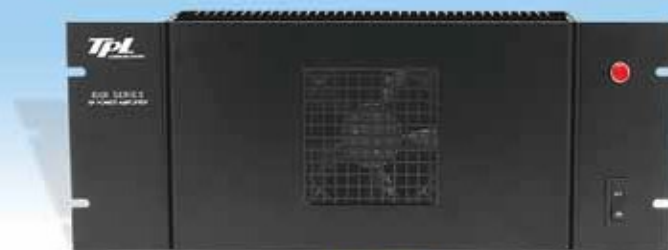


# RF POWER AMPLIFIERS



**RXRF-PS**



**RXRF**

PA3-1FE-RXRF

10-50W

40-125W

18 Amps

The RXR Series amplifiers are our most popular cost effective, continuous duty power amplifiers. This rack-mountable unit will accept any TPL amplifier from VHF Low Band through 960 MHz, with output levels up to 125 watts. All configurations use 7" of vertical rack space and are designed with a flat front panel allowing for installation into a cabinet leaving sufficient room for airflow with the door closed. These amplifiers have a circuit breaker/ on-off switch conveniently located on the front panel and can be supplied with or without a switching power supply. This series is the most versatile unit of its type on the market today.

## SPECIFICATIONS

|             |   |
|-------------|---|
| Power Input | Standard TPL amplifier input levels, optional 10mW or less. |
|-------------|---|

|              |                  |
|--------------|------------------|
| Power Output | 50 to 125 watts. |
|--------------|------------------|

|             |   |
|-------------|---|
| Frequencies | VHF Low Band, VHF High Band, UHF, 806-960 MHz |
|-------------|---|

|         |  |
|---------|--|
| Voltage | 13.8 VDC, 120 or 240 VAC (24 VDC or 48 VDC available). |
|---------|--|

|         |                  |
|---------|------------------|
| Current | Model dependent. |
|---------|------------------|

|                      |                                   |
|----------------------|-----------------------------------|
| Harmonic Attenuation | Exceeds FCC and IC specifications |
|----------------------|-----------------------------------|

|               |                  |
|---------------|------------------|
| RF Connectors | Type N, 50 Ohms. |
|---------------|------------------|

|                       |                       |
|-----------------------|-----------------------|
| Operating Temperature | -30 to +50 degrees C. |
|-----------------------|-----------------------|

|            |                    |
|------------|--------------------|
| Duty Cycle | Continuous (100%). |
|------------|--------------------|

|        |                                  |
|--------|----------------------------------|
| Weight | 7 lbs., 14 lbs., w/power supply. |
|--------|----------------------------------|

|            |   |
|------------|---|
| Dimensions | 19" W x 7" H x 3" D (without fan), 19" W x 7" H x 5" D (with fan). 8" D w/power supply. |
|------------|---|

## FEATURES

- Accommodates all bands from 29.7 MHz to 960 MHz.
- 100% duty cycle operation.
- Repeater or base station operation (with solid state bypass relay option).
- 19" rack mountable configuration.
- Available with or without self-contained switching power supply.
- Front panel circuit breaker/on-off switch.
- Flat front panel allows for cabinet door closure.
- Optional provision for battery backup.
- Cost effective design.

**SYSCOM®**