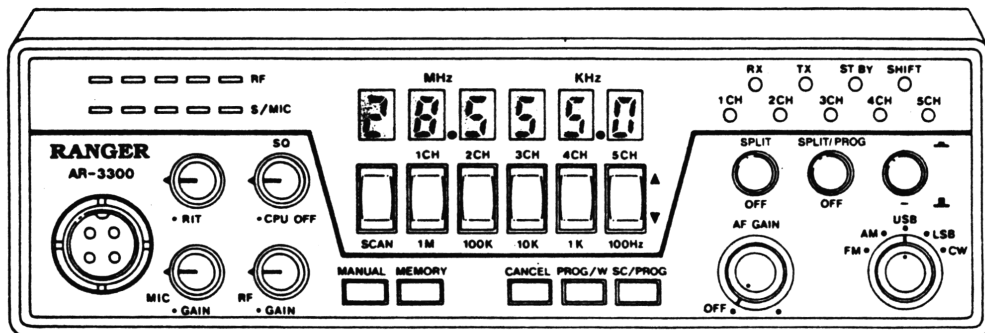


**FINALLY!** A company that is willing to work with SCB in providing information. The new RANGER AR3300 (Specs. below); very good unit; comes with schematic of main PCB. Microprocessor schematic/front panel is not given out for a very good reason (send back to factory as unit comes with a 1 Yr. Warranty). This is a definite "work-with-you-outfit", not one of these "gotcha Sucker" companies.

As most of you know Dynascan Corporation has a new line of "Plus" series on the market. Seven (?) "Ancient Mary" mobiles with up/down push buttons for channel selection? SCB has the dealer promo sheets but no other information has been received. (If you get them, we need.....)

## **CLEAR CHANNEL CORPORATION**



### PRELIMINARY DATA SHEET

The AR-3300 is an HF all-mode transceiver incorporating the latest microprocessor technology. The transceiver operates continuously from 28.0000-29.9999 MHz. The transceiver operates on 13.6VDC either mobile or base operation with proper power supply.

Frequency selection is entered through either the momentary

switches located below the frequency display or by automatic scanning. The scanner will stop whenever a signal appears that is strong enough to open the squelch. Frequency resolution is selectable in 100Hz, 1000Hz, 10,000Hz, or 100,000Hz steps.

Up to five preset frequencies may be stored in the computer's memory.

The AR-3300 can be programmed to split transceive. Transmit on one frequency and receive on another. This is accomplished by programming the shift controls. Any two frequencies within its operating frequency range may be used. The frequency display will automatically show both frequencies.

#### General

Frequency Range: 28.0000-29.9999\*  
 Modes: AM, FM, LSB, USB, and CW  
 Speaker: 8 Ω  
 Microphone: Dynamic 600 Ω (OHM)  
 Power: 13.8V D.C.  
 Antenna IMP: 50 Ω  
 Size: H60 x W197 x D279mm  
 2-3/8 x 7-3/4 x 11

#### Receiver

Dual Conversion Superhetrodyne  
 Sensitivity: AM 1uV @ 10dB S/N  
 FM 1uV @ 10dB S/N  
 SSB 0.3uV @ 10dB S/N  
 Selectivity: AM/FM 6KHz 6dB Down  
 @ ± 3KHz ± 9KHz - 60dB Down  
 SSB 2.2KHz @ 6dB Down  
 AF 10dB Down RF - 80  
 AGC: 2 Watts 10%  
 Audio Output: 1st 10.895MHz 2nd 455KHz  
 IF Frequency:

#### Transmitter

SSB Output: 25 Watts PEP  
 SSB Carrier Suppression: - 40dB  
 Unwanted SSB Suppression: - 50dB  
 Harmonic Suppression: - 50dB  
 AM/FM Output: 8 Watts  
 Deviation: ± 1.5KHz  
 Modulation Capability: 85%  
 Harmonic Suppression: - 50dB  
 IMD: - 30dB  
 ALC (Auto Level Control): 20dB