

Nova Programmer Manual

User's Operation Manual Version: 2.00

1. Start:

Create a folder named "Nova" and insert all files from the disk in the folder. Use MS-DOS or Windows to install the software. Select the path name where you created the folder for the software (i.e., C:\My Documents\Nova). Double click on the NOVA execute file to run program.

To place NOVA into Programming Mode:

Turn the pager off. Push and hold reset button, p-key and left arrow button. All buttons must be pressed in this order and held until the pager beeps and displays "Prog Process". The pager is now in program mode.

Place the pager in the programming fixture and begin programming.

To get the pager out of program mode:

Press and hold the reset button until the pager beeps and it will now be off. The pager can now be turned on using the left arrow key and will operate normally.

2. Start Up Screen:

Press any key to continue.

3. Main Menu:

- 3.1 At any time, press "ESC" or "F10" key to return to the NOVA main menu.
- 3.2 Press "ESC" from the main menu to exit the program and return to WINDOWS or DOS.
- 3.3 Press "F1" for HELP on the main menu.
- 3.4 Press "F2" for KEYBOARD HELP.
- 3.5 Press "F3" to read the NOVA code plug.
- 3.6 Press "F4" to enter the code plug get, save and program functions.
- 3.7 Press "F5" to enter the code plug modify function. You must first read in data from the pager or from an archived file before the data can be modified.
- 3.8 Press "F6" to return the NOVA pager to the factory default settings.

-
- 3.9 Press "F7" to select a previously saved code plug file.
 - 3.10 Press "F9" to configure file paths and configure the computer communications.

4. System Configuration:

- 4.1 From the main menu press "F9" for hardware configuration.
- 4.2 Press "F3" to enter the hardware environment.
 - 4.2.1 Input Items include path, filename, driver name of the data file and communication port (COM1 or COM2).
 - 4.2.2 Move the cursor to the Input item for editing using the arrow keys. Edit the path, filename, driver name of data file as required.
 - 4.2.3 Move the cursor to the COMMUNICATION PORT to select "Com1" or "Com2". Use the space bar to alternate between the COM1 and COM2 selections.
 - 4.2.4 Press "F7" to save the current variables into the file "Setup.dat". The contents of file "Setup.dat" will be automatically loaded when you execute the Nova.exe the next time.

5. Code Plug Setting:

From the main menu press "F4" to enter code plug settings function.

- 5.1 Press "F2" to read the code plug from NOVA. Press "ENTER" to execute the reading operation.
- 5.2 Press "F5" to program the code plug to NOVA. (You must first execute a read code plug.)
- 5.3 Press "F3" to input the path and filename of the data.
- 5.4 Press "F4" to save the code plug data to the disk file.

6. Code Plug Editing:

From the main menu press "F5" to enter the code plug editing function. You must first read data prior to editing. Move the cursor to the field that you want to edit, press "ENTER" to enter the field then modify the field.

- 6.1 Address tone frequency assignments
 - 6.1.1 Tone frequencies must be between 280 Hz and 3400 Hz.
 - 6.1.2 For addresses 1 through 8 (two tone sequential addresses) you must enter both tone frequencies before the address will be valid.
 - 6.1.3 For addresses 9 through 12 you only need one frequency. Addresses 9 through 12 are long tone group call addresses.
 - 6.1.4 Tone address frequency entries that are not exactly the same as other



www.sequent.com

Suite 135 – 4474 Blakie Rd., London, Ontario, Canada N6L 1G7
V: +1.519.652.0401 F: +1.519.652.9275

tone address frequency entries must be separated by a minimum of 1.4 %. For example; tone 1 of address 1 can equal tone 1 of address 2 but if they are not exactly equal they must be at least 1.4 % separated.

- 6.1.5 No two addresses can be the same.
- 6.2 Alert Cadence Setting
 - 6.2.1 Address 1, address 2 and address 3 have a choice of the alerting cadence. Choose "dual" or "single".
- 6.3 Priority Alert
 - 6.3.1 The NOVA pager allows only one address to be set for "priority tone alert". If an address is set "YES" for priority alert, it will always be a tone alert even if the pager is set for vibrate alert.
- 6.4 Press F7 to program the NOVA code plug.

7. Screen Print:

Press "F8" to print the current screen.

8. Help Functions:

Help information is available for all screens in the NOVA programmer. Select the F1 key while in a field for entry help on that field.

9. NOVA Functionality:

- 9.1 Unread message – The NOVA tags all messages as they are received. Once all messages have been read the reminder alert will cease. You can disable the reminder tone alert. The reminder tone alert occurs automatically every two minutes if any message is unread.
- 9.2 Low battery reminder - The NOVA provides an automatic detection of the state of the batteries. If the battery is determined to be near end of life the NOVA will automatically tone alert the user. You can disable the low battery tone alert and still have an ICON on the display to indicate when the batteries need replacement.
- 9.3 Page alert function – The user can disable the alerting function of the NOVA by selecting ENABLE for this function.
- 9.4 Auto power ON / OFF – This is a menu item that allows programming the NOVA to automatically turn ON or OFF based on the times programmed by the user.
- 9.5 System time and system date – These fields are automatically set based on the time and date on the computer used to program the pager.
- 9.6 Audio control – There are 2 choices available for the standard NOVA



www.sequent.com

Suite 135 – 4474 Blakie Rd., London, Ontario, Canada N6L 1G7
V: +1.519.652.0401 F: +1.519.652.9275

-
- pager (timeout and manual reset). There are an additional 4 choices available for the optional NOVA pager with monitor capability (auto reset, auto reset with delay N, revert to carrier squelch and revert to carrier squelch with delay N). The N value has a separate field for time entries.
- 9.7 Priority call – You may enable or disable the priority call function. Priority call allows programming any address to always tone alert even if the pager is configured for vibrate alert.
- 9.8 Privacy – The privacy option disables the ability of the NOVA to monitor the channel using the reset switch.
- 9.9 Audio lock on – Enabling this function allows the audio to be locked on by depressing the reset switch for approximately 2 seconds.
- 9.10 Quick monitor – The option model has a feature which allows placing the NOVA into "channel monitor" mode by simply depressing the reset switch for approximately 1 second.
- 9.11 PTL- "Push - To - Listen" -Enabling this function allows the user to select audio "on" or audio "off" in the NOVA's menu. Audio "off" means the audio will be off after an alert. To listen to an incoming message you must then depress the reset switch. Audio "on" is the normal mode of operation. Disable PTL and the feature is removed from the pagers menu.
- 9.12 Fixed or variable alert – A fixed alert volume mode can be enabled causing the NOVA to alert at maximum volume regardless of the volume control setting. Voice remains variable with the volume control.
- 9.13 Tone DEC mid / high – This sets the tone frequency range of the NOVA. There are specific systems that only use high frequency tones for addressing purposes. These systems can be programmed for HIGH only. This extends the battery life of the NOVA pager. If selected ALL tone address frequencies must be above 625 Hz.
- 9.14 Beep start up – This sets the number of times the NOVA will beep when powered on.
- 9.15 Data/Voice message DELETE feature – This field allows the NOVA to be able to delete messages when ENABLED or when DISABLED the messages would drop off once the messages are full.
- 9.16 Tone Gap – This sets the time between tones. Normal time should be one second (1000 mS).
- 9.17 Long tone duration – This sets the response time of the NOVA to long tone group call.

