

## Features and Benefits

The **Gamma 3000** delivers 3,000 watts of power in a single box. This transmitter is quick and easy to install.



The Gamma 3000 features an extremely compact footprint without sacrificing maintainability. 1,250 watt hot pluggable power amplifier modules keep the GAMMA reliable and coupled with the hot pluggable power supplies ensures you stay on air making maintenance a breeze. The power amplifiers and power supplies are independently operated and removable from the front of the unit while it is installed. They are load sharing so whether you remove a power amplifier and/or a power supply, the unit is still operational at reduced power. The minimal 25 watts of drive required can be provided with the optional PTEK FM25ES exciter.

The Gamma 3000 is specifically designed to answer customer demand for a small, highly dependable transmitter that is economical to purchase, quick to get on air, and easy to maintain.

The Gamma 3000 incorporates technology developed for demanding airborne applications requiring stringent operational reliability and standards.

Simply put - the Gamma 3000 is the most compact - fastest to install and put on air - easiest to maintain, and most affordable 3000 watt transmitter available today!

## Key Features

- Three - 1,250 watt hot pluggable power amplifier modules
- Hot Pluggable Power Supplies
- High gain - only requires 25 watts of drive power
- 25 watt exciter optional
- Front panel metering & diagnostics via LCD display
- High power fans for maximum cooling

### ALSO INCLUDED

- 3 Year Warranty
- Remote Control Interface
- LED status on each PA
- VSWR fold back
- Harmonic Filter
- Wide range, single phase
- Power Factor corrected PSU

## Technical Specifications

Frequency Range: 87.7—108 MHz

Audio Input Impedance: 600 Ohms

Audio Input Level (composite): -10 dBm

Audio Input Level R & L Stereo: -10 dBm

Pre-emphasis: 50 or 75  $\mu$ S

Harmonic Distortion: <0.15% max.

Signal to Noise Ratio: >80 dB RMS

RF Output Impedance: 50 Ohms

Harmonic Attenuation: >-70 dB

Power Requirements: 208 to 264 VAC

Output Connector: 7-16 DIN, 50 Ohms

Frequency Response (composite): 20 Hz-15(90) KHz

Input Drive Required: 25 watts (FM25ES)

RF Power Output: 300 W – 3050 W

Dimensions and Packed Weight: 19" x 24" (deep) by 4RU; 88 lbs

### DESIGNED FOR QUICK INSTALLATION

The Gamma 3000 is simple and quick to install. This is the perfect answer to broadcasters' requests for ease of maintenance.

### COMPACT DESIGN

3,000 watts of power in a single box. The system is a mere 4RU weighing only 60 pounds thereby reducing shipping costs.