

# Model ANT 029

Rack Mountable Remote Antenna

MANUAL AND USER GUIDE



## Overview

The ANT 029 is a 75 Ohm rack mountable remote antenna designed for 72-76 MHz operation. It is intended for use with Williams Sound FM transmitters (i.e. PPA T35, PPA T27).

## Contents

- 1 - Rack Mount Bracket Assembly
- 1 - ANT 021 Rubber Duckie Antenna with Swivel F-Connector
- 1 - WCA 086 Coax Cable, 3', F-Connector
- 2 - #10-32 Screws and Nylon Washers
- 1 - Manual

## Recycling Instructions



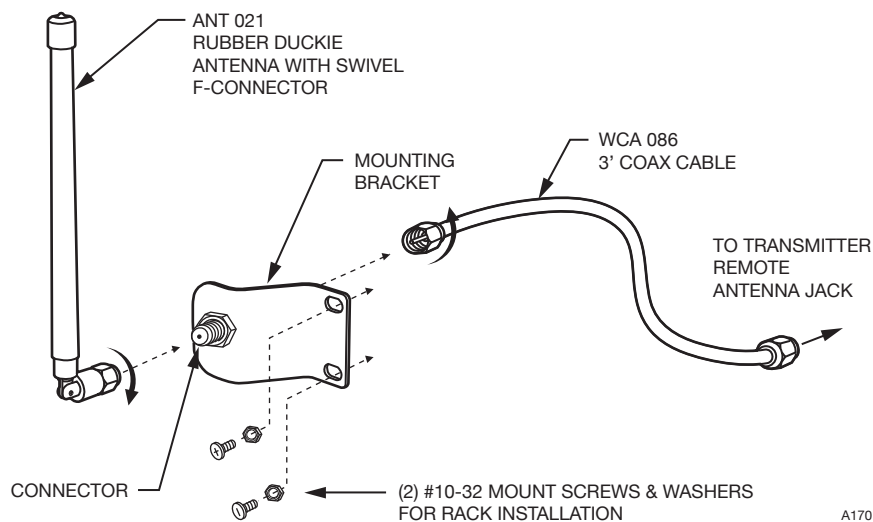
Help Williams Sound protect the environment! Please take the time to dispose of your equipment properly.

### Product Recycling



Please do NOT dispose of your Williams Sound equipment in the household trash. Please take the equipment to an electronics recycling center; OR return the product to the factory for proper disposal.

Figure 1: ANT 029 Assembly



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## ANT 029 Assembly & Installation Procedure

1. Select a mounting location for the ANT 029 Remote Antenna. The ANT 029 can be mounted on an audio rack, wall, corner, or behind a wooden beam. If possible, avoid placing the antenna within four feet of steel beams. Metal studs, ductwork, and foil-backed insulation can absorb radio energy, reducing the range of the system.
2. If installing on wall or other surface, use mounting bracket as a template to mark position of mounting holes. Use appropriate wall anchors and screws as necessary (not included).
3. Thread the ANT 021 rubber duckie on to the connector of mounting bracket (see figure 1). Turn the F-connector on the ANT 021 clockwise by hand until connection is tight.
4. Thread one end of the WCA 086 3' coax cable on to the back of the assembled bracket-antenna unit. Use fingers only to tighten.
5. Use provided #10-32 screws and washers to mount bracket-antenna assembly on to audio rack; alternatively, use wall anchors and screws (not included) to mount bracket-antenna assembly on to marked wall/surface area. Make sure bracket-antenna assembly is secure.
6. Attach other end of WCA 086 3' coax cable to the F-Connector "Antenna" jack on the Williams Sound 72-76 MHz transmitter (i.e. PPA T35, T27). Use fingers only to tighten.

**NOTE: Do not bend coax cable sharply at any point. The ANT 021 rubber duckie antenna should be vertical for best performance, and to comply with FCC rules.**

## Warranty

The ANT 029 rack mountable remote antenna is covered by a 90 day warranty. If you experience difficulty with your antenna, call toll-free for customer assistance:

**1-800-843-3544 (U.S.A.) or 1-952-943-2252 (Outside the U.S.A.)**

If it is necessary to return the system for service, your customer service representative will give you a Return Authorization Number (RA) and shipping instructions.