

RXR SERIES

The RXR Series amplifiers are our most popular cost effective, continuous duty power amplifiers. This package 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.

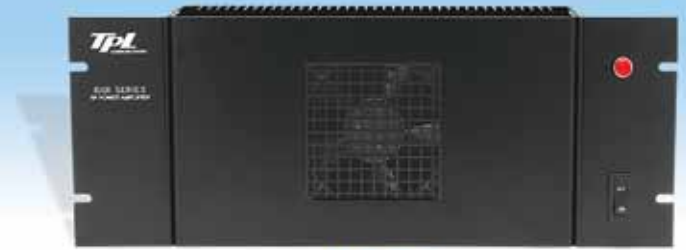
FEATURES

- 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.

RF POWER AMPLIFIERS



RXRF-PS



RXRF

MODEL		POWER IN	POWER OUT	CURRENT DRAIN
VHF Low Band 29.7-50 MHz				
All VHF Low Band Units with the exception of the PA1-1AC and PA1-1AC3 are available in three different sub-bands (L=29.7 - 36MHz) (M=36 -42MHz) (H=42-50MHz)				
PA1-1AC-RSF	+/-1 MHz Bandwidth	1-4W	1-4W	8 Amps
PA1-1AC3-RSF	+/-1 MHz Bandwidth	2-8W	2-8W	8 Amps
PA1-1AE-RXRF		2-4W	60-100W	16 Amps
PA1-1BE-RXRF		4-8W	60-100W	16 Amps
PA1-1CE-RXRF		8-16W	60-100W	16 Amps
PA1-1DE-RXRF		20-40W	60-100W	16 Amps
PA1-1FE-RXRF		40-60W	60-100W	16 Amps
VHF Mid Band 66-88 MHz (For export only - Not FCC or IC Certified)				
PA2-1AD-RXRF		1-4W	60-100W	14 Amps
PA2-1CD-RXRF		5-25W	40-100W	14 Amps
AERONAUTICAL BAND 118-137 MHz				
**PA3-2AB-AIR-RXRF		1-5W CW	25 W CW/100 W PEP	
**PA3-2AC-AIR-RXRF		1-5W CW	50 W CW/100 W PEP	
VHF High Band 136-174 MHz				
PA3-1AC-RSF		1-5W	15-60W	10 Amps
PA3-1BC-RSF		2-10W	15-60W	10 Amps
PA3-1AE-RXRF		1-5W	40-125W	18 Amps
PA3-1BE-RXRF		2-10W	40-125W	18 Amps
PA3-1DE-RXRF		5-25W	40-125W	18 Amps
PA3-1FE-RXRF		10-50W	40-125W	18 Amps
**PA3-2FF-RXHF3		8-15W	150-250W	18 Amps
**PA3-2GF-RXHF3		30-60W	150-250W	18 Amps
UHF Band 380-512 MHz				
All UHF units are available in two different sub-bands (M=400-470 MHz) (H=470-512 MHz)				
PA6-1AC-RSF		1-5W	15-60W	10 Amps
PA6-1BC-RSF		2-10W	15-60W	10 Amps
PA6-1AE-RXRF		1-5W	40-110W	18 Amps
PA6-1BE-RXRF		2-10W	40-110W	18 Amps
PA6-1DE-RXRF		5-25W	40-110W	18 Amps
PA6-1FE-RXRF		10-50W	40-110W	18 Amps
UHF High Band 806-960 MHz				
PA8-1AA-RSF		1-3W	10-20W	5 Amps
PA8-1AB-RSF		1-3W	10-40W	10 Amps
*PA8-1ED-RXRF		50mW-1W	40-80W	20 Amps
PA8-1AD-RXRF		1-5W	40-80W	16 Amps
PA8-1BD-RXRF		2-10W	40-80W	16 Amps
PA8-1DD-RXRF		4-20W	40-80W	16 Amps
**PA8-2EF-RXRF		50mW-1W	60-125W	14 Amps
**PA8-2AF-RXRF		1-4W	60-125W	12 Amps
**PA8-2BF-RXRF		2-8W	60-125W	12 Amps
**PA8-2DF-RXRF		4-15W	60-125W	12 Amps

*Input level must be specified at time of order.

**Operates off 28 VDC.