

## BCD996T ADDENDUM

The BCD996T is a different radio in concept from previous scanners we support. Scanners such as the BC250/296 etc. use "Banks" to organize the frequencies for a system. Each bank has a pre-allocated number of "Channels". The combination of the number of banks and the number of channels per bank define the capacity of these radios and are preset at the factory.

The BCD996T uses "dynamic memory allocation" to load the radio with data. While there is an upper limit of total Frequencies, the radio has no preset organization such as Banks and Channels. It stores the data in "Systems". These systems can contain any number of frequencies (up to 150 in SC-Lite). In this radio, where one system ends, the next one begins. There are NO "Empty " spaces in a system. For example, one system/bank can contain 10 frequencies and another 100 frequencies. The radio allocates the space needed for each system depending on the amount of frequency data entered.

While the Previous Scanners are basically "brainless" except for the trunking functions, the BCD996T contains a "brain" and is an integral part of the dynamic memory allocation process. With previous scanner design, it was possible to draw out a "memory map" in advance of loading the data. In order to enter frequency data into the BCD996T you either use the keypad, or you must have your radio connected to your computer. In that ALL stored records and systems are linked to and from each other in the radio's memory, the only way to efficiently program it is by using software.

So, from this point forward, you can -- "Forget About the previous notions of Channels & Banks! Just use your SC-Lite-Plus (SCL) Software to get your new radio Up & Running [and BACKed-UP] Quickly!

SCL Software "Reads" the data stored in the radio and displays it in "Grids". The complete set of Grids represents the radio's "map". And, by selecting individual grids as presented in SC-Lite you can easily perform edits/changes and also the following:

1. [BACKUP and CLONE your BC 996 radio as delivered.](#)
2. [LOAD it with Existing Databases](#)
3. [Delete Unwanted Systems \(or\) Clear all Systems from Memory](#)
4. [CREATE New Systems from On-Line Resources](#)
5. [EDIT your Databases](#)
6. [SAVE your Databases](#)

### SC-Lite QUICK START - WHAT TO DO FIRST

1. [BACKUP and CLONE](#) The First Step is to use SC-Lite to Create a Backup of your radio as shipped from the factory. As you know, the BCD996 has over 100 factory-loaded systems in it. Actually, you should Create TWO Backups. The First Backup is a [CLONE](#) of the radios Configuration and Contents. The Second Backup is a [DATABASE BACKUP](#) of the radio's contents. These Clone and Backup operations will also provide you with an early introduction to the many Features of SC-Lite Software.

The Next Steps help you to Customize your radio to meet your specific applications. With these TWO backups saved on a HD, CD (or both) SC-Lite has already provided you with the assurance that this software is User-Friendly; and Insurance that you can restore your radio to the "Factory Setting" if needed.

(See below)

2. [LOAD](#) Load your already stored Databases of frequency data on hand from other radios.
3. [CREATE](#) If you plan to Create New Systems, here is a step-by-step process to easily do this from On-Line frequency Sources.
4. [EDIT](#) Either Existing or New Systems once Loaded will eventually be EDITED. Here is a "How-To Edit" process using SC-Lite.

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5. **SAVE** Once you have performed the Load/Create/Edit operations above, you should Save them as backup files and as archives. Here is another "How-To Save/Backup" the frequency data recently entered or edited by you in your BC246T.
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### BACKUP and CLONE DATABASE BACKUP CLONE

#### Backing up your BCD996T

Backing up your BCD996T can be accomplished in two ways:

- 1 - Reading contents of radio into the database system
- 2 - Reading a clone file from the radio.  
(see the selections on TOOLS menu)

*Note: This edition of Scancat-Lite-Plus supports up to 80 Systems in the BCD996T radio. In the event your radio contains more than 80 Systems, a Message will appear advising of this condition. Take care to not exceed 80 Systems in your radio at this time.*

#### Using Method #1

- You can make edits, changes, additions to the radio's systems and settings and reprogram the unit easily. This can be done for a single system at a time - without requiring the entire radio be reprogrammed. You can also save the contents to disk for backup and for use by other radios you own.

Using Method #1,

- you can store an entire configuration and then keep it to restore your radio as an emergency backup
- You can reprogram the entire radio after a "clone backup" - then make a CLONE file of THAT configuration and have TWO or THREE entirely different systems that can be restored to the radio at anytime.
- You can restore a clone file from someone ELSE and use their entire radio's setups in your radio.

#### Using Method #2,

Read the entire radio's contents, and then store it in our "Personal database File" (RSD extension). The file can then be easily loaded and modified

### LOAD

Load Bew Systems from stored resources.

1. Go to FILES.... Load Personal Database file and pick a file.

### CREATE

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#### Create New Systems from Radio's internal Systems Information

1. Read entire radio - this populates the SYSTEM'S LIST BOX (left sided container)

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2. Click on ANY system. For example if you have the BCD996T "Preload", there are well over 100 systems.
3. The "click" changes the GRID/TAB to the corresponding system. If you had the entire preload of in the radio, you could click on ANY of them and instantly go to that tab/grid. Voila!
4. When you have a system you want to "duplicate" OR make any changes to the data
5. click on the "Create New System" button
6. A NEW system will be "duplicated". The new system will be appended to the existing systems. So if you have 65 systems in the radio, you will now have the new one as System 66

### Create NEW Systems using RSD : "Personal Database" Files

1. Go to FILES... Load Personal Database file and pick a file.
2. Navigate to a "grid" in the database by clicking on a Tab, using the 1-1- 11-20 etc to find the system you wish to create as a NEW System
3. Click on the CREATE SYSTEM -
  - a. in a minute or less the information contained in the selected Grid will be written to the radio as a new system.
  - b. The new system will be appended to the existing systems. So if you have 65 systems in the radio, you will now have the new one as System 66
4. Change to a NEW tabbed database grid
  - a. Click on the CREATE SYSTEM
  - b. in a minute or less the information contained in the selected Grid will be written to the radio as a new system.
  - c. The new system will be appended to the existing systems. So if you have 65 systems in the radio, you will not have the new one as System 66
5. Repeat this as many times as you want - each time a new system will be appended to the previous - so if you had 65 systems to start with, and create 10 new systems, you will have added system 66 through 75

### Create Multiple GROUPS within a system

We can only add groups to a NEW system at this point. So here are a few steps on 'how to'. If you want to separate your system into groups, at the place in the database where you want to ADD a GROUP:

- 1- In the REC NUM column Type this "=GRP="
- then in the description column enter "description of the group"

(EXAMPLE )

REC# column	Frequency	Description
=GRP=		"NEWYORKPD"

This will create a 2ND group labled"NEWYORKPD"

(DO NOT enter a frequency in this row)

- 2- Then follow below that with the frequencies for the 2nd group
- 3 To add a THIRD group, In the description column Type this:

(EXAMPLE )

REC# column	Frequency	Description
=GRP=		NEW JERSEY PD"

This will create a 3RD group labled NEW JERSEY PD

FYI - ADDING GROUPS CAN ONLY BE ACCOMPLISHED BY CREATING A NEW SYSTEM

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When you are finished with the system, press the "CREATE NEW SYSTEM" button and the new system will be created, and there will be 3 groups in all, the primary group and 2nd and 3rd with names you have assigned.

SIMILARY- FOR ADDING GROUPS TO THE TALK GROUP AREA

1- In the SCAN LIST column Type this "=GRP="

(EXAMPLE )

SCAN LIST column	Frequency	Description
=GRP=		NEWYORKPD"

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In addition to our standard menu and features for the other radios we support, this is a "short listing" of features specific to the BCD996T

Systems List Box:

Added buttons (Not present if you choose a different model radio)

Connect to Radio (Read Systems from Radio)

Create New System

Delete a System (or right Click to) Erase Entire Radio Memory.

Top Menu Bar (additional Selections)

Settings

(Separate window - including )

BCD996T Specific settings including:

"By System settings"

Contains all the setting available for editing that are unique to that system

Names of systems, lockout, etc

"Assorted Settings"

Such as:

Backlight

Battery save

Key Beep

"Custom Search Ranges"

Change the 10 custom range searches

Edit names, frequency ranges etc.

"GPS Coordinates for each System"

This should cover the BC996T specifics as they relate to Sencat-Lite-Plus.. The rest of the Sencat-Lite-Plus instructions are available in the Regular Operators MANUAL.

(Look in the Folder for Manuals and Help files) or they can be accessed by clicking on the HELP menu.

Thanks for your support!

Computer Aided Technologies

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