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Welcome to Scanner Master's Uniden Bearcat ® Scanner Toolkit.

By Richard Barnett

HOLLISTON, MA - Welcome to Scanner Master's Uniden Bearcat ® Scanner Toolkit. This PDF document will be an ever-growing compilation of tips, techniques, worksheets and resources for Bearcat scanner owners to help you get the most out of your scanners.

As the nation's largest independent scanner dealer, and having been in business for over 35 years, we've often been asked, "who uses scanners?". The answer is simple really, it's everyone and anyone that's interested in the ongoing life of their community – from everyday citizens, to the news media, to public safety agencies listening to their counterparts in the neighboring city.

Scanners are most often used to monitor local police and fire radio communications. The first police radio systems back in the 1930s were simply AM broadcast stations at the top of the dial and just about anyone could tune into them. They were one-way communications, from a dispatcher to all the cars. That's how many early hobbyists got hooked. Gradually more advanced radio systems from Motorola and other manufacturers became available to police and fire departments and you had to be a Ham radio operator to listen. Each police department that used one of these new radio were assigned by the Federal Communications Commission (FCC) a distinct radio frequency that was theirs to use in their area -- similar to your local FM station on 106.7 or 1030 AM. Soon, particularly in the 40s and 50s, you could find tunable radios, similar to a shortwave radio but covering a higher VHF frequency band between 30-50 MHz or 150-174 MHz, to listen to the police.

Then in the 1960s something special happened. Different groups of engineers, particularly one from a small company called Electra, the forerunner of today's Bearcat, came up with the idea of "scanning" different police and fire radio frequencies. Since public safety broadcasts are not continuous, but intermittent, it made sense that you would want to sample each channel to see if there was activity and if not move on to check the next channel. The radios had 4 or 8 "crystal" channel positions and they "scanned" them. That was really the start of the scanner industry. Interest exploded in the 1970s in the hobby and in the business with many manufacturers getting into the game. Eventually the technology became so advanced that it became more expensive to develop and manufacture the equipment and only a couple manufacturers were left standing.

There's lots more you can learn about the history of scanners and Scanner Master has been creating the National Police Scanner Museum at its offices in Holliston, MA. It's still a work in progress but next time you're in the Boston to Providence area, please stop by to see how we're coming along and stay tuned for more information, tips and techniques for your present-day scanner models.

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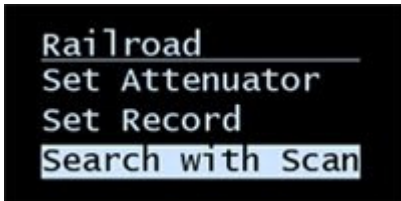## Inside the Police Scanner Tool Kit

Uniden "Search With Scan" Feature
By Jonathan Higgins

One feature that I find fascinating, and is available on the following Uniden models: BC246T, BC346XT, BR330T, BCT15, BCD396XT and, BCD996T is the Search With Scan. With this feature, you can run a service search or custom search as your scanner is scanning. You can set up the search in one of your available systems.

Most Uniden Scanners have the following Service Searches:

Public Safety, News. HAM Radio, Marine, Railroad, Citizen Band, FRS/GMRS, Racing and Military Air

You also have the option of making 10 your own custom searches

I like monitoring railroad communications. On long road trips I turn on this feature, so my scanner will be searching all railroad frequencies, while it's scanning whatever else I have programmed.

In the photo above is the Mass Coastal GP9u 2007 sitting in Taunton, MA

Below are step by step instructions:

Step 1 – Go into the menu
Step 2 – Select "Search for"
Step 3 – Select "Edit Service" or "Edit Custom"
Step 4 – Select the search you want
Step 5 – Select "Search with Scan"
Step 6 – Select "Set Quick Key"
Step 7 – Select a System quick you have available 1 – 99
Step 8 – Select "Set Lockout"
Step 9 – Select "Unlocked"
Step 10 – Hit "Scan"

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Product Test:
Uniden 4" External Speaker
By Jonathan Higgins

Do you have your eyes set on new base/mobile scanner? If you're installing any base/mobile scanner in your car, trunk, home or office, please check out the Uniden 4" External Speaker. I have tried many speakers in my almost 20 years in this hobby and I have found this speaker to be one of the best. The speaker is black with Uniden's signature paw print embossed on the speaker's metal grill. Included in the box is the adjustable mounting bracket along with a 10 ft cord with a 1/8 (3.5mm) mono plug. You can expect high quality sound to be transmitted from this heavy duty external speaker.

Product Specs:
- Speaker: 4" Plastic Cone
- Impedance: 8 Ohms
- Maximum Power: 12 Watts
- Wire: 10 ft. cord
- Plug Type: 1/8" (3.5mm Plug)
- Frequency Response: 500Hz-5KHz
- Includes ratchet type mounting bracket & hardware

Code Tens

Listed bellow are *Common Code Tens*, some of which date back as early as 1940:

Code Tens:

10–1: signal weak
10–2: signal good
10–3: stop transmitting
10–4: affirmative (OK)
10–5: relay to
10–6: busy
10–7: out of service
10–8: in service
10–9: repeat
10–10: negative
10–11: _____ on duty
10–12: stand by
10–13: existing conditions
10–14: message/information
10–15: message delivered
10–16: reply to message
10–17: enroute
10–18: urgent
10–19: in contact
10–20: location
10–21: call _____ by phone
10–22: disregard
10–23: arrived at scene
10–24: assignment completed
10–25: report to
10–26: estimated arrival time
10–27: license/permit information
10–28: ownership information
10–29: records check
10–30: danger/caution
10–31: pick up
10–32: _____ units needed
10–33: emergency/help
10–34: time

**Now Available from Butel Software
ARC Patrol Software**

ARC PATROL is not a replacement for Uniden Sentinel software. Sentinel is used to update firmware and the database in the HP-1. ARC PATROL manages your favorites.

With ARC PATROL you expand the functionality of your HP-1:

- Add a frequency that is not in the built-in database
- Add a talk group that is not in the built-in database
- Add a trunk system that is not in the built-in database
- Add Nascar and other race frequencies
- Change Alpha tags
- Change or add sub tones
- Add Air band, CB, Marine, Railroad, FRS and GMRS frequencies
- Change the service type of frequencies and/or talk groups
- Search a frequency range
- ARC-PATROL combines the best of 2 worlds! With ARC-PATROL you can directly access (*) the RadioReference.com Database and import trunk and conventional systems directly into your HP-1!

* RadioReference import requires additional subscription and is NOT included with ARC-PATROL.

ARC PATROL is not a replacement for Uniden Sentinel software. Sentinel is used to update firmware and the database in the HP-1. ARC PATROL manages your favorites.

Scanner Cheat Sheet for Uniden Bearcat XT Models

System Name	
System Number	
Group 1	
Group 2	
Group 4	
Group 5	
Group 6	
Group 7	
Group 8	
Group 9	
Group 0	

System Name	
System Number	
Group 1	
Group 2	
Group 4	
Group 5	
Group 6	
Group 7	
Group 8	
Group 9	
Group 0	

System Name	
System Number	
Group 1	
Group 2	
Group 4	
Group 5	
Group 6	
Group 7	
Group 8	
Group 9	
Group 0	

System Name	
System Number	
Group 1	
Group 2	
Group 4	
Group 5	
Group 6	
Group 7	
Group 8	
Group 9	
Group 0	

System Name	
System Number	
Group 1	
Group 2	
Group 3	
Group 4	
Group 5	
Group 6	
Group 7	
Group 8	
Group 9	
Group 0	

System Name	
System Number	
Group 1	
Group 2	
Group 3	
Group 4	
Group 5	
Group 6	
Group 7	
Group 8	
Group 9	
Group 0	