

NEW PRODUCT RELEASE

FM - 30 B THRU-LINE FREQUENCY COUNTER



FEATURES:

- 500 Watts P.E.P. Max. RF Input.
- Two SO 239 connectors for transmitter thru-line input. Limits noise interference and readout instability.
- Bright red light emitting diodes for display.
- Resolution switch allows accurate tuning to 100 Hz.
- Floating decimal, eliminates guesswork.
- Instantaneous display update when changing frequencies.
- Stable crystal oscillator circuit.
- Low power consumption and reverse polarity protection.
- Positive or Negative ground operation.
- Reliable C-Mos. L.S.I. (Large scale integration) with proven performance.
- Black textured chassis with blackout front panel.
- Compact lightweight, designed for vehicle and base station use.*
- One year warranty parts and labor.
- 48 Hour Factory burn in assures reliability.

*Optional AC power pack Model #P.S. 110

SPECIFICATIONS:

- Frequency range 1 MHz to 40 MHz.
- Input impedance 50 ohms
- Input sensitivity less than 1 watt
- Max input power 500 watts P.E.P.
- Frequency stability ± 10 P.P.M. 10° - 40° c
- Accuracy ± 10 P.P.M. ± 1 count (L.S.D.**)
- Frequency resolution 1 KHz., 100 Hz.
- Gating speed012 sec. 1 KHz., .12 sec. 100 Hz.
- Power consumption 290 ma. @ 12 V.D.C.
- Input voltage 10 V. to 16V.D.C.
- Display Five digit 1/2" high seven segment light emitting diodes.

** (L.S.D.) Least significant digit

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Order yours today from your favorite "Secret CB" Distributor, Dealer, or order direct from your "Secret CB" Catalog - Item #111 & 111A.

FM - 30 B THRU-LINE FREQUENCY COUNTER

NEW!

We have just received the new DIGALOG FM-30B thru-line frequency counter and it looks like the folks at D.T.I. have done it again. The unit is small in size (same as DS 400) but big in performance. It features a bright red half inch high 5 digit LED READOUT with switchable 1 KHz/ 100 Hz. resolution. Using the optional AC Adapter, it can be used on your base station as well as your mobile.

The S0239's on the back provide for quick and easy hookup using standard PL259 connectors. Simply unscrew the antenna coax from your CB and reconnect to the ANT connector on the FM-30B. Then run a coax jumper from your CB antenna connector to the RADIO connector on the counter. Hook up the RED power lead to 10-16v.D.C. and ground the black wire and you are in business. Since this unit is only about 1½ inches thick, 5" wide and 5" deep it will fit almost anywhere your fancy dictates. No longer will you have to fumble with charts or cramped dials to find out what frequency you are on (and if you are in fact on frequency!) I wouldn't be suprised if you get spoiled and have to have one for every transceiver!

With a dead key, the FM-30B will show your carrier frequency. When you modulate the carrier, the frequency should show fluctuating random numbers. This can be used as an indication that your mike is working. On sideband, frequency can be measured by using a 1KC Tone or whistling a stable tone into the mike. D.T.I. suggest using a dummy load to prevent on the air interference when making tests.

Here is the set-up we use in our mobile.

