

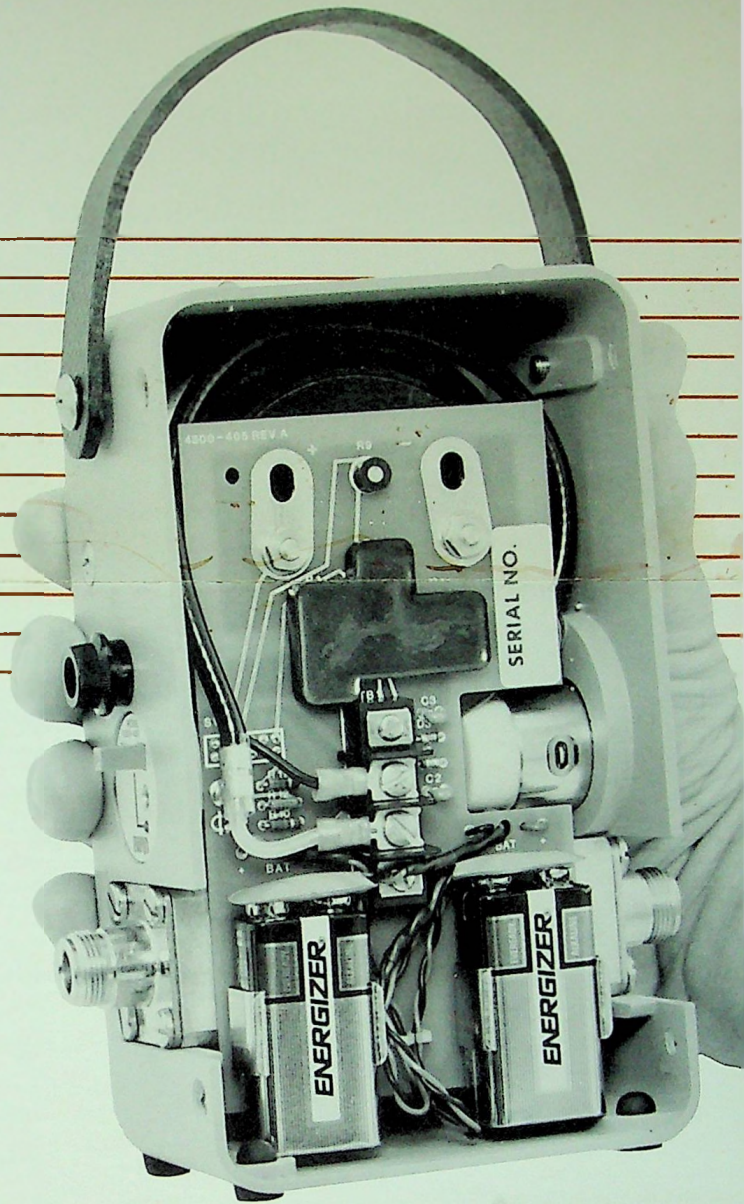
NEW!

Model 4300-400

Peak Power Measurement

Retrofit Kit for Bird

Model 43 Wattmeter



The new Bird Model 4300-400 Retrofit Kit enables you to modify any Model 43 Wattmeter ever built to measure peak RF power of SSB, AM, and limited pulse signals.

In as little time as 15 minutes, you can adapt your Model 43 Wattmeter to read true peak power output at $\pm 8\%$ of full scale accuracy. Now you are ready to make peak measurements on a minimum duty cycle of 2% with a repetition rate of 100 pps and a pulse width of 200 μ sec. minimum.

When the peak reading function is turned off, the Model 43 reverts back to being a regular Model 43 for CW measurement at its normal $\pm 5\%$ of full scale accuracy.

Built to industrial instrumentation standards, the Model 4300-400 Retrofit Kit provides long, dependable service.

Look at the many advantages of the Model 4300-400 Retrofit Kit that mean more value to you:

FEATURE

- Simple to install
- Long battery life — 48 hours
- Broad RF power and frequency range
- Built to industrial quality standards
- Standard Bird elements are used for peak

BENEFIT

- No special tools or expertise required
- Minimizes operational costs
- Covers multiple applications
- Provides long service life
- Ease to buy — call us for your nearest distributor

Simple to Install! A 15-minute job — and no soldering!

Accurate! New kit provides power readings for SSB, AM and limited pulse signals that are accurate to 8% of full scale readings.

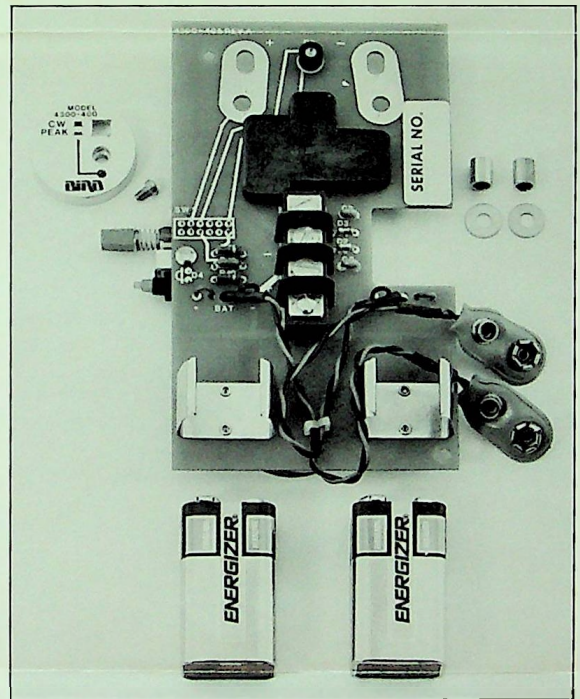
Long Service Life! Kit is built to industrial instrumentation standards.

Low Cost Operation! Batteries last for 48 hours of peak reading operation.

Light Weight! Retrofit Kit adds only 1 lb to your Bird Model 43 Wattmeter.

Specifications (as installed in Bird Model 43)

Frequency Range	450 kHz to 2.3 GHz (depending on element selection)
Power Range	100 mW to 10,000 W (depending on element selection)
Modulation (Peak Mode)	Normal voice audio; or Rectangular pulses Duty cycle 2% (min.) Repetition rate 100 pps (min.) Pulse width 200 μ sec. (min.)
Accuracy	CW mode — $\pm 5\%$ full scale Peak mode — $\pm 8\%$ full scale
Power Requirements	Two 9-V (NEDA type 1604) batteries
Battery Life	48 hours
Nominal Dimensions (pc board, including connectors)	3 $\frac{1}{16}$ " x 5 $\frac{5}{16}$ " (77.8 mm x 134.9 mm)
Weight	Adds 1 lb to Model 43



BIRD

Electronic Corporation

30303 Aurora Rd., Cleveland (Solon), Ohio 44139-2794
216-248-1200 TLX: 706898 Bird Elec UD FAX: 216-248-5426
WESTERN REGION OFFICE
Bird Electronic Corp.
621 W. Ojai Ave., Suite F
P. O. Box 28, Ojai, CA 93023 805-646-7255