



## An economical four-band scanner in a handsome wood material cabinet.

The Bearcat® 8 covers all public service bands: Low VHF, High VHF, UHF, UHF-T and the amateur (Ham) frequencies. A total of eight frequencies can be monitored at one time with a scan rate of 20 channels per second.

Channels being monitored are indicated by light emitting diodes, rather than light bulbs. And each channel features an individual lock-out switch so frequencies not of current interest can be "skipped".

Frequency coverage by the *Bearcat 8* is

unique in the industry because of Electra's patented track-tuning system. The receiver automatically aligns itself so that circuits are always "peaked" for any transmission. Most competitive scanners peak only at the center of each band, thus missing important frequencies (such as those used by news reporters) at the extreme ends of the band.

Other *Bearcat 8* features include a single electronically switched antenna, quartz crystal filter, and a wood material cabinet.



# Bearcat® 8



## Bearcat® 8 Features

- **4 Band Coverage**—Includes Low, High, UHF and UHF-“T” public service bands plus amateur (Ham) band.
- **8 Channels**—Monitors up to 8 frequencies at a time, any of the more than 6,000 assigned to public service agencies by the FCC.
- **20 Channel Per Second Scanning**—Faster scanning means fewer “missed” calls.
- **Patented Track Tuning**—Receive frequencies across the full band without adjustment. Circuitry is automatically aligned to each frequency.
- **Single Electronically Switched Antenna**—Single antenna provides optimized reception without need for the long low band antenna.
- **Quartz Crystal Filter**—Use of expensive components assures that adjacent stations and similar interference are rejected.
- **Light Emitting Diodes**—Light up faster and last longer than light bulbs.
- **Individual Lock-Out Switches**—Lock-out channels and skip frequencies not of current interest.
- **Single Manual/Scan Switch**—Change from automatic scanning to manual channel selection with the flick of a switch.
- **Front Mounted Speaker**—Sound is directed to the listener for maximum clarity.
- **Wood Material Cabinet**—Provides natural beauty for any decor.
- **UL Listing**—Independent testing and approval assures confidence in Bearcat safety.

Certified to be in compliance with part 15 of FCC regulations.

## Bearcat® 8 Specifications

| Frequency Reception Range |              |
|---------------------------|--------------|
| Low Band                  | 33– 48 MHz   |
| “Ham” Band                | 146– 148 MHz |
| High Band                 | 148– 174 MHz |
| UHF Band                  | 450– 470 MHz |
| “T” Band                  | 470– 512 MHz |

**Size**  
7" W x 3½" H x 9" D

**Weight**  
4 lbs.

**Power Requirements**  
117V ac 10W

**Audio Output**  
2.5W rms

**Antenna**  
Telescoping (Supplied)

**Sensitivity**  
6μv for 20 db s/n ratio on L & H Bands  
1μv for 20 db s/n ratio on U & T Bands

**Selectivity**  
Better than –45 db @ ± 25 Kc

**Scan Rate**  
20 channels per second

**Connectors**  
External antenna

**Front Panel Features**  
Squelch control  
Volume off/on control  
Combined man/scan channel select switch  
8 channel lock-out switches  
Light emitting diode channel indicators  
3" x 5" front-mounted speaker

## Bearcat® Crystals

To insure customer satisfaction, always recommend only Bearcat A-135 crystals. Radio reception can be no better than the lowest performing component in the system. Bearcat crystals have been designed specifically to match the quality and high performance standards of Bearcat Scanners. The use of less expensive, substitute crystals can result in poor sensitivity, distortion, microphonics and other problems.

## Toll Free Frequency Information

Call Betty Bearcat for up-to-date information on all the “active” frequencies in your market. Find out the fastest moving crystals in your area. Eliminate unnecessary inventory. Maximize profits. Simply dial direct any working day, 8 A.M. to 5 P.M. E. S. T.

800-428-2326 (In Indiana, call 800-382-2072)

## The Complete Bearcat Line of Scanners

| Bearcat Model                   | 6        | Hand Held | III      | 8        | IV       | 101      |
|---------------------------------|----------|-----------|----------|----------|----------|----------|
| <b>Features</b>                 |          |           |          |          |          |          |
| Interchangeable Modules         | —        | —         | yes      | —        | —        | —        |
| Track Tuning                    | yes      | —         | yes      | yes      | yes      | yes      |
| Electronically Switched Antenna | yes      | —         | yes      | yes      | yes      | yes      |
| Single Man./Scan Switch         | —        | yes       | yes      | yes      | yes      | yes      |
| Light Emitting Diodes           | yes      | yes       | yes      | yes      | yes      | yes      |
| <b>Frequency Bands</b>          |          |           |          |          |          |          |
| 30-50 MHz Low VHF               | yes      | yes       | yes      | yes      | yes      | yes      |
| 146-148 MHz “Ham”               | yes      | —         | yes      | yes      | yes      | yes      |
| 148-174 MHz High VHF            | yes      | yes       | yes      | yes      | yes      | yes      |
| 416-450 MHz UHF Gov’t.          | —        | —         | —        | —        | —        | yes      |
| 450-470 MHz UHF                 | —        | yes       | yes      | yes      | yes      | yes      |
| 470-512 MHz UHF-T               | —        | yes       | yes      | yes      | yes      | yes      |
| <b>Specifications</b>           |          |           |          |          |          |          |
| Bands                           | 2        | 2         | 1 or 2   | 4        | 4        | 5        |
| Channels                        | 6        | 4         | 8        | 8        | 8        | 16       |
| Power                           | AC       | DC        | AC/DC    | AC       | AC/DC    | AC       |
| Audio Output (rms)              | 1.5W     | .3W       | 2.5W     | 2.5W     | 2.5W     | 3.0W     |
| Operation                       | crstl.   | crstl.    | crstl.   | crstl.   | crstl.   | syn.     |
| <b>Suggested Retail Price</b>   | \$119.95 | \$129.95  | \$139.95 | \$159.95 | \$179.95 | \$349.95 |



**Electra** Company  
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