

## KLM RF Power Amplifiers



- A simple, add-on-immediately RF amplifier.
  - Merely coax-connect amplifier between antenna and transceiver.
  - No tuning! Efficient strip-line broad band design.
  - Automatic! Internal RF-sensor-controlled relay connects amplifier whenever transmitter is switched on.
- Highest quality, American-made "brand" transistors are fully protected for VSWR, short and overload, reverse polarity. Highly effective heat sinking assures long

Manual, remote-position switching is optional.

- Models for 6, 2, 1 1/4 meters, 70CM amateur bands plus MARS coverage.
  - Two types: **Class C** for FM/CW. **Linear** for SSB/AM/FM/CW.
  - Negligible insertion loss on receive.
  - American made by KLM.
- life, reliable performance. Black anodized containers...exclusive KLM extrusions, have seven, full length fins on both sides!

FREQ. (MHz)	MODEL NUMBER	PWR INP. (watts)	NOM. PWR OUT. (watts)	NOM. CUR. (amps) †	SIZE	PRICE
50-54	PA4-80AL	4	80	10A	C*	164.95
144-148	PA2-12B	1-4	12	2	A	59.95
	PA2-70B	1-4	70	10	C*	159.95
	PA2-70BL	1-4	70	10	C*	169.95
	PA2-140B	1-4	140	20	D	229.95
	PA10-40B	5-15	40	5	B	83.95
	PA10-40BL	5-15	40	5	B*	94.95
	PA10-70B	5-15	70	8	C*	139.95
	PA10-70BL	5-15	70	8	C*	149.95

FREQ. (MHz)	MODEL NUMBER	PWR INP. (watts)	NOM. PWR OUT. (watts)	NOM. CUR. (amps) †	SIZE	PRICE
144-148	PA10-80BL	5-15	80	10	C*	159.95
	PA10-140B	5-15	140	18	D*	199.95
	PA10-140BL	5-15	140	18	D*	215.95
	PA10-160BL	5-15	160	22	D*	229.95
	PA30-140B	15-45	140	15	D*	179.95
	PA30-140BL	15-45	140	15	D*	189.95
219-225	PA2-70BC	1-4	70	10	C*	169.95
	PA10-60BC	5-15	60	8	C	149.95
	PA30-120BC	15-45	120	15	D*	189.95

FREQ. (MHz)	MODEL NUMBER	PWR INP. (watts)	NOM. PWR OUT. (watts)	NOM. CUR. (amps) †	SIZE	PRICE
400-470	PA2-40C	1-4	40	7	C*	149.95
	PA10-35C	5-15	35	6	B*	119.95
	PA10-35CL	5-15	35	6	B*	139.95
	PA10-70C	5-15	70	13	D*	229.95
	PA10-70CL	5-15	70	18	D*	249.95

SIZES: inches: \*A. 2.25 x 5 x 2 \*B. 6.5 x 5 x 2 \*C. 6.5 x 7.5 x 2 \*D. 6.5 x 10 x 2  
MM: 57 x 127 x 50.8 165 x 127 x 50.8 165 x 190 x 50.8 165 x 254 x 50.8  
† LINEAR AMPLIFIER † At 13.5VDC.

## TEMPO



THE TEMPO 2020

- Phase lock-loop (PLL) oscillator circuit minimizes unwanted spurious responses.
- Hybrid Digital Frequency Presentation.
- Advanced Solid-state design...only 3 tubes.
- Built-in AC and 12 VDC power supplies.
- CW filter standard equipment...not an accessory.
- Rugged 6146-B final amplifier tubes.
- Cooling fan standard equipment...not an accessory.
- High performance noise-blanker is standard equipment...not an accessory.
- Built-in VOX and semi-break in CW keying.
- Crystal Calibrator and WWV receiving capability.
- Microphone provided.
- Dual RIT control allows both broad and narrow tuning.
- All band 80 through 10 meter coverage.
- Multi-mode USB, LSB, CW and AM operation.
- Extraordinary receiver sensitivity (.3u S/N 10 db) and oscillator stability (100 Hz 30 min. after warm-up)
- Fixed channel crystal control on two available positions.
- RF Attenuator.
- Adjustable ALC action.
- Phone patch in and out jacks.
- Separate PTT jack for foot switch.
- Built-in speaker.
- The TEMPO 2020...\$759.00.
- Model 8120 external speaker...\$29.95. Model 8010 remote VFO...\$139.00.

## TEMPO VHF/ONE PLUS



The Tempo/ONE PLUS offers full 25 watt output or a selectable 3 to 15 watt low power output, remote tuning on the microphone, sideband operation with the SSB/ONE adapter, MARS operation capability, 5 KHz numerical LED, and all at a lower price than its time tested predecessor... the Tempo VHF ONE.

The Tempo VHF/One Plus is a VHF/FM transceiver for dependable communication on the 2 meter amateur band • Full 2 meter coverage, 144 to 148 MHz for both transmit and receive • Full phase lock synthesized (PLL) • Automatic repeater split — selectable up or down • Two built-in programmable channels • All solid state • 800 selectable receive frequencies with simplex and +600 kHz transmit frequencies for each receive channel. Price: \$399.00

## ATLAS 350-XL



- ALL SOLID STATE
- 350 WATTS P.E.P. OR CW INPUT
- SSB TRANSCEIVER
- 10 THROUGH 160 METER COVERAGE



Illustrated with optional AC supply, Auxiliary VFO, and Digital Dial.

The all new Atlas 350-XL has all the exciting new features you want, plus superior performance and selectivity control never before possible. Price: \$995.00

### • 10-160 METERS

Full coverage of all six amateur bands in 500 kHz segments. Primary frequency control provides highly stable operation. Also included is provision for adding up to 10 additional 500 kHz segments between 2 to 22 MHz by plugging in auxiliary crystals.

### • 350 WATTS

P.E.P. and CW input. Enough power to work the world barefoot!

### IDEAL FOR DESKTOP OR MOBILE OPERATION

Measuring just 5 in. high x 12 in. wide x 12 1/2 in. deep, and weighing only 13 pounds, the Atlas 350-XL offers more features, performance and value than any other transceiver, regardless of size, on the market today!

- 350-PS matching AC supply — \$195.00
- DD-6XL plug-in digital dial readout \$195.00
- 305 plug-in auxiliary VFO — \$155.00
- 311 plug-in crystal oscillator — \$135.00
- DMK-XL plug-in mobile mounting kit — \$65.00



### TEMPO ONE AC/ONE VF/ONE

HF Transceiver. 80-10M. USB, CW & AM — \$399.00  
Power supply for TEMPO ONE — \$99.00  
External VFO for TEMPO ONE — \$199.00

### TEMPO SSB/ONE

SSB adapter for the Tempo VHF/One  
Selectable upper or lower sideband. • Plugs directly into the VHF/One with no modification. • Noise blanker built-in. • RIT and VXO for full frequency coverage. • \$225.00