



The finest crystal scanner ever offered by Bearcat.[®]

Your customers can't buy a better crystal scanner. The new Bearcat 12 has more features, more channels, more controls—for greater listening enjoyment. It monitors five bands: low and high VHF, UHF, the "T" band and the fascinating amateur "Ham" frequencies between 146 and 148 MHz. It scans 10 channels—the most ever for a Bearcat crystal scanner. It offers exciting new features such as scan delay which permits the monitoring of both sides of 2-way conversations when they are on the same frequency. Variable scan rate allows the user to regulate the scanning speed. Mobile telephone tone by-pass means the Bearcat 12 locks only onto conversations for less wasted scanning time. Automatic squelch eliminates manual adjustment.

The Bearcat 12 looks as good as it performs. Die cast, chrome front with raised and polished graphics will last a lifetime and never chip, peel or lose its attractive appearance.

The Bearcat 12 naturally has the standard features that have made Bearcat the leading name in scanners. Track tuning provides full band coverage on every band for more reception. Single electronically switched antenna eliminates long low band antenna. Quartz crystal filter rejects adjacent stations and noise interference. Other Bearcat features include AC/DC power, both speaker and jacks, front mounted speaker, plus many more that make the Bearcat 12 the best value in crystal scanners ever from Electra.



Bearcat[®] 12

Bearcat® 12



Bearcat® 12 Features

- **5 bands**—Covers Low, VHF, UHF, T and Ham.
- **10 Channels**—Monitor ten local action-packed frequencies.
- **Scan Delay**—Listen to both ends of conversation when calls and answers are on the same frequency.
- **Variable Scan Rate**—Set scanning speed to the rate best suited for you.
- **Two-Way Squelch**—Manual adjustment not necessary.
- **Individual Lock-Out Switches**—Hear only what is of current interest.
- **Track Tuning Circuitry**—Patented by Bearcat. Hear more on each band.
- **Tone By-Pass**—Scanning is not interrupted by mobile telephone tone signal.
- **Front Mounted Speaker**—Sound is directed toward listener for maximum clarity.
- **AC/DC**—Use at home or in authorized vehicles.
- **External Speaker Jack**—Allows the addition of a remote speaker.
- **Tape Jack**—Plug in accessories.
- **UL Listed and FCC Certified**—Be sure of proper design and manufacture.

Bearcat® 12 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
9½" W x 3½" H x 7½" D

Weight
5½ lbs.

Power Requirements
117V ac 12W; 13.8V dc, 6W

Audio Output
1.5W rms

Antenna
Telescoping (Supplied)

Sensitivity
0.6µv for 20 dB SINAD on L & H Bands—U bands slightly less

Selectivity
Better than -45 dB @ ± 25 KHz

Scan Rate
Variable up to 20 channels per second

Connectors
External antenna; External speaker; AC/DC Power; Tape jack

Front Panel Features
Two-way squelch control
Volume off/on control
Single man/scan switch
10 channel lock-out switches
Light emitting diode channel indicators

3½" front-mounted speaker
Variable scan speed control
Scan delay switch

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.

The Complete Bearcat® Line of Scanners

Bearcat® Model	Hand Hold	Four- Six	III	12	210	220	250
Features							
Interchangeable Modules	—	—	yes	—	—	—	—
Block Tuning	—	yes	yes	yes	yes	yes	yes
Single Antenna	yes	yes	yes	yes	yes	yes	yes
Single Man/Scan Switch	yes	yes	yes	yes	—	—	—
Light Emitting Diodes	—	—	—	—	—	—	—
Decimal Display	—	—	—	—	yes	yes	yes
Frequency Bands							
30-50 MHz Low VHF	yes	yes	yes	yes	yes	yes	yes
118-136 MHz Aircraft	—	—	—	—	—	yes	—
146-148 MHz "Ham"	—	—	yes	yes	yes	yes	yes
148-174 MHz High VHF	yes	yes	yes	yes	yes	yes	yes
420-450 MHz UHF Gov't	—	—	—	—	yes	yes	yes
450-470 MHz UHF	yes	yes	yes	yes	yes	yes	yes
470-512 MHz UHF-T	yes	yes	yes	yes	yes	yes	yes
Specifications							
Bands	2	4	1 or 2	5	6	7	6
Channels	4	DC	8	10	10	20	50
Power	DC	AC/DC	AC/DC	AC/DC	AC/DC	AC/DC	AC/DC
Audio Output (rms)	0.3W	0.3W	2.5W	2.0W	2.0W	2.0W	2.0W
Operation	cont.	cont.	cont.	cont.	syn.	syn.	syn.



Electra

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