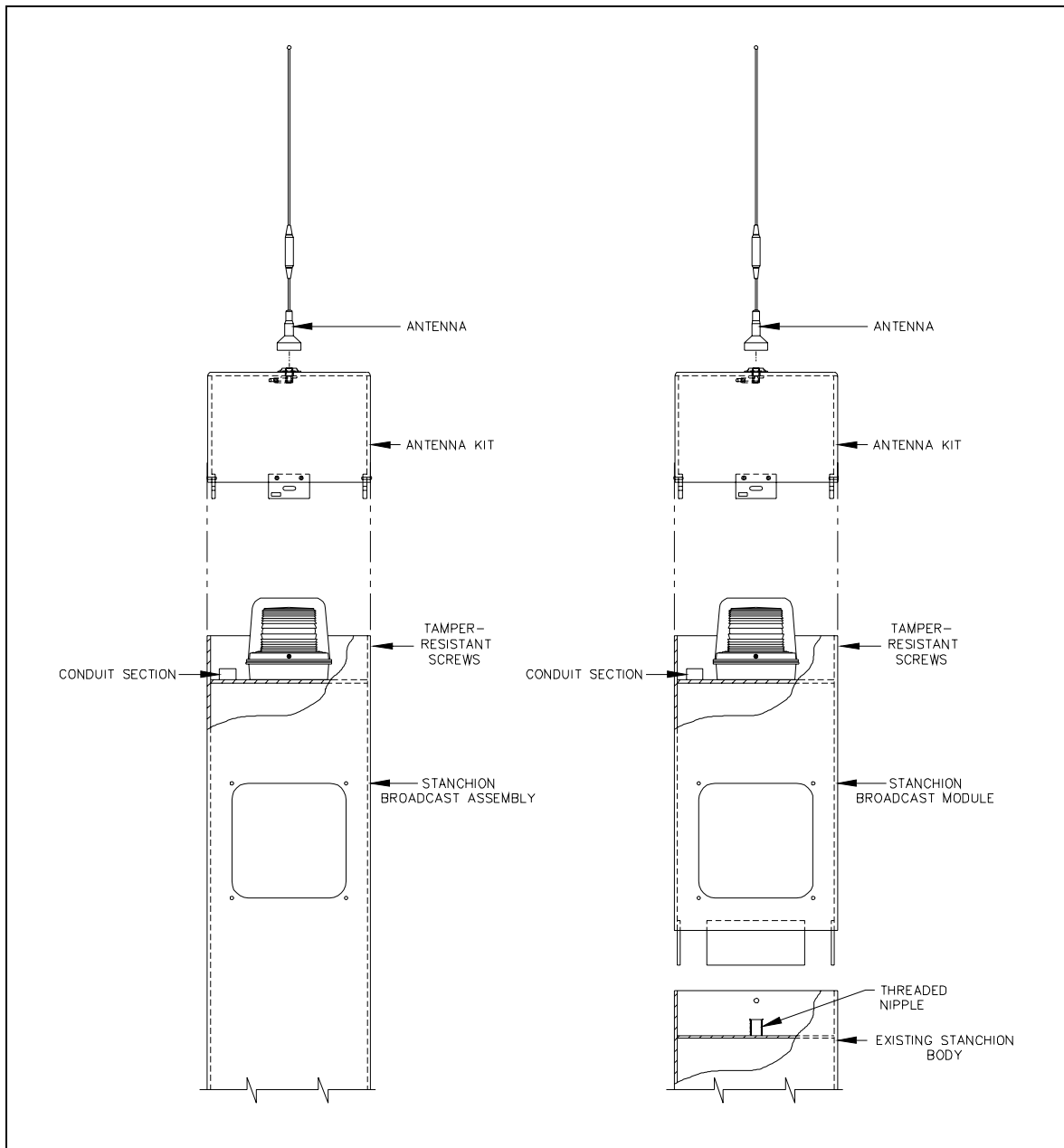


Figure 2.

Replacement Parts

Part Number	Description
GTRFP8585-021	Dual-Band Antenna, 150–174/450–470 MHz

Warranty

Equipment. GAI-Tronics warrants for a period of one (1) year from the date of shipment, that any GAI-Tronics equipment supplied hereunder shall be free of defects in material and workmanship, shall comply with the then-current product specifications and product literature, and if applicable, shall be fit for the purpose specified in the agreed-upon quotation or proposal document. If (a) Seller's goods prove to be defective in workmanship and/or material under normal and proper usage, or unfit for the purpose specified and agreed upon, and (b) Buyer's claim is made within the warranty period set forth above, Buyer may return such goods to GAI-Tronics' nearest depot repair facility, freight prepaid, at which time they will be repaired or replaced, at Seller's option, without charge to Buyer. Repair or replacement shall be Buyer's sole and exclusive remedy. The warranty period on any repaired or replacement equipment shall be the greater of the ninety (90) day repair warranty or one (1) year from the date the original equipment was shipped. In no event shall GAI-Tronics warranty obligations with respect to equipment exceed 100% of the total cost of the equipment supplied hereunder. Buyer may also be entitled to the manufacturer's warranty on any third-party goods supplied by GAI-Tronics hereunder. The applicability of any such third-party warranty will be determined by GAI-Tronics.

Services. Any services GAI-Tronics provides hereunder, whether directly or through subcontractors, shall be performed in accordance with the standard of care with which such services are normally provided in the industry. If the services fail to meet the applicable industry standard, GAI-Tronics will re-perform such services at no cost to buyer to correct said deficiency to Company's satisfaction provided any and all issues are identified prior to the demobilization of the Contractor's personnel from the work site. Re-performance of services shall be Buyer's sole and exclusive remedy, and in no event shall GAI-Tronics warranty obligations with respect to services exceed 100% of the total cost of the services provided hereunder.

Warranty Periods. Every claim by Buyer alleging a defect in the goods and/or services provided hereunder shall be deemed waived unless such claim is made in writing within the applicable warranty periods as set forth above. Provided, however, that if the defect complained of is latent and not discoverable within the above warranty periods, every claim arising on account of such latent defect shall be deemed waived unless it is made in writing within a reasonable time after such latent defect is or should have been discovered by Buyer.

Limitations / Exclusions. The warranties herein shall not apply to, and GAI-Tronics shall not be responsible for, any damage to the goods or failure of the services supplied hereunder, to the extent caused by Buyer's neglect, failure to follow operational and maintenance procedures provided with the equipment, or the use of technicians not specifically authorized by GAI-Tronics to maintain or service the equipment. **THE WARRANTIES AND REMEDIES CONTAINED HEREIN ARE IN LIEU OF AND EXCLUDE ALL OTHER WARRANTIES AND REMEDIES, WHETHER EXPRESS OR IMPLIED BY OPERATION OF LAW OR OTHERWISE, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

Return Policy

If the equipment requires service, contact your Regional Service Center for a return authorization number (RA#). Equipment should be shipped prepaid to GAI-Tronics with a return authorization number and a purchase order number. If the equipment is under warranty, repairs or a replacement will be made in accordance with the warranty policy set forth above. Please include a written explanation of all defects to assist our technicians in their troubleshooting efforts.

Call 800-492-1212 (inside the USA) or 610-777-1374 (outside the USA) for help identifying the Regional Service Center closest to you.