INSTRUCTION MANUAL

DRAFT

MODEL: BCD996T
FCC ID: AMWUB335

Precautions

Before you use this scanner, please read and observe the following.

IMPORTANT!

This scanning radio has been manufactured so that it will not tune to the radio frequencies assigned by the FCC for cellular telephone usage. The Electronic Communications Privacy Act of 1986, as amended, makes it a federal crime to intentionally intercept cellular or cordless telephone transmissions or to market this radio when altered to receive them. The installation, possession, or use of this scanning radio in a motor vehicle may be prohibited, regulated, or require a permit in certain states, cities, and/or local jurisdictions. Your local law enforcement officials should be able to provide you with information regarding the laws in your community.

Changes or modifications to this product not expressly approved by Uniden, or operation of this product in any way other than as detailed by this Operating Guide, could void your authority to operate this product.

EARPHONE WARNING!

You can use an optional 32 Ω stereo headset or earphone with this scanner. Use of an incorrect earphone or stereo headset might be potentially hazardous to your hearing. The output of the phone jack is monaural, but you will hear it in both headphones of a stereo headset.

Set the speaker volume to a comfortable level before plugging in either a monaural earphone or a stereo headset of the proper impedance (32 Ω). Otherwise, you might experience some discomfort or possible hearing damage if the volume suddenly becomes too loud because of the volume control or squelch control setting. This is particularly true for the type of earphone that is placed in the ear canal.

Precautions

WARNING!

Uniden **does not** represent this unit to be waterproof. To reduce the risk of fire or electrical shock, **do not** expose this unit to rain or moisture.

Uniden® and Bearcat® are registered trademarks of Uniden America Corporation.

Other trademarks used throughout this manual are the property of their respective holders.

Important: If you use the supplied AC adapter to power the scanner but have not installed batteries in the scanner, never turn the scanner off by disconnecting the AC adapter or unplugging it from the AC outlet. This might corrupt the scanner's memory. Always use **POWER** to turn the scanner off before disconnecting AC power.

The FCC Wants You to Know

This scanner has been tested and found to comply with the limits for a scanning receiver, pursuant to Part 15 of the *FCC Rules*. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This scanner generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

There is no guarantee that interference will not occur in a particular installation. If this scanner does cause harmful interference to radio or television reception, which can be determined by turning the scanner on and off, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the scanner and the receiver

This device complies with Part 15 of the *FCC Rules*. Operation is subject to the following two conditions: 1) This device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

Scanning Legally

Your scanner covers frequencies used by many different groups, including police and fire departments, ambulance services, government agencies, private companies, amateur radio services, military operations, pager services, and wireline (telephone and telegraph) service providers. It is legal to listen to almost every transmission your scanner can receive. However, there are some transmissions that you should never intentionally listen to. These include:

- Telephone conversations (cellular, cordless, or other private means of telephone signal transmission)
- Pager transmissions
- Any scrambled or encrypted transmissions

According to the Electronic Communications Privacy Act (ECPA), you are subject to fines and possible imprisonment for intentionally listening to, using, or divulging the contents of such a conversation unless you have the consent of a party to the conversation (unless such activity is otherwise illegal). This scanner has been designed to prevent the reception of cellular telephone transmissions and the decoding of scrambled transmissions.

The FCC Wants You to Know

This is done to comply with the legal requirement that scanners be manufactured so they are not easy to modify to pick up these transmissions. Do not open your scanner's case to make any modifications that could allow it to pick up transmissions that are illegal to monitor. Modifying or tampering with your scanner's internal components or using it in a way other than as described in this manual could invalidate your warranty and void your FCC authorization to operate it. In some areas, mobile and/or portable use of this scanner is unlawful or requires a permit. Check the laws in your area. It is also illegal in many areas (and a bad idea everywhere) to interfere with the duties of public safety officials by traveling to the scene of an incident without authorization.

The FCC Wants You to Know

7

Care and Maintenance

General Use
- Turn the scanner off before disconnecting the power.
- If memory is lost, simply reprogram each channel.
- Always press each button firmly until you hear the entry tone for that key entry.

Location
- Do not use the scanner in high-moisture environments such as the kitchen or bathroom.
- Avoid placing the unit in direct sunlight or near heating elements or vents.
- If the scanner receives strong interference or electrical noise, move it or its antenna away from the source of the noise. If possible, a higher elevation might provide better reception.
- Also try changing the height or angle of the antenna.

Cleaning
- Disconnect the power to the unit before cleaning.
- Clean the outside of the scanner with a mild detergent.
- To prevent scratches, do not use abrasive cleaners or solvents. Be careful not to rub the LCD window.
- Do not use excessive amounts of water.

Repairs

Do not attempt any repair. The scanner contains no user serviceable parts. Contact the Uniden Customer Service Center or take it to a qualified repair technician.

Birdies

All radios can receive "birdies" (undesired signals). If your scanner stops during Scan mode and no sound is heard, it might be receiving a birdie. Birdies are internally generated signals inherent in the electronics of the scanner. Press **L/O** to lock out the channel.

Resetting the Scanner (Clearing all Memories)

To reset the scanner to factory defaults, turn off the scanner. Then, while holding down **2**, **9**, and **HOLD**, turn on the scanner. **All scanner memory contents are erased.**

One-Year Limited Warranty

Important: Evidence of original purchase is required for warranty service.

WARRANTOR: UNIDEN AMERICA CORPORATION ("Uniden")

ELEMENTS OF WARRANTY: Uniden warrants, for one year, to the original retail owner, this Uniden Product to be free from defects in materials and craftsmanship with only the limitations or exclusions set out below.

WARRANTY DURATION: This warranty to the original user shall terminate and be of no further effect 12 months after the date of original retail sale. The warranty is invalid if the Product is (A) damaged or not maintained as reasonable or necessary, (B) modified, altered, or used as part of any conversion kits, subassemblies, or any configurations not sold by Uniden, (C) improperly installed, (D) serviced or repaired by someone other than an authorized Uniden service center for a defect or malfunction covered by this warranty, (E) used in any conjunction with equipment or parts or as part of any system not manufactured by Uniden, or (F) installed or programmed by anyone other than as detailed by the Operating Guide for this product.

STATEMENT OF REMEDY: In the event that the product does not conform to this warranty at any time while this warranty is in effect, warrantor will repair the defect and return it to you without charge for parts, service, or any other cost (except shipping and handling) incurred by warrantor or its representatives in connection with the performance of this warranty. THE LIMITED WARRANTY SET FORTH ABOVE IS THE SOLE AND ENTIRE WARRANTY PERTAINING TO THE PRODUCT AND IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES OF ANY NATURE WHATSOEVER, WHETHER EXPRESS, IMPLIED OR ARISING BY OPERATION OF LAW, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY DOES NOT COVER OR PROVIDE FOR THE REIMBURSEMENT OR PAYMENT OF INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow this exclusion or limitation of incidental or consequential damages so the above limitation or exclusion might not apply to you.

LEGAL REMEDIES: This warranty gives you specific legal rights, and you might also have other rights which vary from state to state. This warranty is void outside the United States of America.

One-Year Limited Warranty

PROCEDURE FOR OBTAINING PERFORMANCE OF WARRANTY: If, after following the instructions in this Operating Guide you are certain that the Product is defective, pack the Product carefully (preferably in its original packaging). Include evidence of original purchase and a note describing the defect that has caused you to return it. The Product should be shipped freight prepaid, by traceable means, or delivered, to warrantor at:

Uniden America Corporation

Parts and Service Division

4700 Amon Carter Boulevard

Fort Worth, TX 76155

(800) 297-1023, 8:00 a.m. to 5:00 p.m., Central,
Monday through Friday

One-Year Limited Warranty

1. FEATURE SUMMARY

1.1. <u>BAND COVERAGE</u>

Frequency (MHz)		Modulation	Step (kHz)	Remark
Lower Edge	Upper Edge			
25.0000	26.9600	AM	5.0	Petroleum Products & Broadcast Pickup
26.9650	27.4050	AM	5.0	CB Class D Channel
27.4100	27.9950	AM	5.0	Business & Forest Products
28.0000	29.6800	NFM	20.0	10 Meter Amateur Band
29.7000	49.9900	NFM	10.0	VHF Low Band
50.0000	53.9800	NFM	20.0	6 Meter Amateur Band
54.0000	71.9500	WFM	50.0	VHF TV Broadcast 2 – 4
72.0000	75.9950	FM	5.0	Intersystem & Astronomy
76.0000	87.9500	WFM	50.0	VHF TV Broadcast 5 – 6
88.0000	107.9000	WFM	100.0	FM Broadcast
108.0000	136.9750	AM	25.0	Aircraft Band
137.0000	143.9875	NFM	12.5	Military Land Mobile
144.0000	147.9950	NFM	5.0	2 Meter Amateur Band
148.0000	150.7875	NFM	12.5	Military Land Mobile
150.8000	161.9950	NFM	5.0	VHF High Band
162.0000	173.9875	NFM	12.5	Federal Government
174.0000	215.9500	WFM	50.0	TV Broadcast 7 – 13
216.0000	224.9800	NFM	20.0	1.25 Meter Amateur Band
225.0000	399.9500	AM	50.0	UHF Aircraft Band
400.0000	405.9875	NFM	12.5	Miscellaneous
406.0000	419.9875	NFM	12.5	Federal Government Land Mobile
420.0000	449.9875	NFM	12.5	70 cm Amateur Band
450.0000	469.9875	NFM	12.5	UHF Standard Band
470.0000	512.0000	NFM	12.5	UHF TV
764.0000	775.9875	NFM	12.5	Public Service Band
794.0000	805.9875	NFM	12.5	Public Service Band
806.0000	823.9875	NFM	12.5	Public Service Band
849.0125	868.9875	NFM	12.5	Public Service Band
894.0125	956.0000	NFM	12.5	Public Service Band
1240.0000	1300.0000	NFM	25.0	25 cm Amateur Band

* These Frequency Ranges suit to initial step setting. They will be changed by Step setting.

* These Modulations are initial settings. They can be selected from AM / FM / NFM / WFM / AUTO.

* These Steps are initial settings.

* Steps can be selected from 5 / 6.25 / 7.5 / 8.33 / 10 / 12.5 / 15 / 20 / 25 / 50 / 100 / AUTO (kHz).

* If "AUTO" is selected for Modulation or Step, the scanner works with the modulation or step of this table.

* If the Step is set to 15 kHz, inputable frequencies are xxx.x000, xxx.x150, xxx.x300, xxx.x450, xxx.x600, xxx.x750, and xxx.x900. For example, the next frequency of 400.0900 MHz is 400.1000 MHz.

*If the Step is set to 8.33kHz, inputable frequencies are xxx.x000, xxx.x083, xxx.x166, xxx.x250, xxx.x333, xxx.x416, xxx.x500, xxx.x583, xxx.x666, xxx.x750, xxx.x833, and xxx.916.

For example, the next frequency of 100.0916 MHz is 100.1000 MHz.

* For 7.5 kHz Step, frequencies between 150.8150 and 154.6250 MHz is multiple of 7.5 kHz on the basis of 150.8150 MHz. For example, the next frequency of 150.8100 MHz is 150.8150 MHz, and the next frequency of 154.6250 MHz is 154.6275 MHz.

1.2. CHANNELS

Dynamic - The user can create conventional Channels, trunked Channels, trunked System frequencies, and GPS locations up to 6000 in total.

*Channels belonging to conventional System have a frequency.
*Channels belonging to trunked System have a talkgroup ID.
*Channels belonging to location systems have Lat/Lon type information only.
*Creating Systems and Channel Groups reduces the number of total channels available.

1.3. MEMORY ARCHITECTURE

Dynamic allocation.
Construction:
400 Systems, 6000 Channels

*Construction will have some difference by System type and so on.

The limit of Systems: 400
The limit of Groups: 20 in System 20 in a System
The limit of Channels and System frequency: 6000
The limit of Channels in trunked System (= talkgroup ID): 200 in a System*200*
*These numbers are not creatable numbers. Creatable number changes by ratio of conventional System, trunked System, Group, and Channel for conventional System, Channel for trunked System, etc.
*The user can check the percent of the Memory currently used by Menu Mode.

1.4. CHANNEL MEMORY SCAN

The user can scan Channels already programmed.
ItThe scanner can track both conventional and trunked System at the same time.

The scanner can do Service Search and Custom Search with Scan sequentially.

1.6. LOCKOUT FUNCTION FOR SCANNING

The user can lock out any System, Group and Channel.

Locked out Channel will be skipped during scanning. Location channels that are locked out will be ignored.

If the System or Group is locked out, the Channels belonging to that will be skipped during scanning.

The user can temporarily lockout a channel (it will be unlocked after power cycles) or "permanently" lockout a channel.

1.7. QUICK KEY

The Group can set it from 1 to 9 and 0.

The user can turn on or Off Quick Key of the system by the keypad.

1.8. PRIORITY SCAN

The scanner checks conventional Priority Channels every 2 seconds while scanning a conventional System.

1.9. PRIORITY PLUS

The scanner scans only Priority Channels.

1.10. CHANNEL ALERT

The user can set this function for each Channel.

This function alerts the user when the Channel becomes active.

1.11. DROPOUT DELAY

Controls whether the scanner pauses at the end of a transmission to wait for a reply.

The user can set the Delay time for each System. All Channels in the System share the same delay setting.

The user can also set the Delay time for Search, Close Call and Tone-Out.

1.12. ATTENUATOR

The user can attenuate the strength of the strong signal inputted.

1.13. REPEATER REVERSE

One-touch key lets user switch to hearing the input frequency on a conventional repeater system or trunked system.

1.14. QUICK RECALL

The user can quickly select a specific Channel by choosing the System, Group, and Channel.

1.15. WEATHER AND SAME ALERT

The scanner can alert to Weather Alert Tone, all FIPS or selected FIPS.

1.16. CUSTOM SEARCH

The user can program Custom Search Ranges up to 10, and the user can search these Ranges sequentially.

1.17. SERVICE SEARCH

The user can select the kind and search preprogrammed frequencies.
The kind of Service Search is as follows.
    Public Safety, News, HAM Radio, Marine, Railroad, Air, CB Radio, FRS/GMRS, Racing,
    TV Broadcast, FM Broadcast, Special, Military Air

1.18. CODE SEARCH

Rapid search for the CTCSS/DCS used during a transmission.
The scanner does not detect or decode P25 signals if you are operating CTCSS/DCS Search.

1.19. Tone-Out-SEQUENTIAL DECODE

Mute and alert control for Tone-Out Sequential.

1.20. FREQUENCY AUTOSTORE

~~S~~The scanner searches frequencies and stores new found frequencies into a specified System.

1.21. ID AUTOSTORE

~~S~~The scanner searches talkgroup ID's and stores new found ID's into a specified System.

1.22. QUICK SEARCH

If the user stops on a Channel in a conventional System, the user can start searching from the current frequency.
If the user stops on a Channel in a trunked System, the user can begin trunk ID searching in the System.

1.23. LOCKOUT FUNCTION FOR SEARCHING

The user can lock out any frequency up to 200.
Locked out frequencies will be skipped in Search Mode or Close Call Mode.
And the user can review all locked out frequencies in Menu Mode.

1.24. DATA NAMING

The user can name to each System, Group, Channel, Talkgroup ID, Custom Search Range and SAME Group. The scanner allows up to 16 characters for each name.

1.25. DUPLICATE INPUT ALERT

The scanner will inform the user that now inputted Name, frequency and so on had already stored in Memory or in same System.

1.26. DATA SKIP

Allows the scanner to skip unwanted data transmissions and reduces birdies.

1.27. BROADCAST SCREEN

Allows the scanner to ignore hits on Pager, FM, UHF TV, VHF TV, NOAA WX and band* frequencies.

* The band is a frequency band that the user set respectively.

1.28. TRUNK TRACKING

The scanner tracks following Systems.
- Motorola: Type I 800 / Type II 800, 900, UHF, VHF, P25
- EDACS: WIDE, NARROW, SCAT
- LTR

1.31. CONTROL CHANNEL ONLY

When this function is activated, trunking is performed using Control Channel data only. Voice channel frequencies do not have to be programmed into memory. (For Motorola System only)

1.32. BATTERY SAVE

The user can turn on/off this function by Menu Operation.
This works when there is no transmission over 1 minute in following modes. This feature turns off RF power for 1 second and turns on it 300 ms to extend the battery life.
- Scan Hold Mode at a Channel of conventional System (without Priority Scan)
- Any Search Hold Mode

1.33. LCD and KEYPAD BACKLIGHT

The user can turn on/off the LCD backlight.
And the scanner will turn on/off the LCD backlight automatically according to Menu setting.

1.35. KEY LOCK

This feature disables the keypad and scroll to prevent any accidental input.

1.36. CLOSE CALL

The scanner to immediately lock onto a transmission above threshold signal strength.

1.37. PC CONTROL

The user can download information into the scanner and control the scanner via your personal computer.

1.38. WIRED CLONE

The user can clone all programmed data, including Memory Architecture, Menu settings and other parameters form one BCD396T to another BCD396T connected with RS232C cable.

1.39. ON-AIR Programming

The user can program ~~several data on the AIR~~data into the memory over the air.

1.40. SCAN SPEED

100 CH/SEC. in Scan Mode (max)

1.41. SEARCH SPEED / TURBO SEARCH

100 STEP/SEC. in Search Mode (max)   - except for 5 kHz step.
300 STEP/SEC. in Search Mode (max) - (Turbo Search) - for 5 kHz step

*Turbo Search feature is built in and works at 5 kHz step setting automatically.

1.42. MEMORY BACK UP

Scanner memory is backed up semi permanently.
And the user can initialize the Memory.

1.43. BATTERY LOW ALERT

The battery voltage is low at certain level, the [icon] icon will blink and Battery Low Tone will be generated every 15 seconds.
This alert level is set at the same level as the key beep volume level.

1.44. TRUNKING ACTIVITY INDICATORS

The scanner shows trunking activity when held on the control channel.

1.45. Audio AGC

The scanner judges strength of the signal and changes the volume automatically.
In this item, the user can set Analog Audio and Digital Audio.

1.46. <u>GPS Compatibility</u>

Each system can include latitude, longitude, grid size information and automatically be enabled/disabled when a GPS is connected and the unit enters the grid area for the system. Also, the scanner can include location alerts (that sound alert tones when the unit approaches a defined latitude/longitude) and speed-trap alerts (that sound alert tones if the unit is traveling at > than a set speed limit while it is within a grid area).

2. DESIGN

This design has some difference from the actual design and is intended for reference only.

3. CONTROLS AND KEYS

Scroll Control Push
Press to decide the input or Menu items.
Press this as OK key (= "YES") in Menu Mode or some prompts.
Press to quickly edit the Channel in Scan Hold Mode.
Press to quickly store the inputted frequency into the Memory in Scan Hold Mode.

Function Key
Pressing to hold on current System while scanning.

*This key functions as a toggle. The next keypress will have the 2nd function applied.
*This key has many functions by pressing and then pressing various keys. (Function + xxx)

Function + Scroll Control
To select a System in Scan or Scan Hold Mode.
To move to the next/previous letter in data input mode.

Function + Scroll Control Push
Press this to "latch" the function so that you can enter multiple 2nd functions without continuously pressing FUNC. Press FUNC to toggle back to no FUNC.
Press this to go to APCO Threshold Control mode in Volume / Squelch Level Control mode.

SCAN / SRCH (Search) Key
Press to start or resume the scanning.

Function + SCAN / SRCH Key
To start the Quick Search or go to Search Menu.

HOLD Key
Press this in Scan Mode, the scanner stops on current Channel, and go to Scan Hold Mode.
Press this in Search Mode, it stops on current frequency, and go to Search Hold Mode.
Press this in Weather Mode, it also holds on current frequency.
Press this in Close Call only Mode, it holds on current frequency while monitoring a Close Call transmission.
Press this key in each hold condition to cancel it and resume scanning or searching.
Press this key in Tone-Out Standby Mode, it release the mute.

Function + HOLD Key
To toggle the setting of Close Call.

<u>L/O (Lockout) Key</u>

Tap (for less than 1 second) to temporarily lockout the current channel in scan mode, frequency in search mode, or location during a location alert. When power is cycled, the channel is automatically unlocked.

Press for more than 1 second to lock out the Channel for scanning in Scan or Scan Hold Mode.

Press for more than 1 second to lock out the frequency for searching in Search or Search Hold Mode.

Press this to cancel the prompt in Menu Mode.

<u>Function + L/O Key</u>

To lock or unlock the selected System in Scan or Scan Hold Mode.

To review Search Lockout frequencies in Search or Search Hold Mode.

Power/Volume Control
This rotate to turn on/off the scanner and to control the volume.

1 - 9, 0 Key
Press to input the frequency or talkgroup ID for Direct Entry in Hold Mode.
Press to select the Systems by Quick Key in Scan Mode.
Press to select the Custom Search Range in Custom Search Mode.

Function + 1 - 9, 0 Key
To select the Groups by Quick Key in Scan Mode.

PRI
The scanner toggles through the three priority modes: Priority Off, Priority On, and Priority Plus.

WX
To quickly access the Weather functions,

Function + 1 / SRCH1

Function + 2 / SRCH2

Function + 3 / SRCH3

Function + 4 / SRCH4

Function + 5 / SRCH5

Function + 6 / SRCH6
Above key combinations select the front-panel search range(s) the user has assigned to the key.

Function + 7 / ATT Key
In Scan/Hold Mode at conventional System, the scanner toggles the attenuation state for the current Channel.
In Scan/Hold Mode at trunked System, it toggles the attenuation state for the current System.
In other modes, it toggles the attenuation state for each setting.

Function + 8 / REV key
While pressing these keys, the scanner monitors the reverse frequency of current frequency.

・(Decimal) / NO
Press this as cancel key (= "NO") in Menu Mode.
Press to input the decimal point or "-" for talkgroup ID. Or press this to input "i" for I-Call input.
Press this to go to System Quick Key select mode in Scan Mode.

Menu Key
Press to enter the Menu Mode.

<u>Function + Menu Key</u>
To move to the place in Menu Mode suitable in each mode.
<u>GPS</u>
Tap: Prompts the user to store the current location as a GPS location alert point.
HOLD for 1 second: Enables/Disables the GPS function

<u>Volume/Off</u>
Rotate to turn on/off the scanner or set the volume

<u>SQ/Push CC</u>
Rotate to set the squelch setting.
Tap to turn on/off Close Call priority.
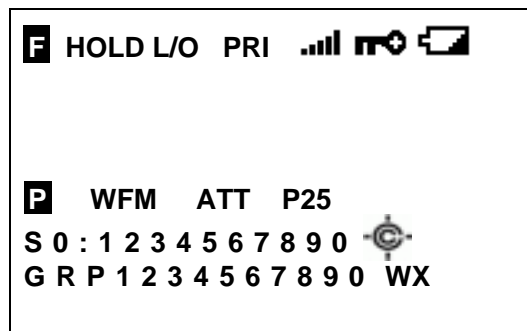Hold for 1 second to select Close Call exclusive mode.

4. DISPLAYS

4.1. LCD DESIGN

The design is different from the actual design and is intended for reference only.

4.2. ICONS

Sx: :
> This icon appears with icons of Quick Key number for Systems (from "**0**" to "**99**").
> x shows current ten's place of Quick Key for System.

GRPRP :
> This icon appears with icons of Quick Key number for Groups (**1 - 9,0**).

1 - 9, 0 :
> In SCAN mode, the numbers of unlocked Quick Key for Systems/Group are displayed. And a current scanning number blinks.
> In SCAN HOLD mode, the Quick Key number of the current System/Group is displayed.
> The numbers of selected User Ranges appear while Custom Search. And the number of searching Range blinks.

HOLD:
> This icon appears in Scan Hold Mode, Search Hold Mode and Close Call Hold Mode.

DSKP:
> This icon appears when the Data Skip function is On
> Then, this shows in the same place as "**HOLD**" icon.

L/O :
> This icon appears at locked out Channel or frequency.

PRI :
> This icon turns on while the Priority Scan works and this blinks while Priority Plus works.

AM FM NFM WFM:
> These icons show the modulation type. "AM", "FM" ,"NFM" or "WFM" will appear.

ATT :
> This icon appears when it is set to Attenuator On at the displayed channel.

P25:
> This icon shows <u>the digitalized voice</u> of received APCO P25.

LNK :
> This icon appears when data on VOICE CHANNEL is received.
> Then, this shows in the same place as "**P25**" icon.

WX :
> This icon turns on while the Weather Alert Priority Scan works.

F **(Function Key) :**
> This icon appears while pressing Function key.

P **(Priority Channel) :**
> This icon appears when channel set to "Priority On".

.ıll **(Signal Indicator):**
> This icon shows strength of the signal from 0 to 5.

(KEYPAD LOCK):
> This icon will appear only when the KEYLOCK function is On.

(BATTERY Low Alert) :
> This icon blinks when the battery voltage is low.
> This icon blinks when a bad battery is installed and an AC adopter is connected.
> This icon appears during checking the battery.

(Close Call) :
> This icon indicates when the Close Call Mode sets to On, and this blinks while Close Call Only Mode or when the scanner detects the Close Call.

GPS

Appears when the GPS functionality is enabled by the user.

4.3. DOT MATRIX

128 x 64 Full Dot Matrix

There is a character pattern of 8 x 16 dot and 8 x 8 dot.
See _____*_____._____*_____ about
Characters pattern.

4.4. LCD FLASHING TIME

About 500 ms ON / About 500 ms OFF (nearly 1.0 Hz)

4.5. ALERT Indicator
Flashes with a channel alert or location alert.

4.6. Close Call indicator
Flashes when a Close Call hit is detected

SCANNER CONNECTORS

5.1 Front Panel Serial

Standard serial port using Uniden serial jack design.

5.2 Back Panel Serial

Standard DB9 serial port

5.3 Back Panel Power

3-wire power jack for +12V/GND/Headlight Sensor

5.4 TAPE OUT JACK

Jack for tape-out functions.

5.5 EXT SP Jack

External speaker jack

5.6 ANT Jack

BNC Antenna Jack