

# UPA-55 VHF/UHF RF Power Amplifier



Broadcasts 25 or 50 Watts in AM or FM

Full control from front of unit

Lightweight, rugged and easy to use in  
challenging environments

Operates at full power into a >3:1 VSWR

## Overview

The UPA-55 Amplifier provides extra power to URC-200 or URC-200 (V2) Line-of-Sight (LOS) Radios to meet specific mission needs. This user-friendly amplifier broadcasts up to a full 50 watts in AM or FM in the VHF (115-174 MHz) and UHF (225-420 MHz) bands in AM, FM, FSK or continuous wave (CW) modulations.

While offering excellent harmonic and spurious frequency rejection with an extremely low noise floor, the UPA-55 operates in the most challenging LOS environments on land, in the air, and at sea. This rugged piece of equipment is able to withstand humidity, fungus, altitude, shock, dropping and vibration, and has demonstrated a Mean-Time-Between-Failure (MTBF) rate averaging 10,000 hours.

Measuring less than 400 cubic inches, the entire package is lightweight and designed to meet MIL-STD-461 for emissions. All controls are conveniently located on the front of the device for ease of use, with only an emergency reset button on the back.

Dependable and user-friendly, UPA-55 Power Amplifiers are an essential accessory to the URC-200 or URC-200 (V2) LOS Radios for faster installation and longer product life.

