

DAS DL900 Windows Software Seminar

System Requirements

- Operating Systems Supported
 - Windows 95
 - Windows 98
 - Windows NT 4.0
- Memory Requirements
 - 16 Megas required, 32 Megas recommended
- Hard Drive Requirements
 - 30 Megas required
 - Approximately 2000 account records, no logs

Panel Requirements

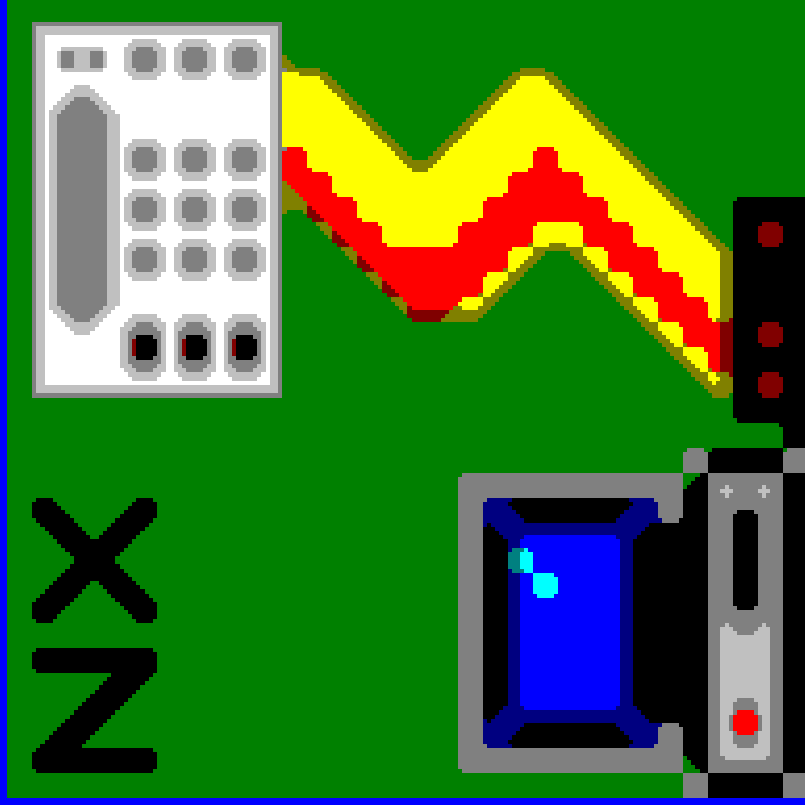
- NX-series control panel (no DL panel support)
- Control panel version 8 or higher
 - required to download modules
- NX-320 chip version 1.08 or higher
- NX-534 chip version 1.12 or higher
- NX-580 chip version 1.13 or higher
- NX-582 chip version 1.01 or higher

Setting Up Software

- Insert the CD ROM
- If you have autorun enabled on your computer, disk should automatically install.
- If not, from the “start” button, select
 - Start
 - Run
 - D:\Setup
 - Where D: is the designation for your CD ROM drive
- The Caddx “NX” icon will be automatically added to your desktop

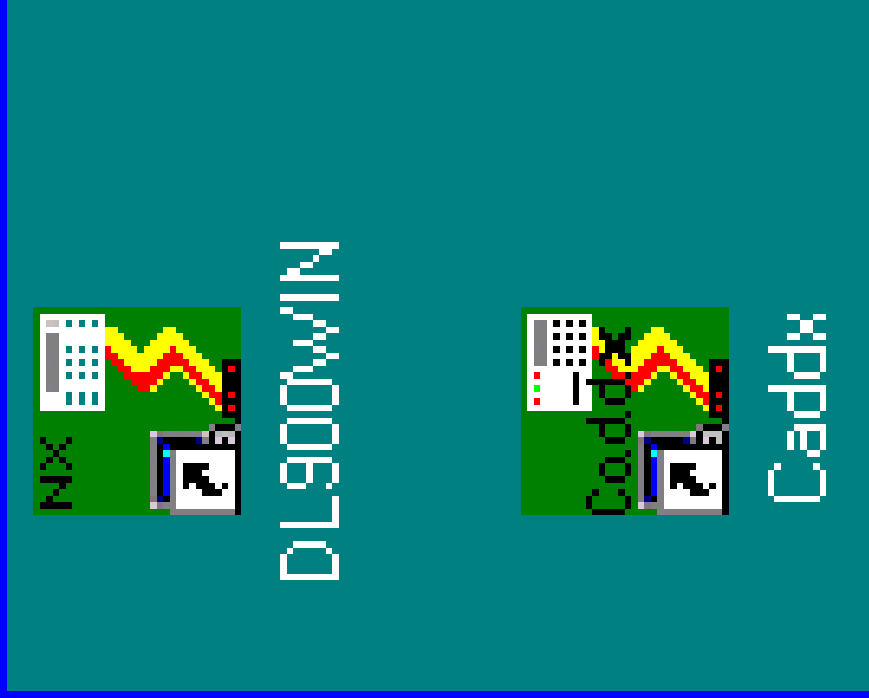
The Icon

- This is the new icon for the DL900 Windows software.
 - Descriptor under the icon says DL900 WIN



Your Desktop

- If you have both the Caddx DL900 DOS software and the Caddx DL900 Windows software on your computer, you should see two icons like this on your desktop. The top icon is for the windows software, the bottom is for the DOS software.



Starting The Windows Software

- Place the cursor over the DL900 Windows icon and double click the left mouse button to start the program.

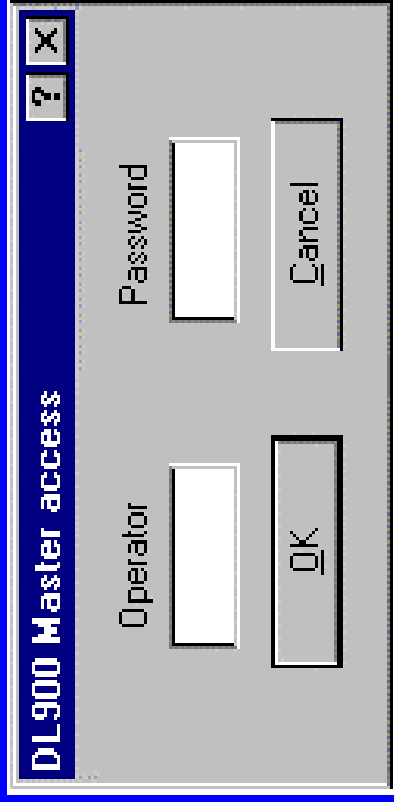


The NetworX Panel and Keypad



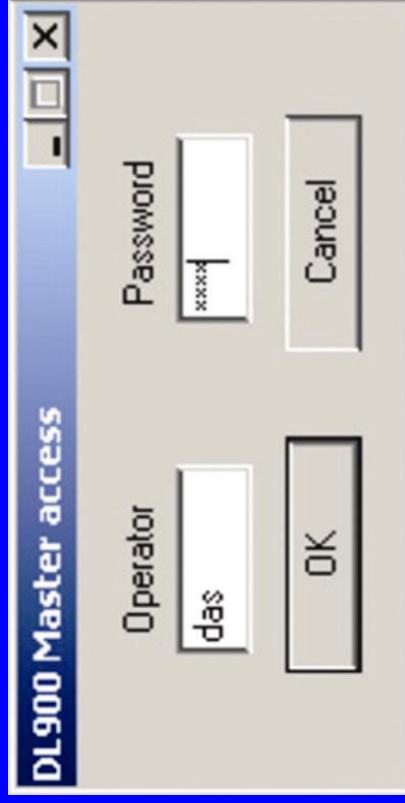
- A picture of an NX-panel and keypad will be displayed as the software loads.
- Depending on computer speed, file size, etc., this may last up to 10 seconds.

Master Access



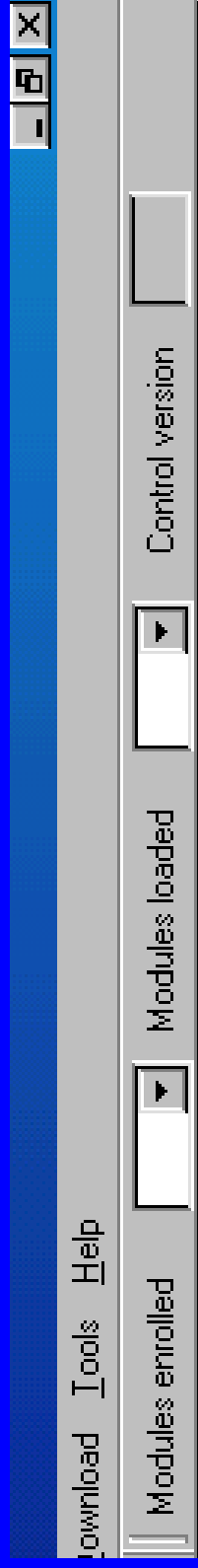
- By default the software has two access screens. The master access screen will be displayed first, followed by the operator access screen.
- The default operator is das and the default password is 1234.
- Type das [tab] 1234
- Click OK or hit [Enter]

Operator Access



- The operator access screen will then be displayed.
- Type das [tab] 1234 again.
- Click OK or hit [Enter]
- We will later learn how to set up the software to bypass the master access screen if desired.

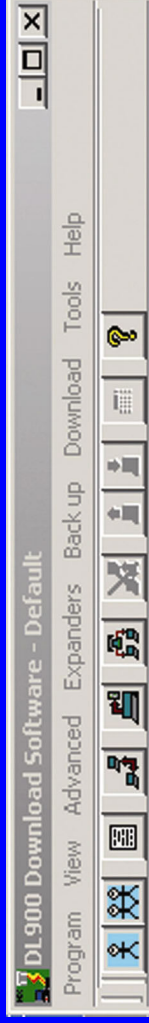
Control Panel Data



- When connected or after connecting to a control panel, the modules enrolled can be viewed, the modules loaded (into the software) can be viewed, and the control panel's chip version can be viewed. This can be helpful for troubleshooting purposes.

The Toolbar

- The toolbar has several buttons to choose from
 - View single customers
 - View customer list
 - View control panel
 - Call control
 - Call control using AMD
 - Disconnect
 - Send data
 - Retrieve data
 - Help



The Progress Bar



- Far left window will indicate progress on sections of upload or download.
- Cap lock and num lock indicators
- Online or offline indicator

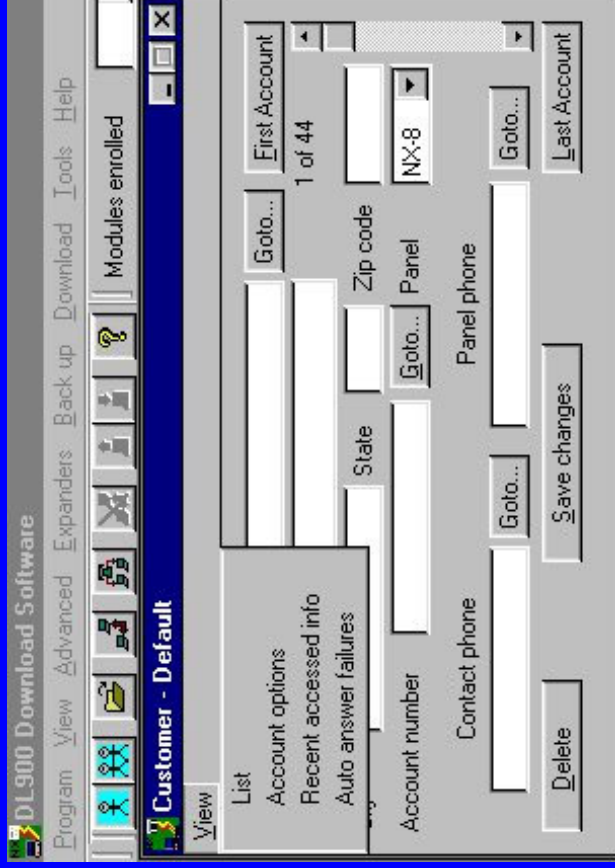
View Single Customer

- If you press the view single customer button, this window will be displayed.
 - You can enter a new customer
 - Search for existing customers
 - Re-sort the database by “Goto” fields
 - Change customer data
 - Delete a customer
 - Scroll through customers

The screenshot shows a window titled "Customer - Default" with a "View" button in the top-left corner. The window contains a form with the following fields and controls:

- Name:** A text input field with a "Goto..." button to its right.
- Address:** A text input field.
- City:** A text input field.
- State:** A text input field.
- Zip code:** A text input field.
- Account number:** A text input field with a "Goto..." button to its right.
- Contact phone:** A text input field.
- Panel phone:** A text input field.
- Panel:** A dropdown menu showing "NX-8".
- Buttons:** "Delete", "Save changes", "Goto..." (multiple instances), "First Account", and "Last Account".

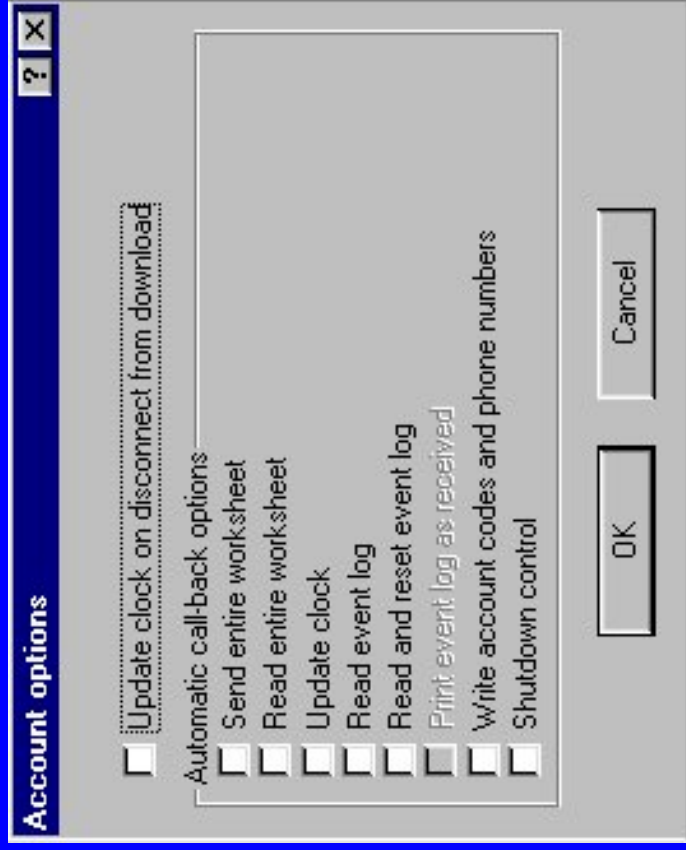
View Customer / View Pulldown



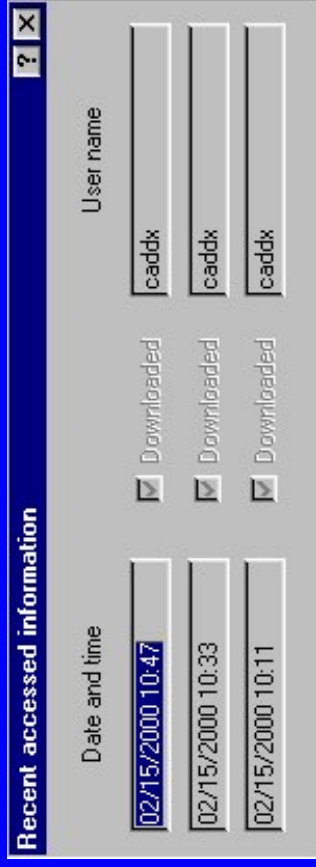
- You can view the customer list, set individual account options, see who has accessed the panel recently, and any auto-answer failures.
- View List puts the customer list and view single account on screen at one time.

View Customer / View Account Options

- Allows you to set auto callback and update clock options individually.
- Will ADD TO, but not subtract from global call-back options.



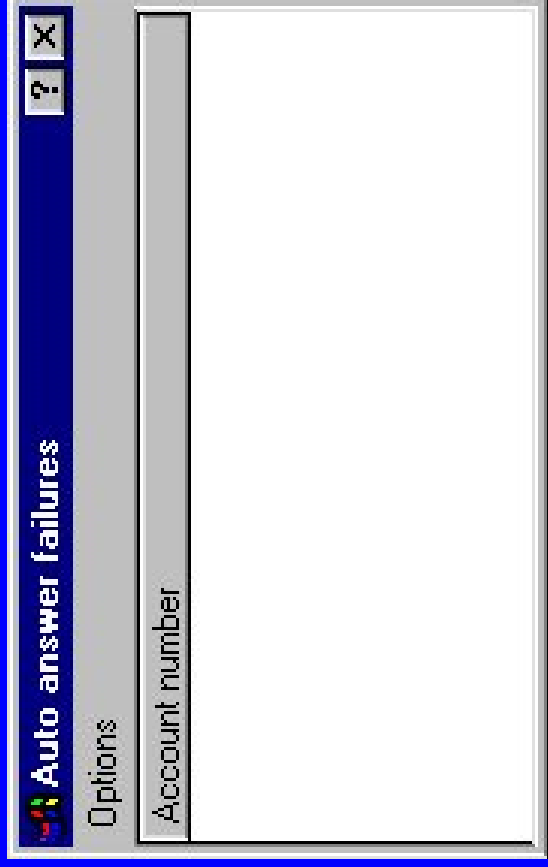
View Customer / Recent Access Information



Date and time	Downloaded	User name
02/15/2000 10:47	☒	caddx
02/15/2000 10:33	☒	caddx
02/15/2000 10:11	☒	caddx

- Shows dates and times an account was accessed.
- Indicates whether the account was downloaded (connected to), and by which user.

View Customer / Auto Answer Failures



- Indicates accounts which tried to connect with the software in the auto-answer mode, but for some reason failed to communicate properly.

Entering New Customers

- To enter a new customer, simply enter the customer's data.

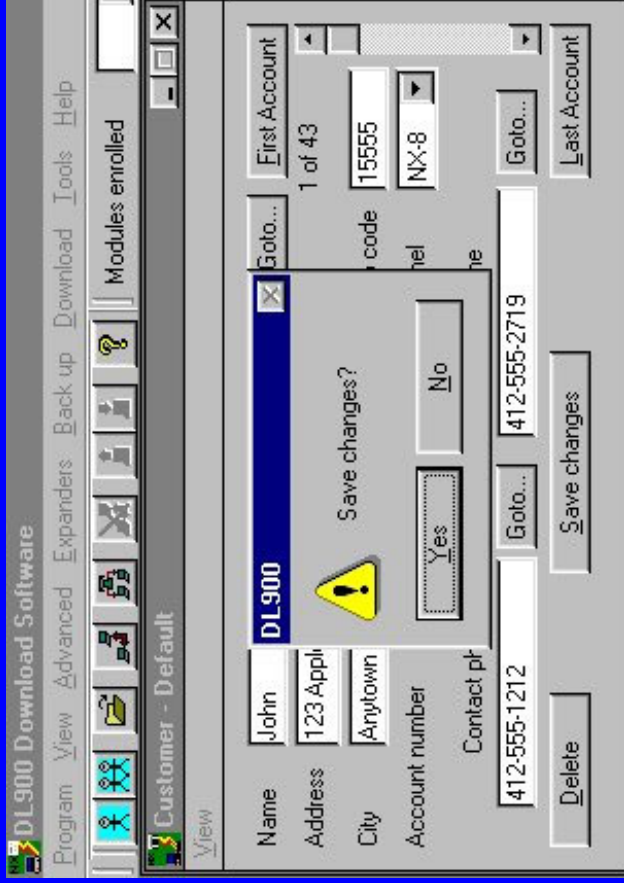
- First name
- Last name
- Address
- Account number
- Panel type
- Home or business phone
- Panel phone

The screenshot shows a software window titled 'DL900 Download Software'. The menu bar includes 'Program', 'View', 'Advanced', 'Expanders', 'Back up', 'Download', 'Tools', and 'Help'. The toolbar contains icons for file operations and a help icon. The main area is titled 'Customer - Default' and contains a form for entering customer data. The form fields are as follows:

Name		Goto...		First Account	
Name	John	Smith	Goto...	1 of 43	
Address					
123 Appletree Drive					
City	Anytown	State	PA	Zip code	15555
Account number	2719	Panel	Goto...	Panel	NX-8
Contact phone			Panel phone		
412-555-1212			412-555-2719		
Delete			Save changes		
			Goto...		
			Last Account		

Save Changes

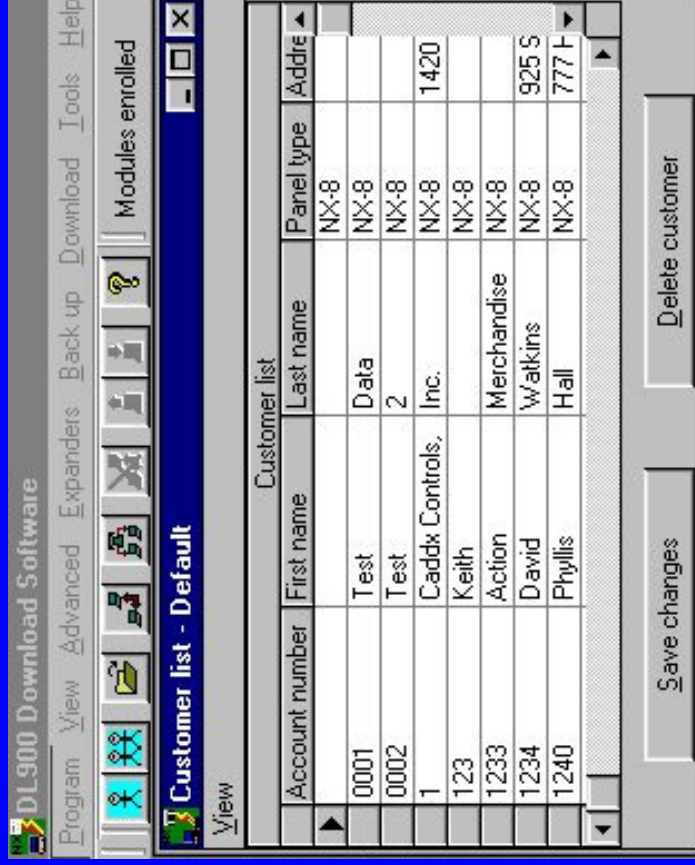
- Click Yes to save changes, No to delete changes.
- Once the record has been saved, you will be able to access the control panel's program data or connect to the control panel.



View Customer List Button

- If you press the view customer list button, this table will be displayed.
- Double clicking on the headers will sort the list by:
 - Last Name
 - Account Number
 - Home Phone
 - Panel Phone

Note: Sort by account shown



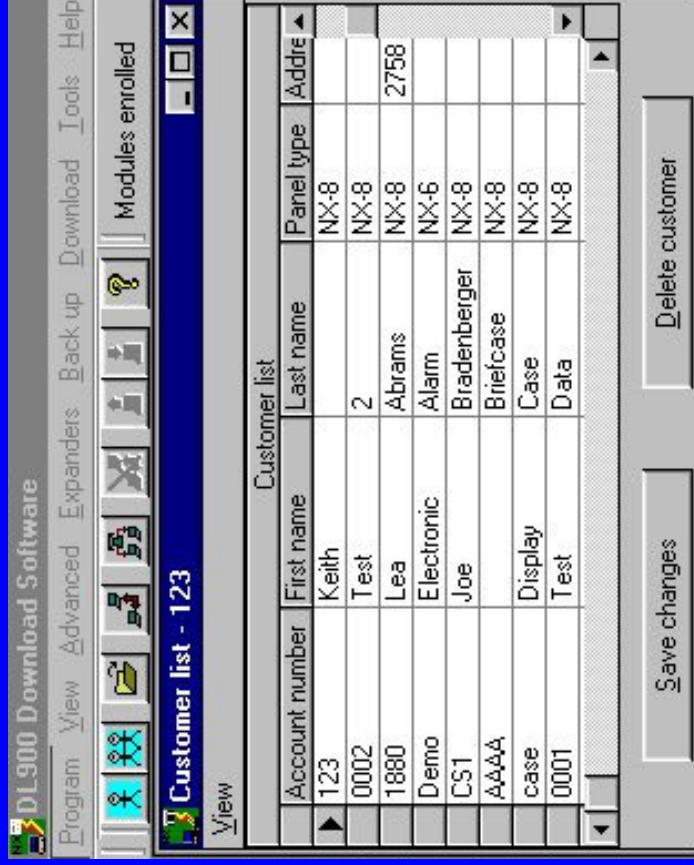
The screenshot shows a software window titled "DL900 Download Software" with a menu bar (Program, View, Advanced, Expanders, Backup, Download, Tools, Help) and a toolbar with icons for file operations and a help button. Below the toolbar is a tab labeled "Customer list - Default". The main area displays a table titled "Customer list" with columns: Account number, First name, Last name, Panel type, and Address. The table contains several rows of customer data. At the bottom of the window are two buttons: "Save changes" and "Delete customer".

Account number	First name	Last name	Panel type	Address
0001	Test	Data	NX-8	
0002	Test	2	NX-8	
1	Caddx Controls, Inc.		NX-8	1420
123	Keith		NX-8	
1233	Action	Merchandise	NX-8	
1234	David	Watkins	NX-8	925 S
1240	Phyllis	Hall	NX-8	777 H

Sorting Customer List

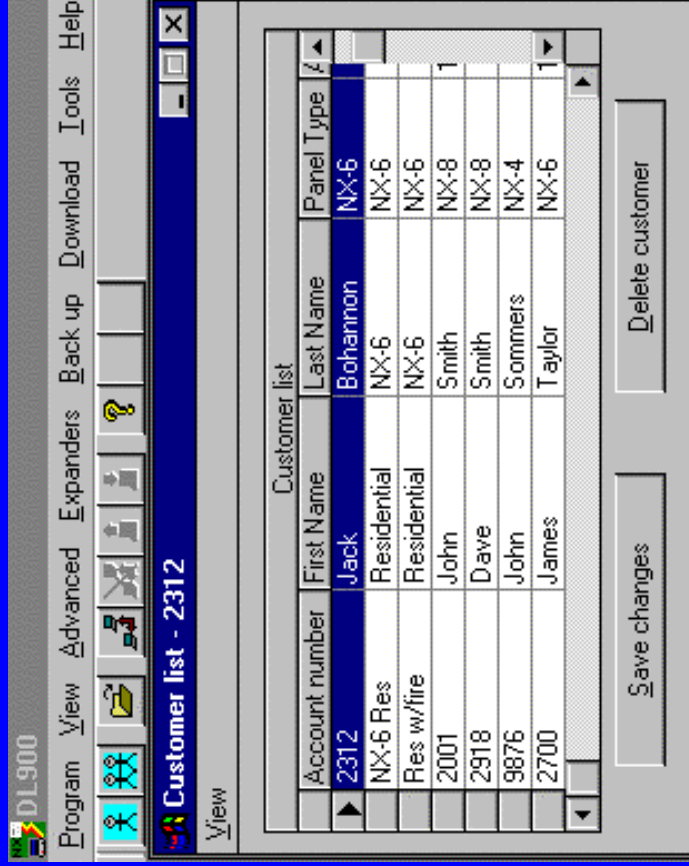
- Note that list is now sorted by last name.
- Changes can be made to the list in all fields, then those changes can be saved to their respective records.
- Customers can be deleted in list mode.

Note: Customer List Header Bar indicates that customer "123" is where your cursor is.



Customer List Header

- By moving the cursor to any location in account 2312, we have changed the customer list header to show account 2312.



Working With Defaults

Working With Defaults

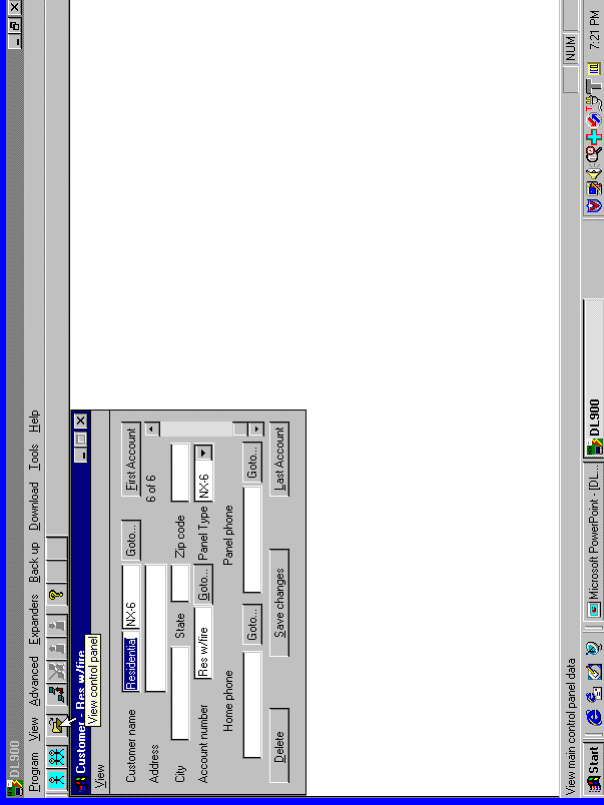
The screenshot shows a software window titled 'DL900' with a menu bar (Program, View, Advanced, Expanders, Back up, Download, Tools, Help) and a toolbar. The main window displays a form for 'Customer - Res w/fire'. The form contains the following fields and controls:

- Customer name:** A text box containing 'Residential' and a 'Goto...' button.
- Address:** A text box.
- City:** A text box.
- State:** A text box.
- Zip code:** A text box.
- Account number:** A text box containing 'Res w/fire' and a 'Goto...' button.
- Panel Type:** A dropdown menu showing 'NX-6'.
- Home phone:** A text box.
- Panel phone:** A text box.
- First Account:** A dropdown menu showing '6 of 6'.
- Last Account:** A dropdown menu.
- Buttons:** 'Delete', 'Save changes', and 'Goto...' buttons.

- Defaults can take any name that makes sense to you.
- To be saved, a customer record must consist of:
 - A name
 - An account number
 - A panel type

Setting Default Information

- Click on the “View Control Panel” button to bring up the programming worksheet.



The screenshot shows the 'DL900' application window with the menu bar (Program, View, Advanced, Expanders, Backup, Download, Tools, Help) and a toolbar. The 'Customer - Res w/fire' window is active, displaying a 'View' button and a 'Control panel - Res w/fire' dialog box.

The 'Control panel - Res w/fire' dialog box has a title bar with 'Control panel - Res w/fire' and a 'Send Read' button. It contains the following fields and options:

- System 1 [37]** | **System 2 [37-39]** | **System 3 [40-41]**
- Codes** | **Phone numbers** | **Partition** | **Zones**
- User number**: 1 (dropdown)
- Code**: 1234 (text box)
- Name**: (empty text box)
- Authority**:
 - ☐ Reserved
 - ☐ Arm only
 - ☐ Arm only after close window
 - ☒ Master
 - ☐ Arm/Dismarm
 - ☒ Bypass zones
 - ☒ Open/Close reports
 - ☐ Activate aux outputs
- Partition authority**:
 - ☒ Partition 1
 - ☒ Partition 2

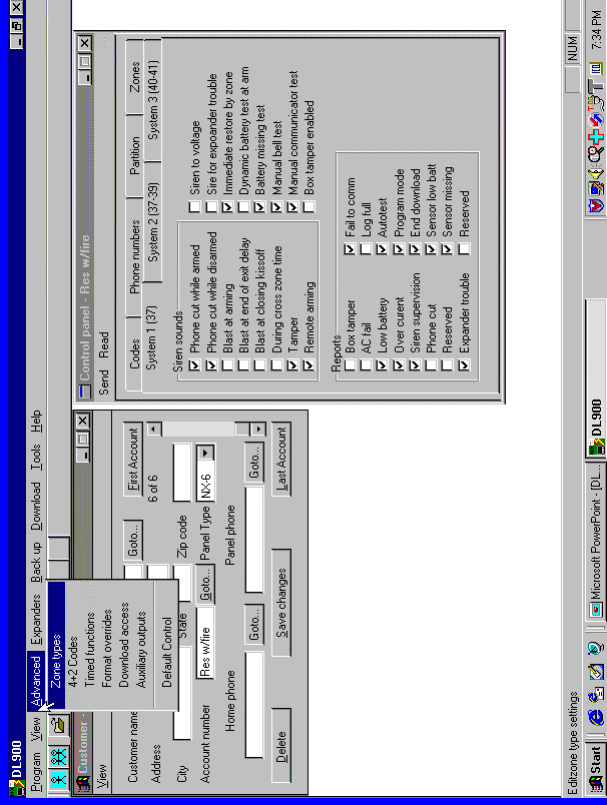
The 'DL900' window also shows a 'View' button and a 'Customer - Res w/fire' window with the following fields and buttons:

- Customer name**: Residential
- Address**: NX-6
- City**: (empty text box)
- State**: (empty text box)
- Zip code**: (empty text box)
- Account number**: (empty text box)
- Res w/fire**: (empty text box)
- Panel Type**: NX-6 (dropdown)
- Panel phone**: (empty text box)
- Hone phone**: (empty text box)
- First Account**: 6 of 6 (dropdown)
- Goto...** (button)
- Goto...** (button)
- Goto...** (button)
- Save changes** (button)
- Delete** (button)
- Last Account** (button)

- 9/11/2002

Advanced Setup

- By using the Advanced pull down menu, you can make advanced feature selection part of your default.
 - Zone types or configuration groups
 - Timed functions
 - Download access
 - Auxiliary outputs



Other Options

- Once you have programmed all of your standard and advanced options, you may add other expanders to your default.
- When you are completely done setting up your options, save the account.

Setting Up Customers Using Defaults

- Start by bringing up the default program you have saved.
- Type over the customers name, add the address, change the account number, and enter the phone numbers.

DL900

Program View Advanced Expanders Back up Download Tools Help

Customer - Res w/fire

View

Customer name Residential Goto...

Address

City State Zip code

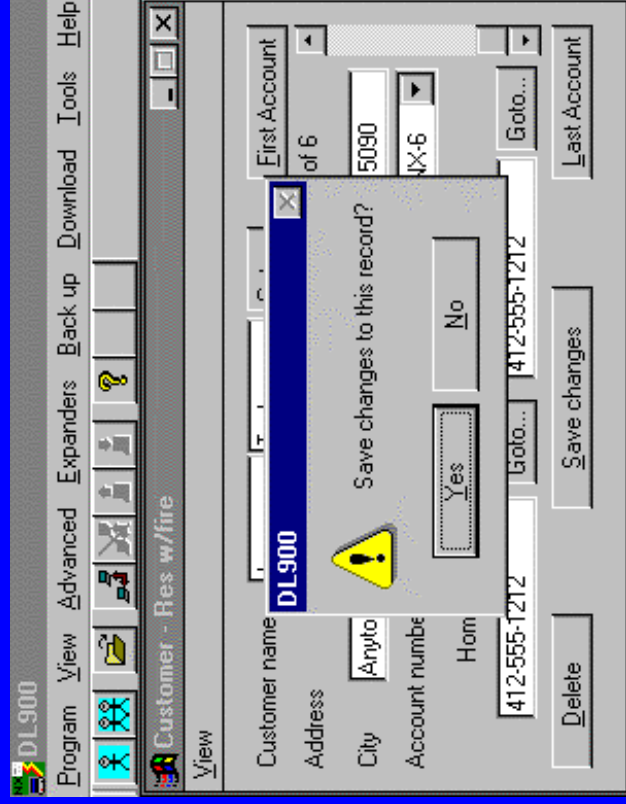
Account number Res w/fire Goto... Panel Type NX-6

Home phone Panel phone

Delete Save changes Goto... Last Account

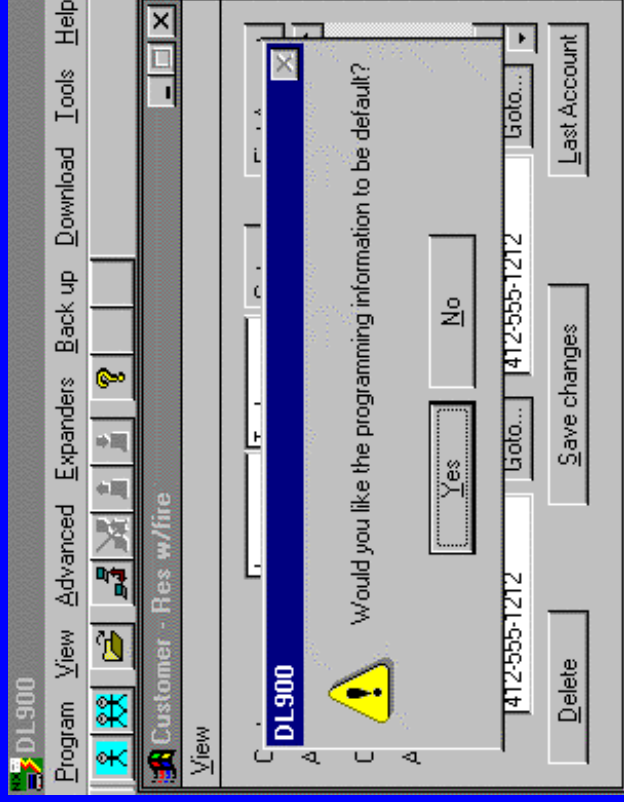
Setting Up Customers Using Defaults

- You will be prompted to save changes.
 - Select Yes



Setting Up Customers Using Defaults

- You will be asked if you want the programming information to be default.
 - Select No
- This will cause the default program you had pulled up to be copied, rather than the standard defaults to be loaded for this account.



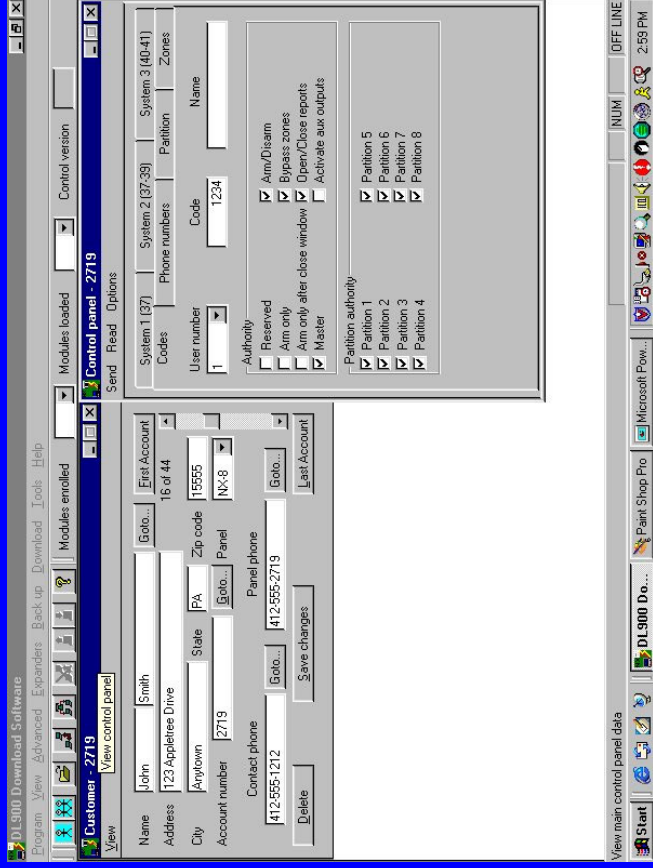
Setting Up Multiple Defaults

- Pull up your customer “default” for the NX-8.
- Make changes desired and save it as a name that is convenient for you to remember. (NX-8 Residential)
- Pull this program up and make other default programs for the NX-8 (such as adding or removing fire, etc.)
 - Remember to select descriptive names that will reflect the differences
- Pull up these programs, change the customer name, the account number, and change the panel type to NX-6.
 - All data that doesn’t apply to the NX-6 will be automatically discarded.

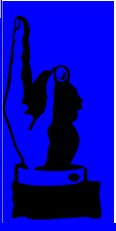
9/11/2017 Repeat for the NX-4.

Program File Folder

- Once a customer has been added, you can program the control panel by pressing the file folder button.
- You can also access this screen by clicking View / Control panel View / Control panel to view the file folder.

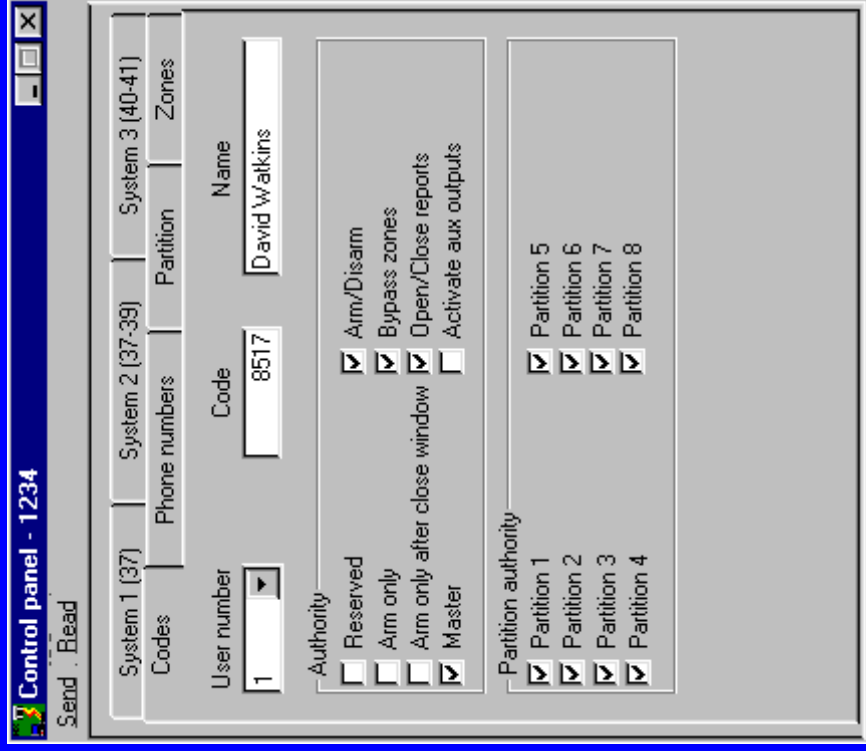


File Folder

- All locations in the programming worksheet with a hand () in front of them will appear in this section.
- This section also includes all user codes, the go to program code, and the duress code.

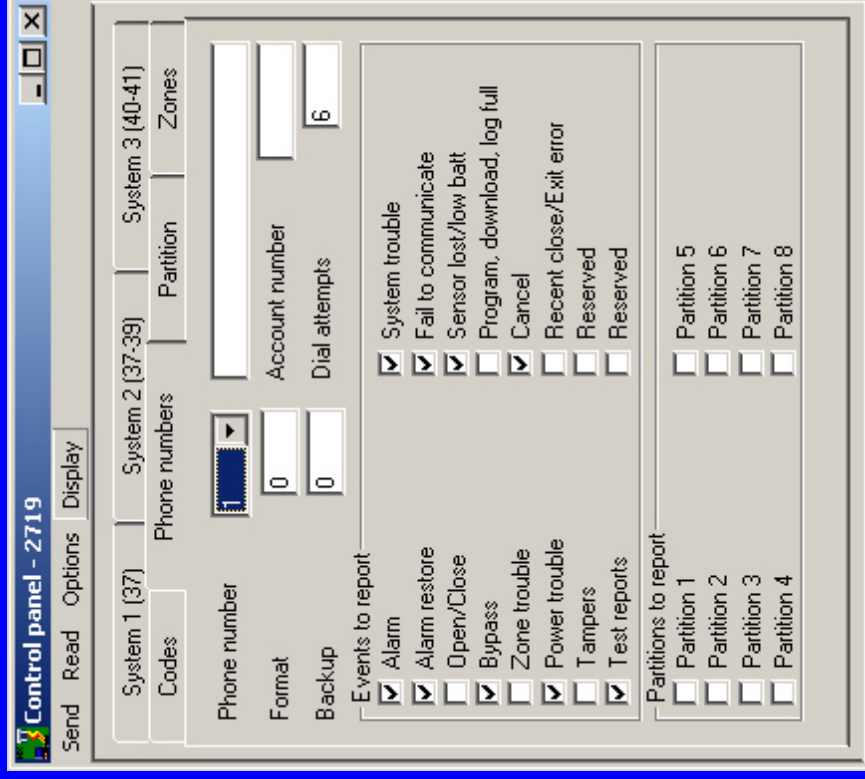
View / Control Panel / Codes

- User codes are the first tab.
- Use the pulldown to select the user number, then enter their code, the user's name as you want it to appear on reports, and attributes.
- Or view as list.



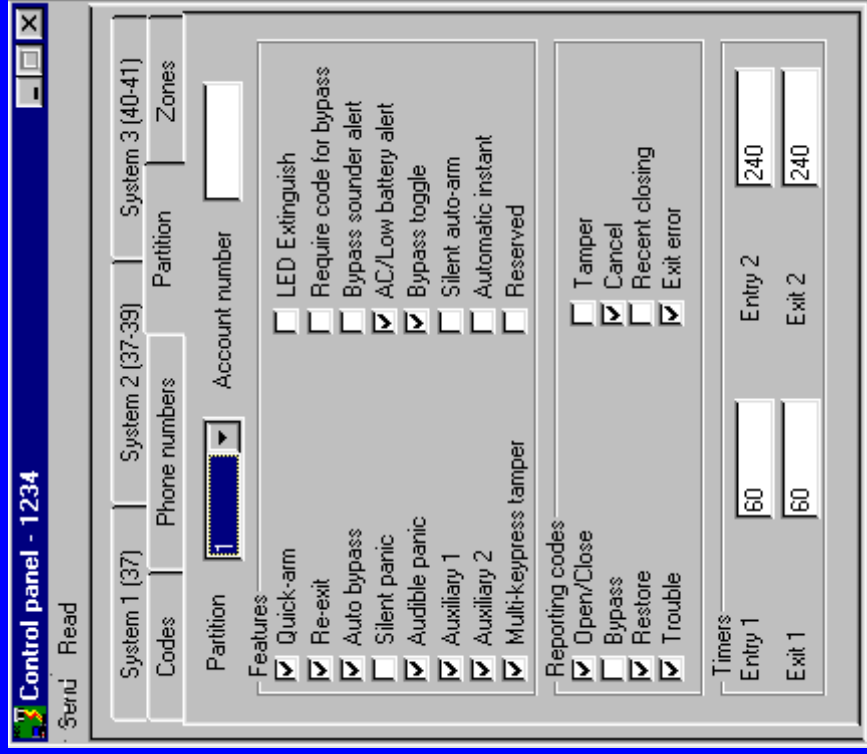
View / Control Panel / Phone Numbers

- Features 4 to 10.
- Phone numbers 1, 2, and 3 are all entered here.
- Don't forget
 - B = the * button on the phone
 - C = the # button on the phone
 - D = 4 second pause in dialing
 - E = end of phone number
 - F = dial touch tone

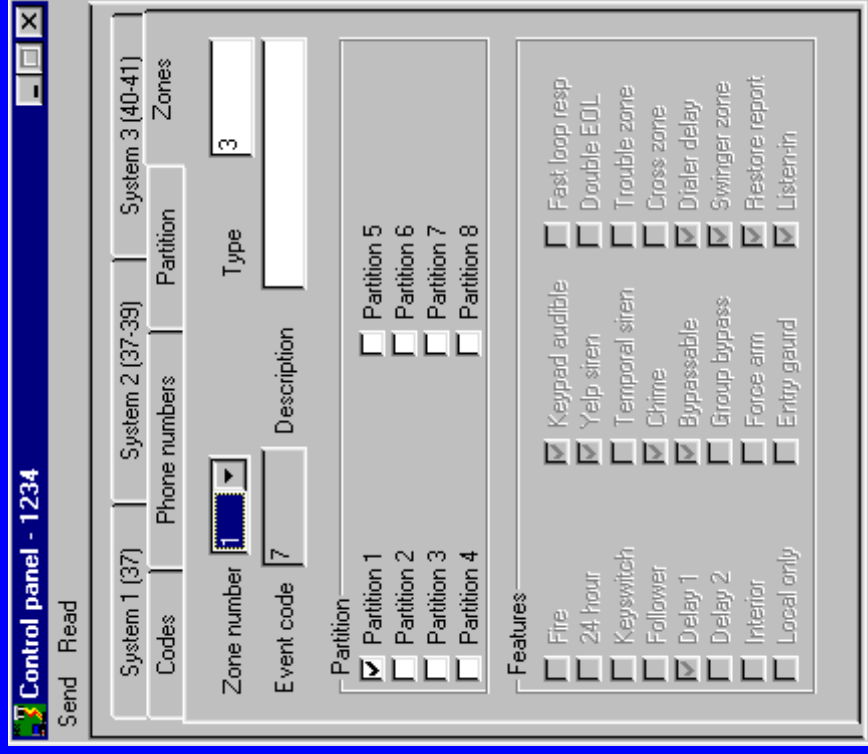


View / Control Panel / Partition

- Used set up AREAS
- Features 16, 17, and 37 to 58.
- The partition tab has the features and account numbers for all partitions.



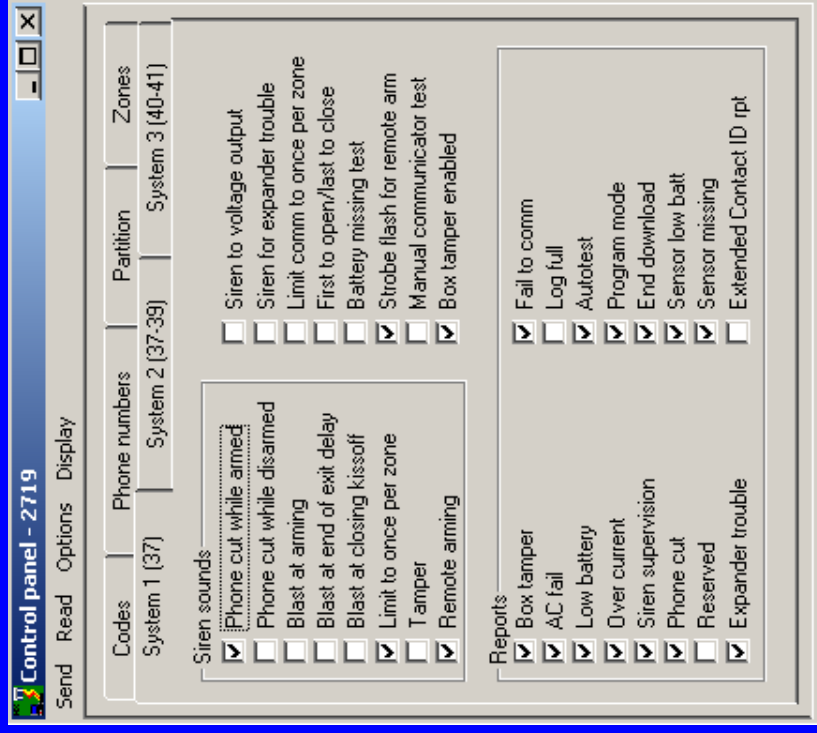
View / Control Panel / Zones



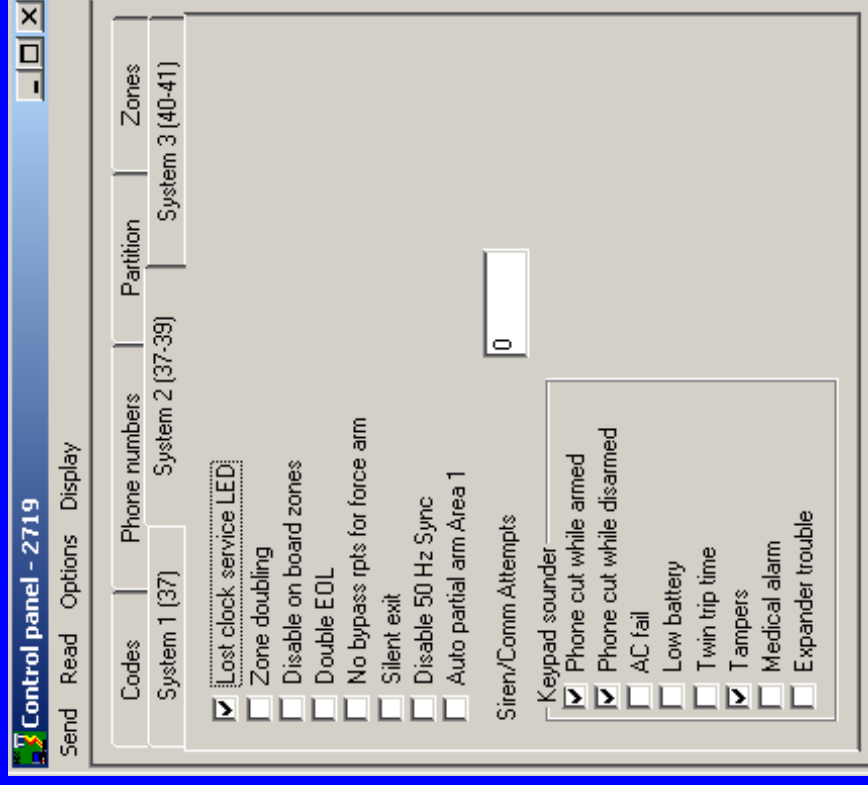
- Features 18 to 21 and 59 to 66.
- You can change the zone type, the partition the zone is in, and the zone description that will show on the LCD Keypad.
- Description will be “grayed out” if no LCD keypads are selected.
- Features will always be “grayed out”, but can be changed in Advanced / Zone Types.

View / Control Panel / System 1

- Feature 22.
- Set the things the siren will sound for.
- Select features.
- Select reports desired.



View / Control Panel / System 2



- Features 22 to 24.
- Select features.
- Select things the keypad should sound for.
- Set siren communications attempts (swinger shutdown)

View / Control Panel / System 3

Control panel - 2719

Send Read Options Display

Codes Phone numbers Partition Zones

System 1 (37) System 2 (37-39) System 3 (40-41)

System timers

Partial entry 20 Dial delay 0

Strobe 0 Fire alarm verification 120

Dynamic battery 2 Listen-in time 0

AC report delay 30

Siren 5

Twin trip time 5

Chime 3

Special features

☐ Six digit codes ☐ Reserved

☐ Code for *98 and *99 ☐ Reserved

☐ Reserved ☐ Reserved

☐ Reserved ☐ Reserved

- Features 0 and 25.
- Select system timers.
 - Affect all partitions on a partitioned system.
- Select special features.

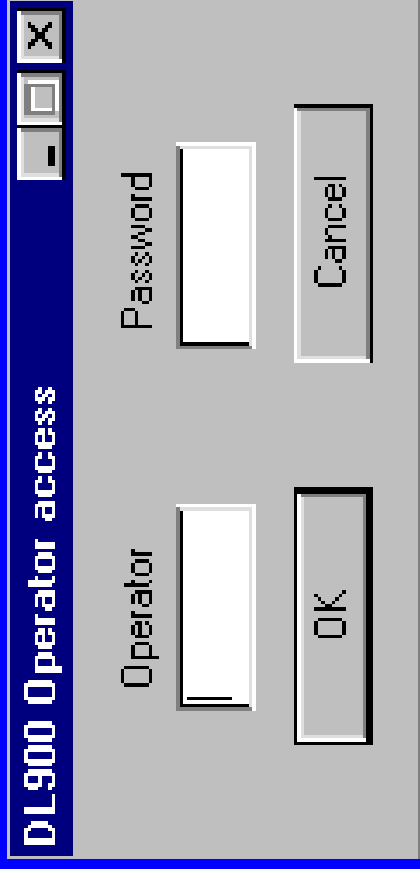
Program Pulldown Menu

Program Options

- Things related to the download program are located in the “Program” pull-down.
- You also have the ability to start the DOS DL-900 from this screen.

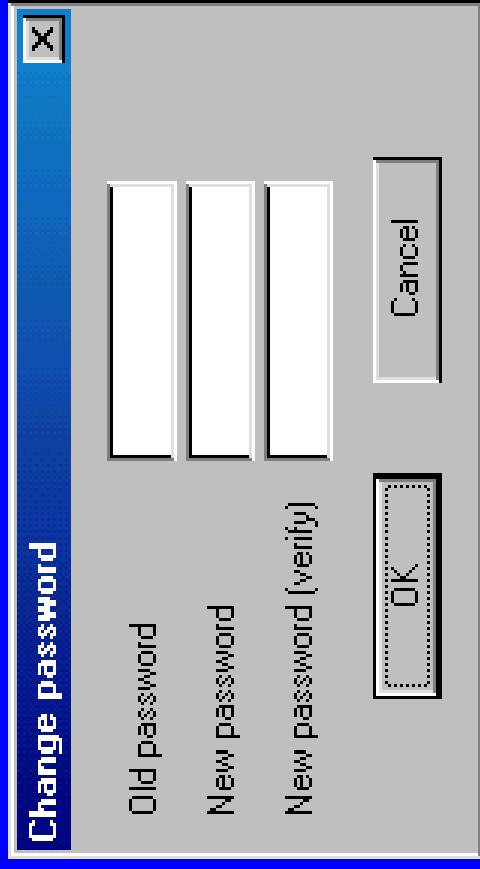


Program / Next Operator



- This function brings up the operator sign-on screen to allow another operator to use the program without completely exiting.

Program / Change Password

A screenshot of a 'Change password' dialog box. The dialog has a title bar with a close button (X). Inside, there are three text input fields labeled 'Old password', 'New password', and 'New password (verify)'. Below the fields are two buttons: 'OK' and 'Cancel'. The 'OK' button is highlighted with a dotted border.

Change password

Old password

New password

New password (verify)

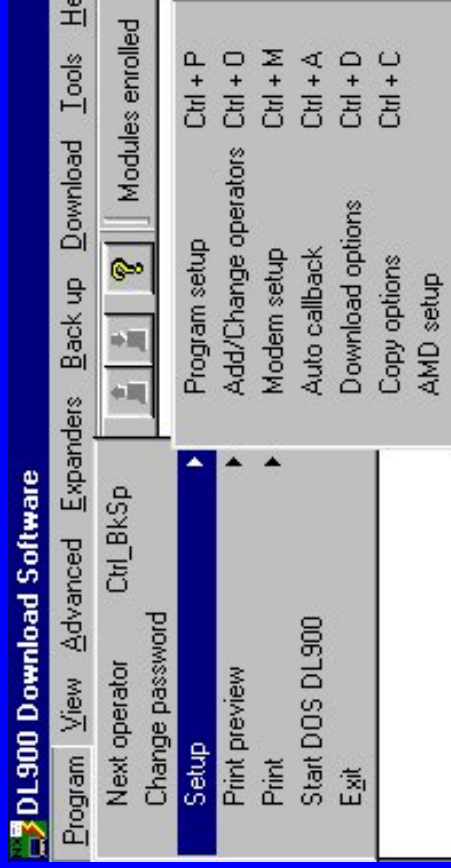
OK

Cancel

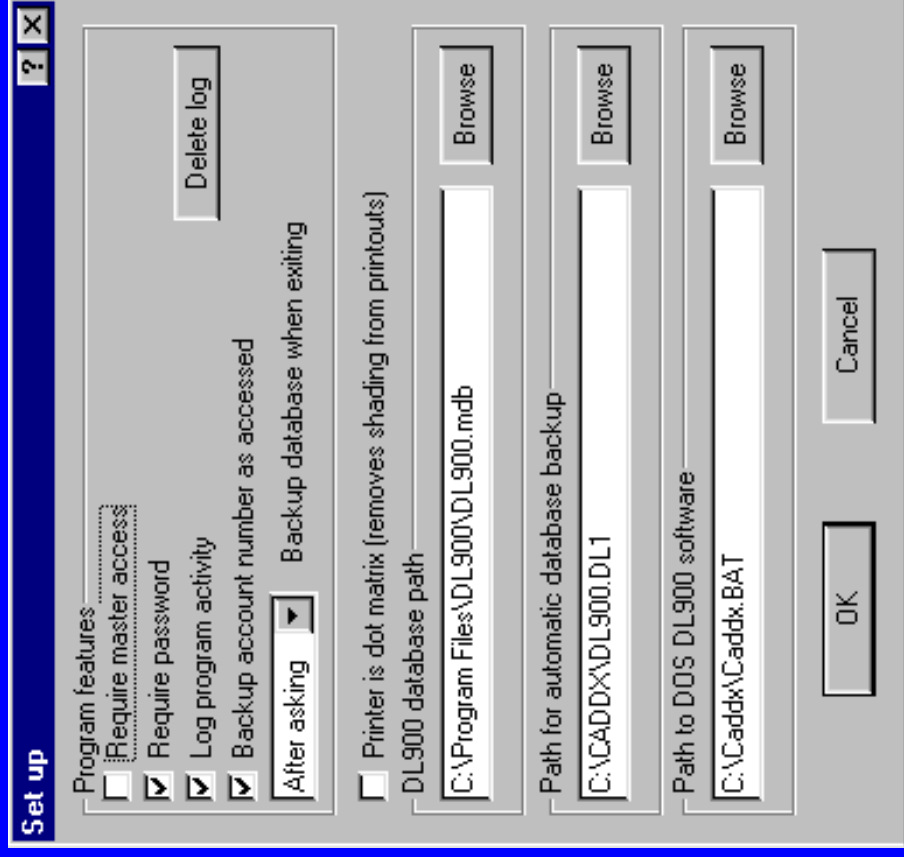
- Used to change the password of the user CURRENTLY USING the software.
- Enter old password, new password, then new password a second time.
- Passwords ARE case sensitive.

Program Setup

- In program setup you can control various aspects of how the program will operate.



Program / Setup / Program Setup



- Select program features.
- Select when you wish to backup the database.
- Tell the program if you are using a dot matrix printer.
- Tell the program where the database files are located.
- Delete log will delete the program log.
- Automatic backup and DOS paths.

Program / Setup / Add or Change Operator

- Add operators name and password.
- Select which things can be read and which can be changed.
- Select which features the operator can access.

Add/Change Operator

Operator: Password:

Read(View) data

- ☐ Arm/disarm codes
- ☐ Communicator phone number
- ☐ Zone information
- ☐ Communicator codes
- ☐ System features
- ☐ Panel clock
- ☐ Download options
- ☐ Keypad
- ☐ Expanders

Change data

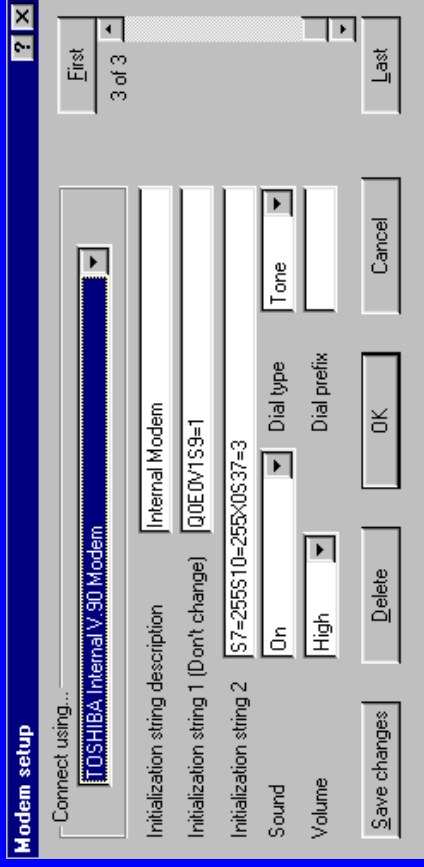
- ☐ Program setup
- ☐ Customer data
- ☐ Arm/disarm codes
- ☐ Communicator phone number
- ☐ Zone information
- ☐ Communicator codes
- ☐ System features
- ☐ Panel clock
- ☐ Download options
- ☐ Keypad
- ☐ Expanders

General options

- ☐ Master access
- ☐ Bypass zones
- ☐ Disarm panel
- ☐ Shutdown panel
- ☐ Delete customer
- ☐ Print customer list
- ☐ Add/change operators
- ☐ Allow auto-answer
- ☐ View logs
- ☐ Print worksheet

OK Delete Cancel

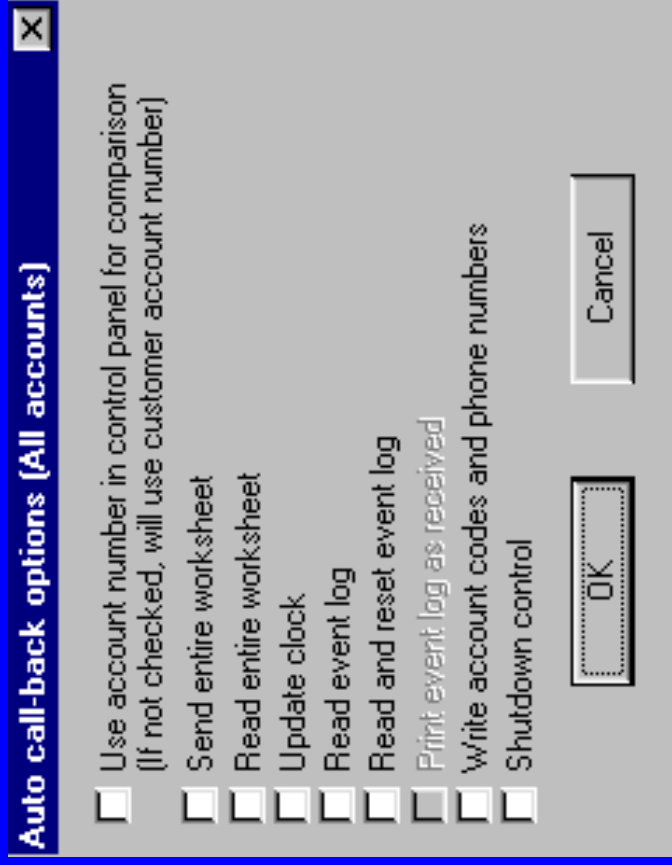
Program / Setup / Modem Setup



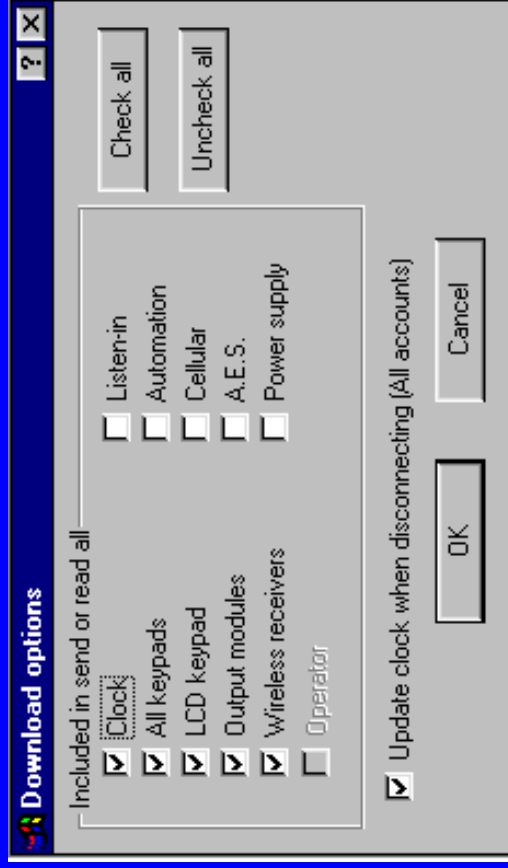
- The pulldown for the modem will show all modems that Windows shows to be available.
- Describe the modem to your liking.
- There is space for two modem strings, TYPICALLY you will only modify string #2.
- Sound options are: On, On until carrier, Off
- Volume Options are: Low, Medium, High
- Dial prefix is available (9,)

Program / Setup / Auto Callback Options

- What do you want the software to do when a control panel calls the software?

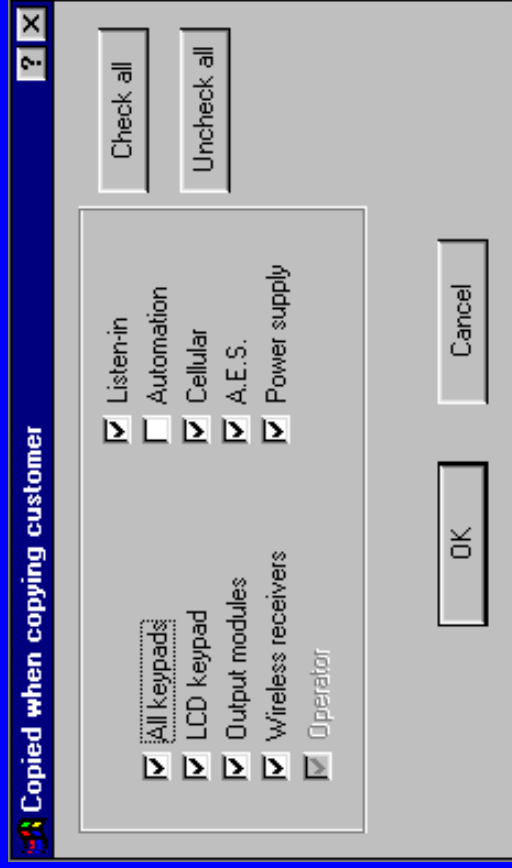


Program / Setup / Download Options



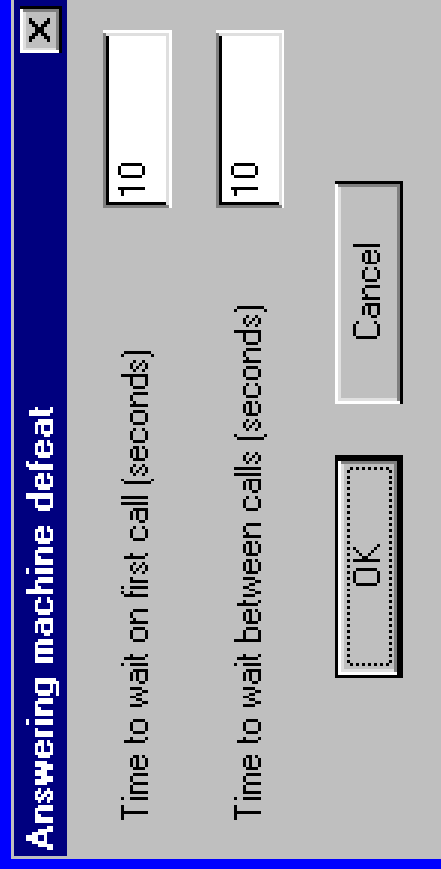
- Select which devices will be sent or read when doing send all or read all.
- Remember, the more devices you select, the longer a send all or read all will take.

Program / Setup / Copy Options



- When copying accounts (like when using defaults), what things do you wish to copy?

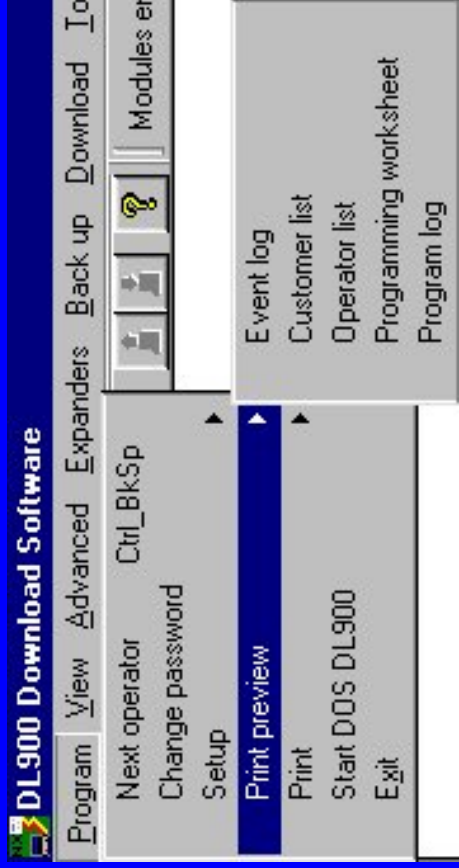
Program / Setup / AMD



- Answering Machine Defeat can now be setup to operate automatically, preventing you from having to manually redial.

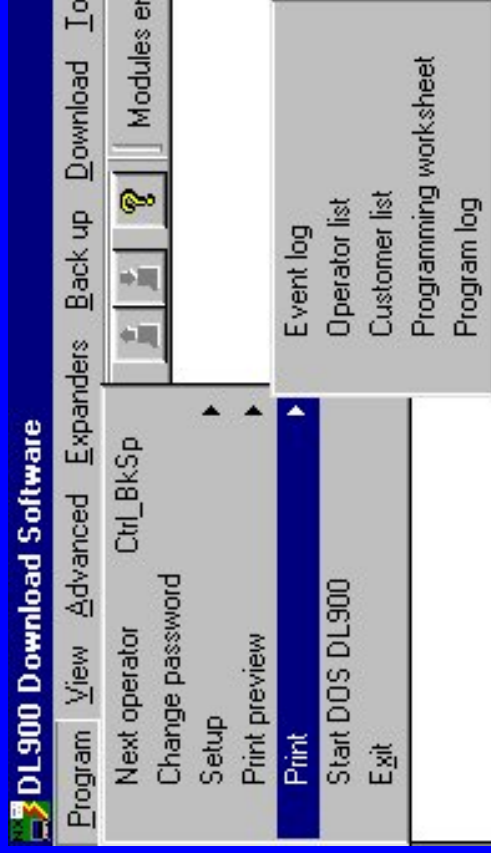
Program / Print Preview

- Select report you wish to preview.
- Allows you to print only selected pages from this screen.



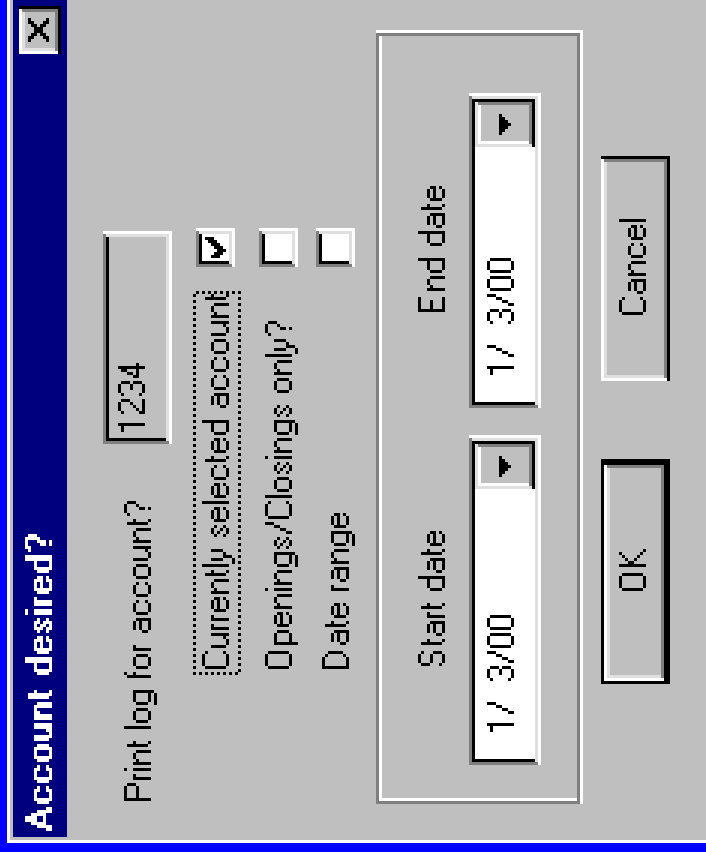
Program / Print Options

- Select report you wish to print.
- Will print ALL pages of a report.



Program / Print / Event Log

- Select the account you wish to print, openings and closings only, and specify the date range you wish to print.



The image shows a Windows-style dialog box titled "Account desired?". It contains the following elements:

- A text input field labeled "Print log for account?" containing the number "1234".
- A group box containing three options:
 - "Currently selected account" with a checked checkbox.
 - "Openings/Closings only?" with an unchecked checkbox.
 - "Date range" with an unchecked checkbox.
- A sub-dialog box at the bottom with two date pickers:
 - "Start date" showing "1/ 3/00".
 - "End date" showing "1/ 3/00".
- "OK" and "Cancel" buttons at the bottom right.

Program / Print / Event Log Report

- Report shows the date and time printed, customer information, and events.
 - Date
 - Time
 - Partition
 - Event
 - Description if applicable.

[illegible]

Program / Print / Operator List

- Select to show or hide operator passwords.

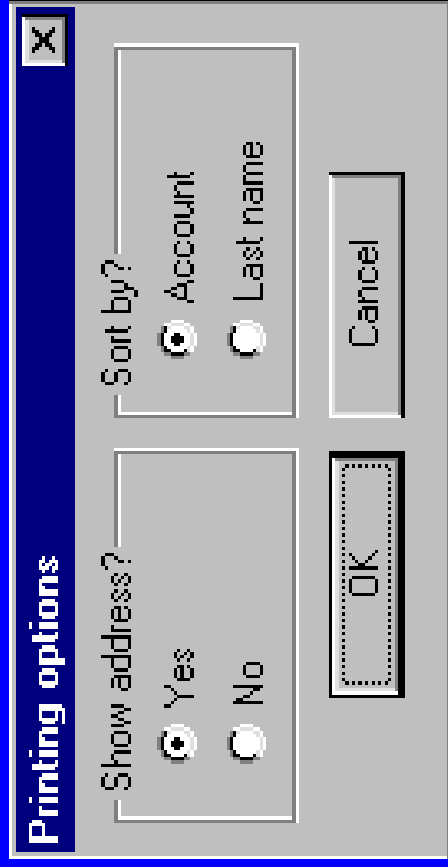


Program / Print / Operator List Report

Jan/3/00 12:53:28		Operator list	
Name	Password		
DAS 1234		☒ Init/stop access	☒ Change custo
		☒ Change user c	☒ Read phone n
		☒ Read phone c	☒ Change phone
		☒ Change coin	☒ Read system t
		☒ Read clock	☒ Change clock
		☒ Change down	☒ Read LCD
		☒ Read expand	☒ Change expand
		☒ Dynamic coin	☒ Shutdown coi
		☒ Print customs	☒ Print worksta
		☒ Change setup	☒ View log
		☒ Init/stop access	☒ Change custo
		☒ Change user c	☒ Read phone n
		☒ Read phone c	☒ Change phone
		☒ Change coin	☒ Read system t
SUPERVISOR 1234		☒ Read clock	☒ Change clock
		☒ Change down	☒ Read LCD
		☒ Read expand	☒ Change expand
		☒ Dynamic coin	☒ Shutdown coi
		☒ Print customs	☒ Print worksta
		☒ Change setup	☒ View log
		☒ Init/stop access	☒ Change custo
		☒ Change user c	☒ Read phone n
		☒ Read phone c	☒ Change phone
		☒ Change coin	☒ Read system t
		☒ Read clock	☒ Change clock
		☒ Change down	☒ Read LCD
		☒ Read expand	☒ Change expand
		☒ Dynamic coin	☒ Shutdown coi
		☒ Print customs	☒ Print worksta

- Shows date and time printed.
- Shows operator password if requested.
- Shows what things the operator is able to do.

Program / Print / Customer List



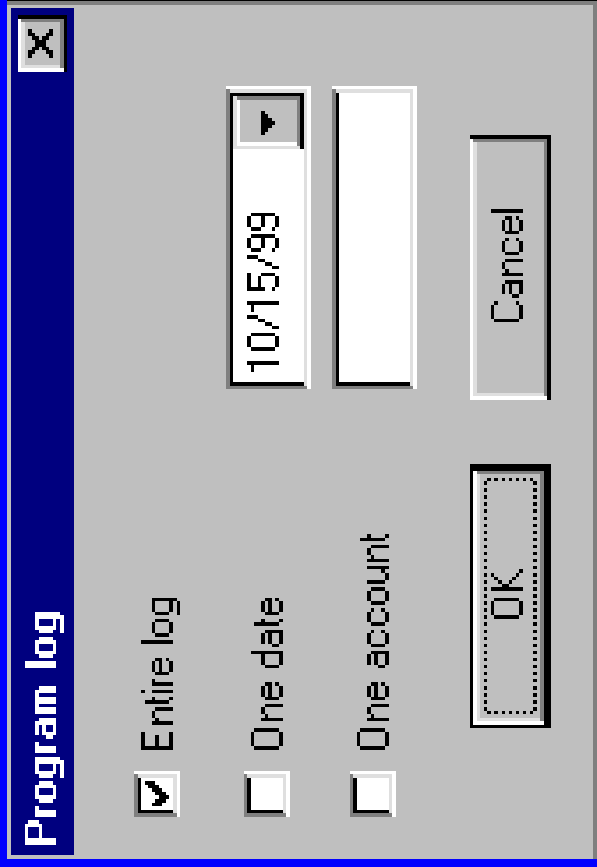
- Select to show or not show address.
- Sort by last name or account number.

Program / Print / Customer List Report

- Shows date and time printed
- Shows customer name and address, account number, contact phone, and panel type.

Customer List				
Name	Account Number	Company	Panel Phone	Panel Type
Jan 7/2000 1:05:13P	0001	00000000	0000	NX-1
A. Test	0002			NX-1
B. Test	123		500	NX-1
Tested David	1234		957-332-7772	NX-1
925 Spruce Dr				
Springfield OH 45504				
Aluma, Inc.	1880		325-3727	NX-1
2756 Luedrup				
Springfield OH 45502				
2800 Dry	2101		608-298-6896	NX-1
West N.Y.				
Deputy Board, Bureau	9676		903-236-2006	NX-1
1420 N Main St				
Chadsworth, TX				
Endtime,	AAAA	957-332-7772	957-332-7772	NX-1

Program / Print / Program Log



- Shows which accounts have been accessed by the download software.
- Select to view the entire log (since the software was loaded), a single date, or a single account.

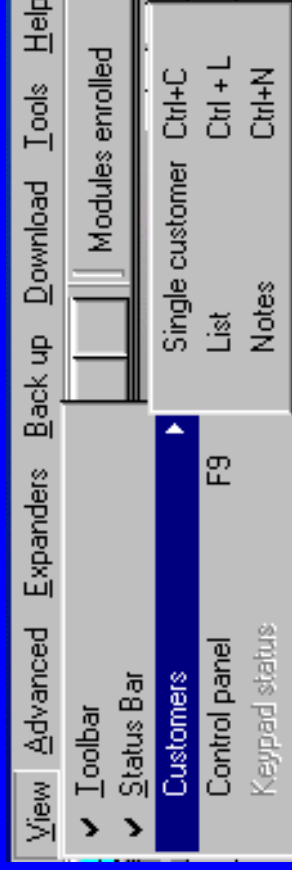
View Pulldown Menu

View Options



- View Toolbar shows the button bar we talked about earlier.
- View Status Bar shows a bar across the bottom of the screen that tells if you have number lock, cap lock, or scroll lock turned on.
- Select any other option for what you would like to see on screen.
- View Keypad Status only works when online with a control panel.

View / Customers



- When selecting to view customers, you can view either a single customer, a list of customers, or notes about customers.

View / Customers / Single Customer

The screenshot shows a web browser window with the title bar 'DL900'. The address bar shows 'Program View Advanced Expanders Back up Download Tools Help'. The main content area displays a form titled 'Customer - Res w/fire'. The form has the following fields and controls:

- Customer name:** A text box containing 'Residential' and a 'Goto...' button.
- Address:** A text box.
- City:** A text box.
- State:** A dropdown menu.
- Zip code:** A text box.
- Account number:** A text box.
- Res w/fire:** A dropdown menu.
- Panel Type:** A dropdown menu.
- Home phone:** A text box.
- Panel phone:** A text box.
- Buttons:** 'Delete', 'Save changes', 'Goto...', 'Goto...', 'Goto...', 'Last Account'.

- From this screen I can search by either last name, account number, home phone, panel phone, or scroll through the customers using the scroll bar.

View / Customers / Customer List

Customer list - 0001

View

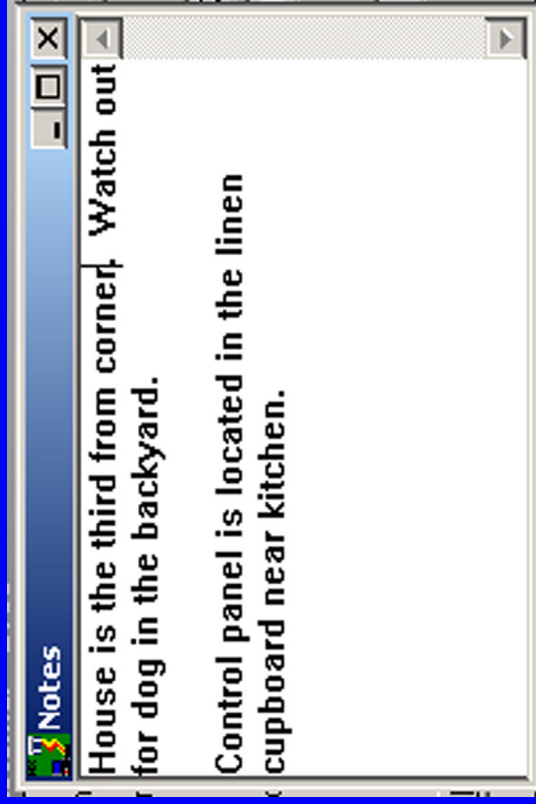
Account number	First name	Last name	Panel type	Address	City	State	Zip code	Home phone
0001	Test	Data	NX-8					
0002	Test	2	NX-8					

Save changes Delete customer

- This option will show me a list of customers. I can click at the top of account number, last name, panel type, or home phone to sort the list.
- Clicking on the button at the far left and highlighting the account will select that particular account.
- Note that you can change the account from this screen, and you can delete a customer from this screen.

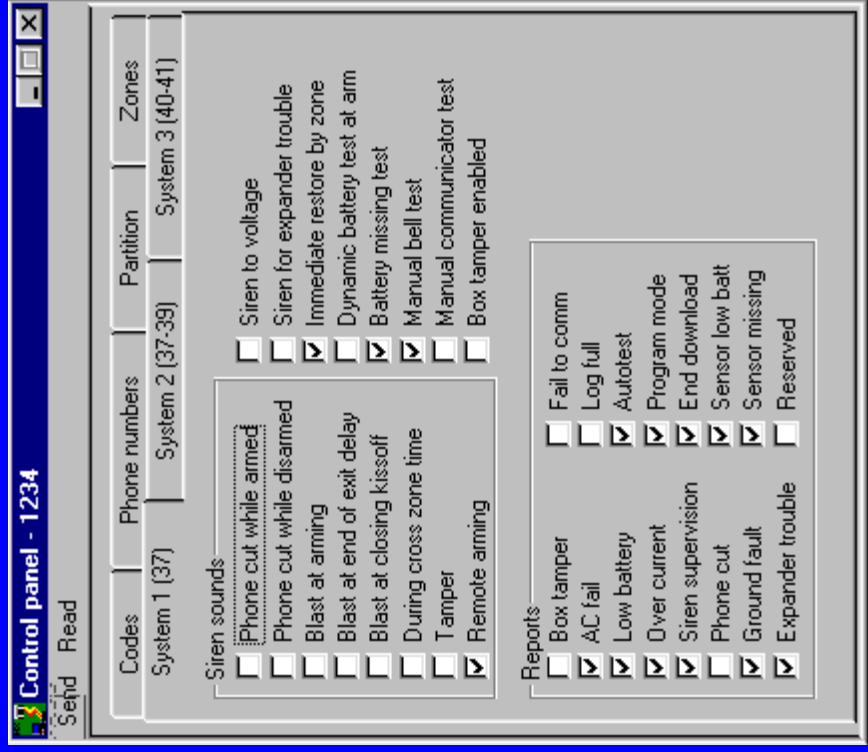
View / Customers / Notes

- Allows you to put in customer specific notes. These notes will only show while the specific customer is selected.



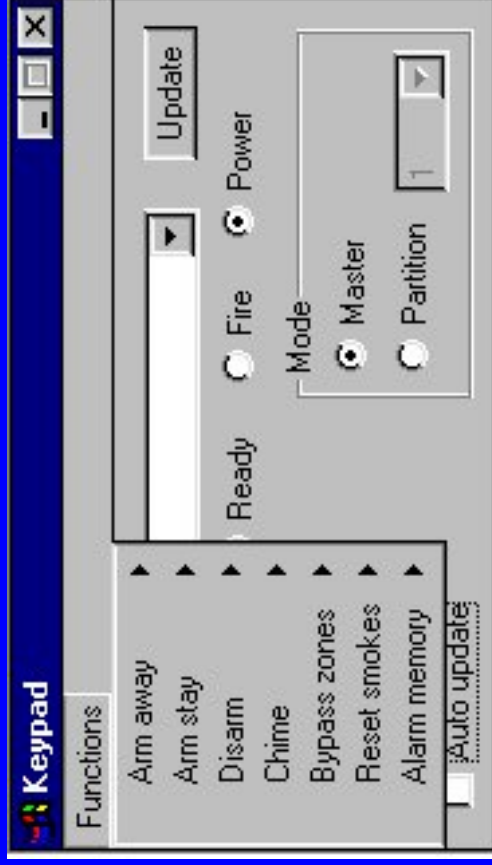
View / Control Panel

- Same as clicking the file folder button.

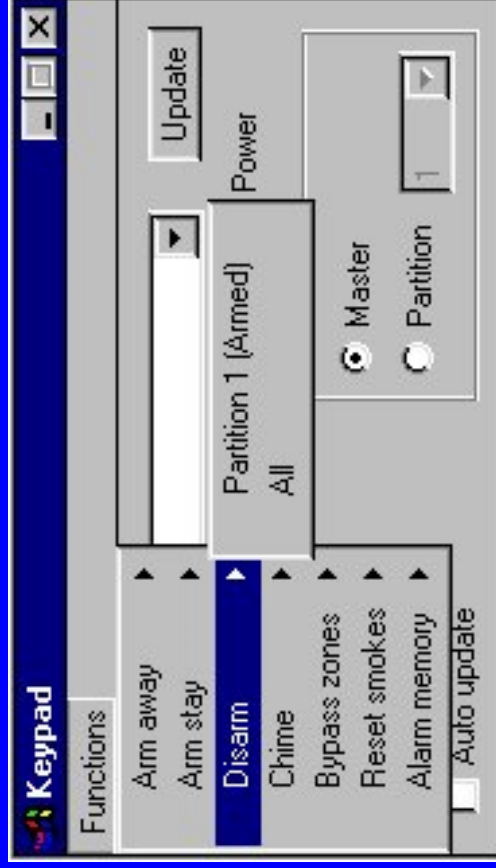


View / Keypad / Functions

- From the functions pulldown, I can arm in either the stay or away modes, disarm, turn on and off the chime, bypass zones, reset smoke detectors, or view alarm memory.



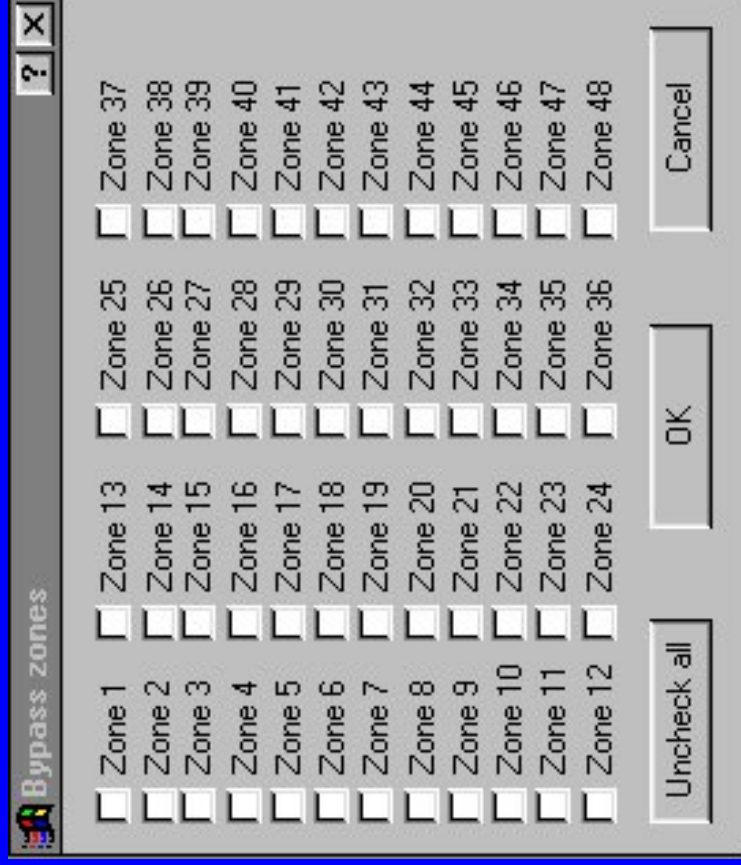
View / Keypad / Arming And Disarming



- When arming or disarming, you can choose to operate only the current partition, or all partitions.
- **Armings and disarmings will appear as keyswitch armings or disarmings in the history and event log.**

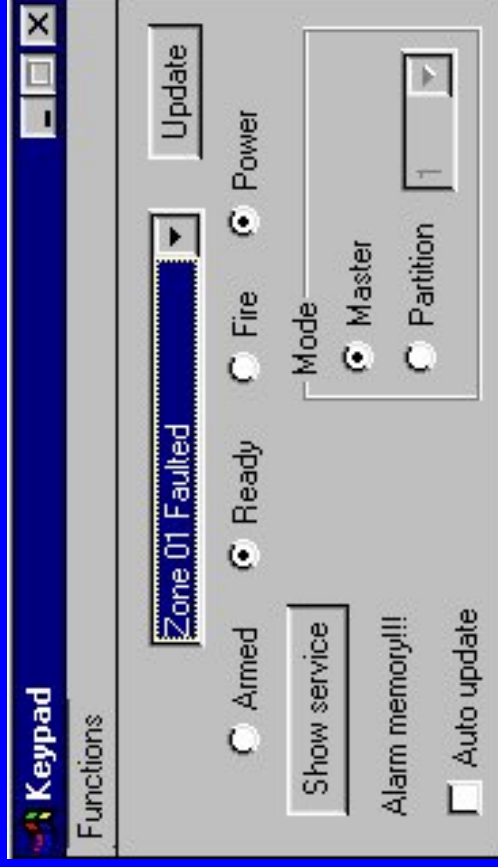
View / Keypad / Bypass Zones

- Select the zone or zones to bypass, and click OK. Those zones will then bypass.

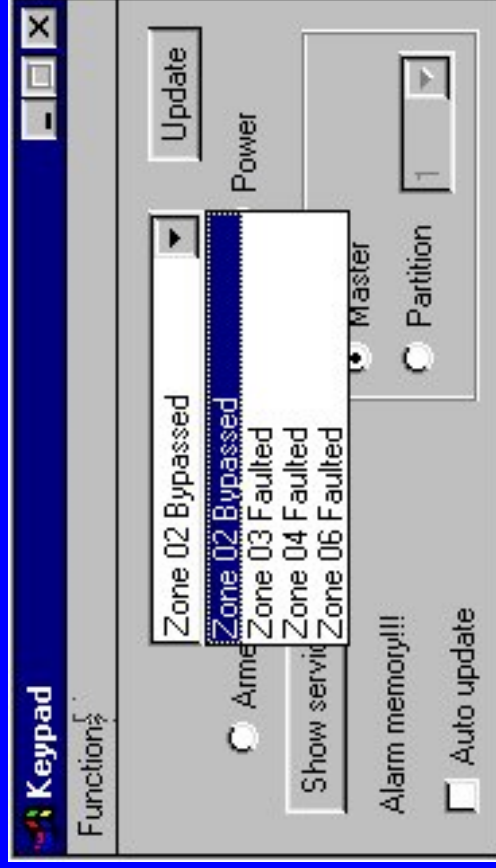


View / Keypad Status / Alarm Memory

- In this view, only one zone caused the alarm, and no zones were bypassed.



View / Keypad Status / Alarm Memory



- In this view, when I use the pull down, I can see that zone 2 was bypassed, and zones 3, 4, and 6 were in alarm.

Advanced Pulldown Menu

Advanced Options



- Select the advanced programming feature you wish to access from this screen.
- You can also default the control panel programming from this screen.

Advanced / Zone Types

The screenshot shows a window titled "Zone types - abcd" with a "Send" button and a "Read" button. The "Zone type" is set to "1" in a dropdown menu. The "Alarm event code" is set to "8" in a text box. The window contains two columns of checkboxes for configuring the zone type.

Zone type	Alarm event code
☐ Fire	☐ Keypad audible
☐ 24 hour	☐ Fast loop resp
☐ Keyswitch	☐ Yelping siren
☐ Follower	☐ Double EOL
☐ Delay 1	☐ Temporal siren
☐ Delay 2	☐ Chime
☐ Interior	☐ Bypassable
☐ Local only	☐ Group bypass
	☐ Force armable
	☐ EntryGuard
	☐ Trouble zone
	☐ Cross zone
	☐ Dialer delay
	☐ Swinger zone
	☐ Restore report
	☐ Listen-in

- Features 67 to 106.
- Shows zone type (not zone number), and the event code that will be sent to the central station.
- Select the features for this zone type.
- Affects all zone numbers set as this type of zone.

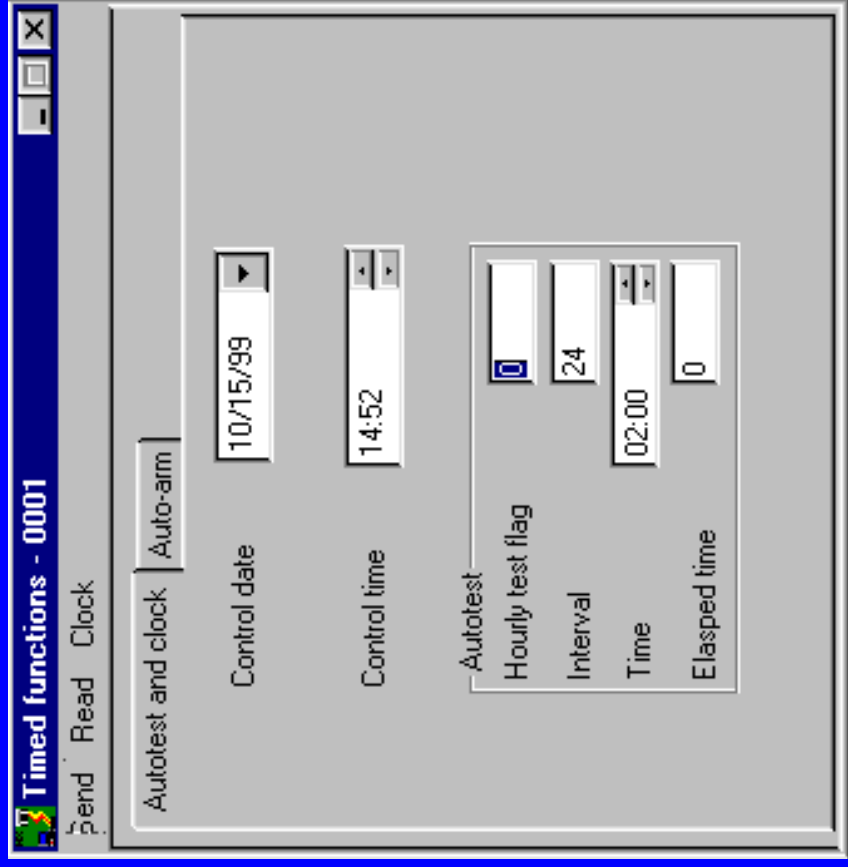
Advanced / 4+2 Communicator Codes

- Features 56 through 87.
- System 1 and system 2 are system wide (all partitions).
- Partition tab is codes that can change from partition to partition (56 through 61 and 77 through 78).

The screenshot shows a window titled "4+2 Communicator codes - abcd" with a "Send" button and a "Read" button. The window has two tabs: "System 1" and "Partition". The "Partition" tab is selected, displaying a list of codes and their descriptions. The codes are arranged in two columns, with the descriptions on the left and the code values on the right.

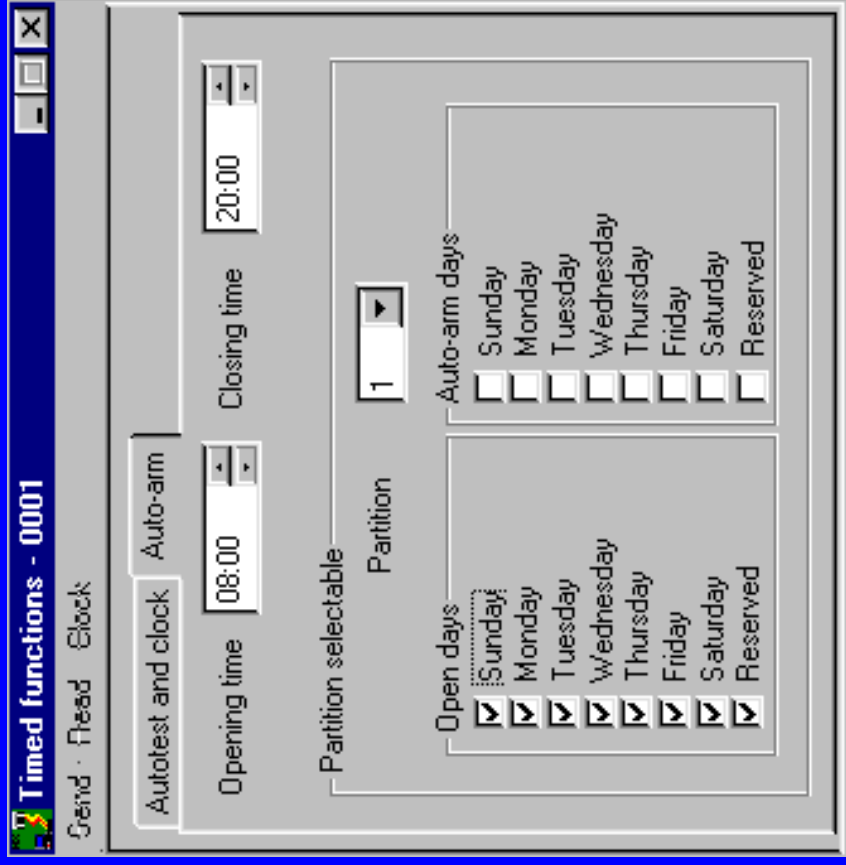
System 1	System 2	Partition	
Duress	00	Auxiliary 1	00
Auxiliary 2	00	Keypad panic	00
Multi-keypress tamper	00		
Box tamper	00	Box tamper restore	00
AC fail	00	AC fail restore	00
Low Battery	00	Low battery restore	00
Power short	00	Power short restore	00
Bell tamper	00	Bell tamper restore	00
Phone cut	00	Telephone cut restore	00

Advanced / Timed Functions / Autotest and Clock



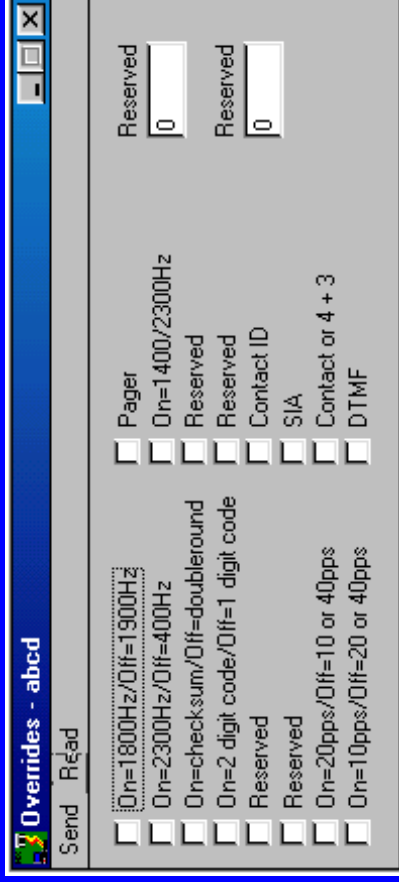
- Feature 32 and keypad functions *95, *96, and *97.
- Sets date and time of control panel, and how autotest will be performed.

Advanced / Timed Functions / Auto-arm



- Features 33 to 36.
- Sets the opening time and closing time for restricted codes and automatic arming.
- Set the days that openings are allowed and the days automatic arming is desired.
- Selectable by partition, but all must use the same time schedule.

Advanced / Format Overrides



Do not program anything in this location unless specifically instructed to do so by technical support.

- Used to communicate with “non-standard” receivers.

Advanced / Download Access

Download access - abcd

Send Read

Access code: 848000000

Rings to answer: 8

Call-back phone number:

☐ Two call answering machine defeat

☐ Tone sniff answering machine defeat

☐ Require call-back before download

☐ Shutdown

☐ Lock out all local program

☐ Lock out communicator

☐ Lock out download

☐ Call-back at autotest interval

- Features 12 to 15.
- Set the access code to protect from takeover by computer.
- **Access code in the software must match the panel.**
- Callback number needs to be put in EXACTLY the way the panel is to dial.

Advanced / Auxiliary Outputs



- Features 26 to 31
- Select the output you wish to control.
- Select the event number from the list in your installation manual.
- Select how long you wish the output to stay on, and when you wish it on.
- Select which partition the event should be occurring in.

Expanders Pulldown Menu

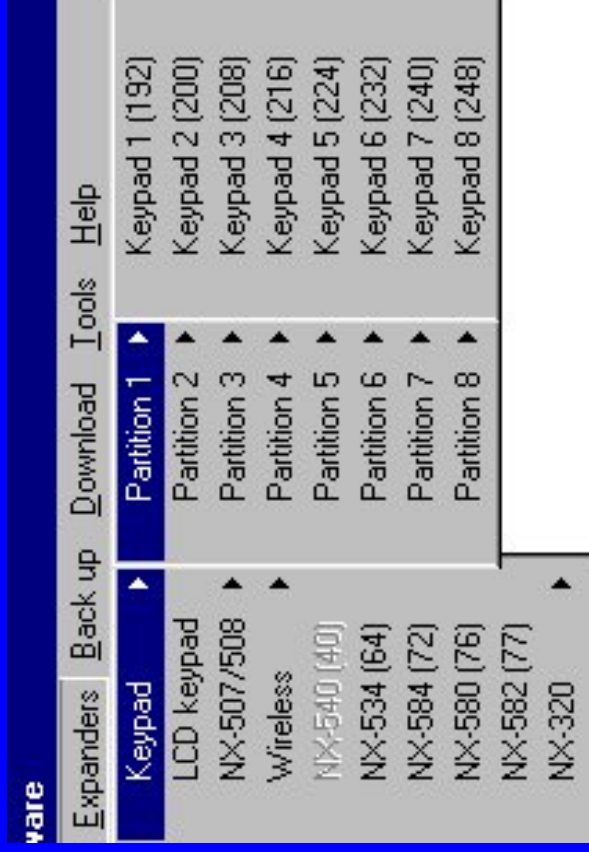
Expanders Options

- Select the expander you wish to program from this menu.



Expanders / Keypad / Partition

- Performs the same functions as the *93 command does at the keypad.
- The *94 function MUST have been done at the keypad at the time of installation for this section to work.



Expanders / Keypad Type



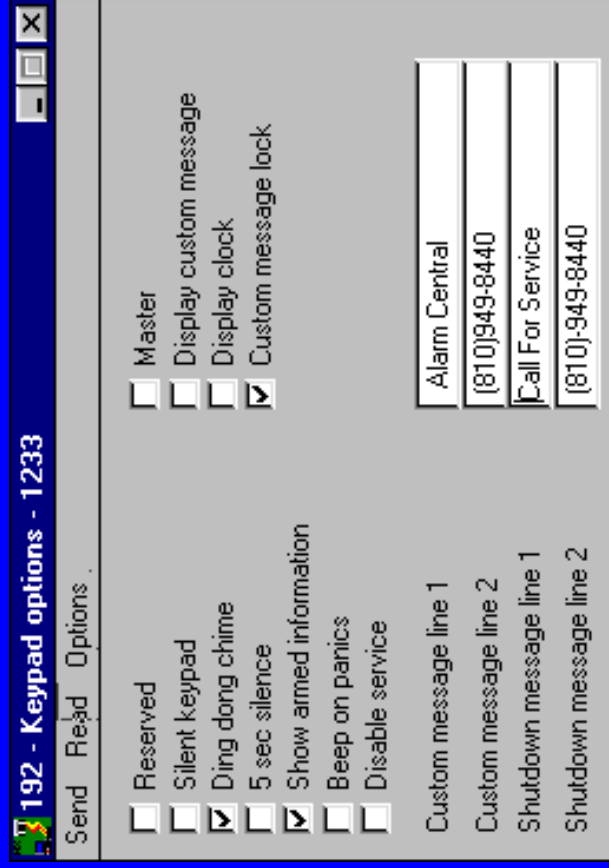
- Box will appear when either a Expanders / Keypad / Partition / Keypad # is selected, or when Expanders / LCD Keypad is selected.
- Select whether the keypad is a “standard” or “dual language” keypad.
- LED Keypads **ARE NOT** supported.

Expanders / Keypad / Partition / Standard / Keypad Number



- Allows selection of keypad options (*93 function) and displays the custom message and shutdown messages that will appear on that keypad.

Expanders / Keypad / Partition / Standard / Keypad Number



- When custom message lock is checked, custom messages are displayed, and can be changed.

Expanders / Keypad / Partition / Dual Language / Keypad Number

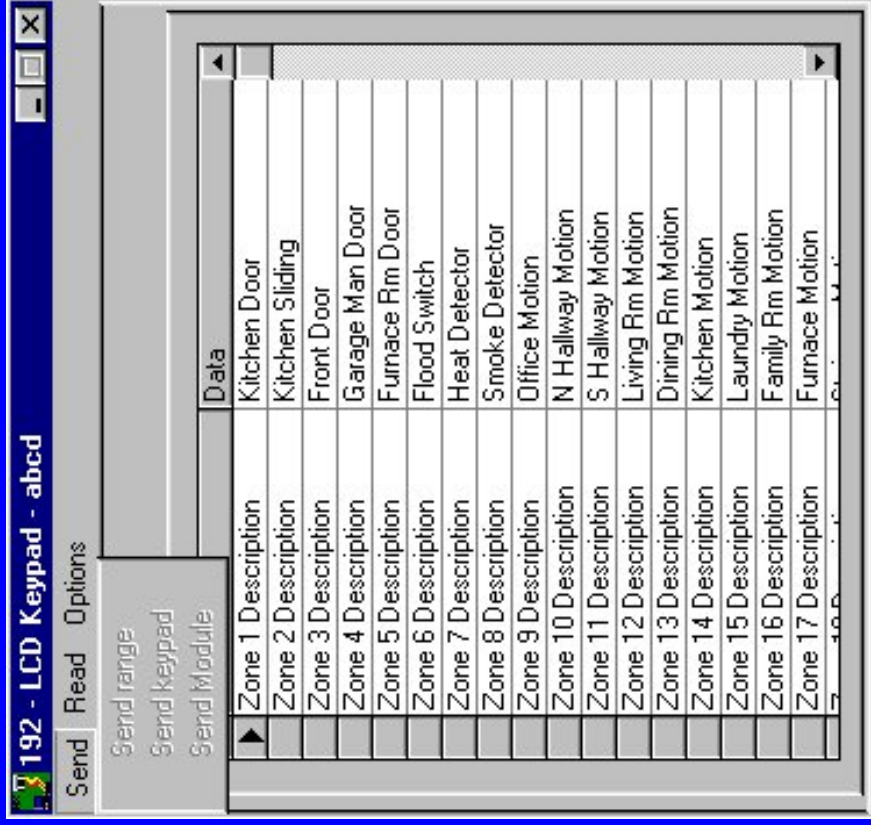
200 - Keypad options - 0002

Send Read Options

☐ Reserved	☐ Master
☐ Silent keypad	☐ Display custom message
☒ Ding dong chime	☐ Display clock
☐ 5 sec silence	☐ Custom message lock
☒ Show armed information	☐ Language 2
☐ Beep on panics	☐ Show Menu
☐ Disable service	☐ Ignore LED ext.
Custom message line 1	NX-8 from CADDX
Custom message line 2	America's Finest
Shutdown message line 1	FIRE
Shutdown message line 2	TROUBLE
Custom message line 1	NX-8 from CADDX
Custom message line 2	America's Finest
Shutdown message line 1	FIRE
Shutdown message line 2	TROUBLE

- If dual languages are chosen, you can select two different custom messages and two different shutdown messages.
- To display both, language 2 must be checked.

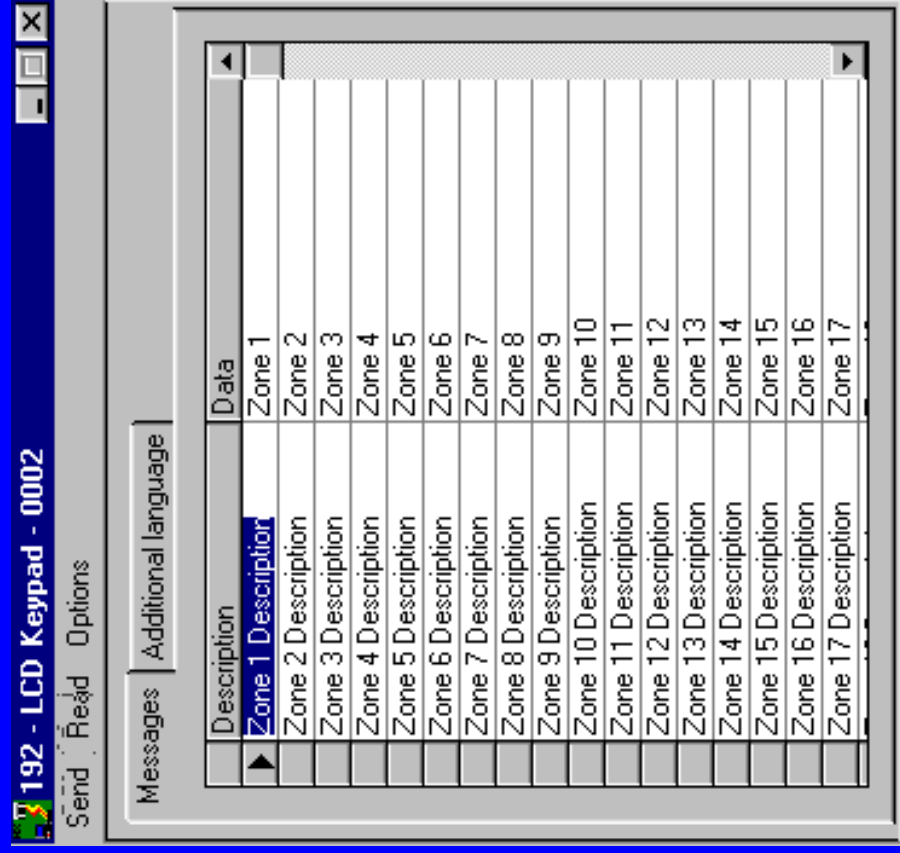
Expanders / LCD Keypad / Standard



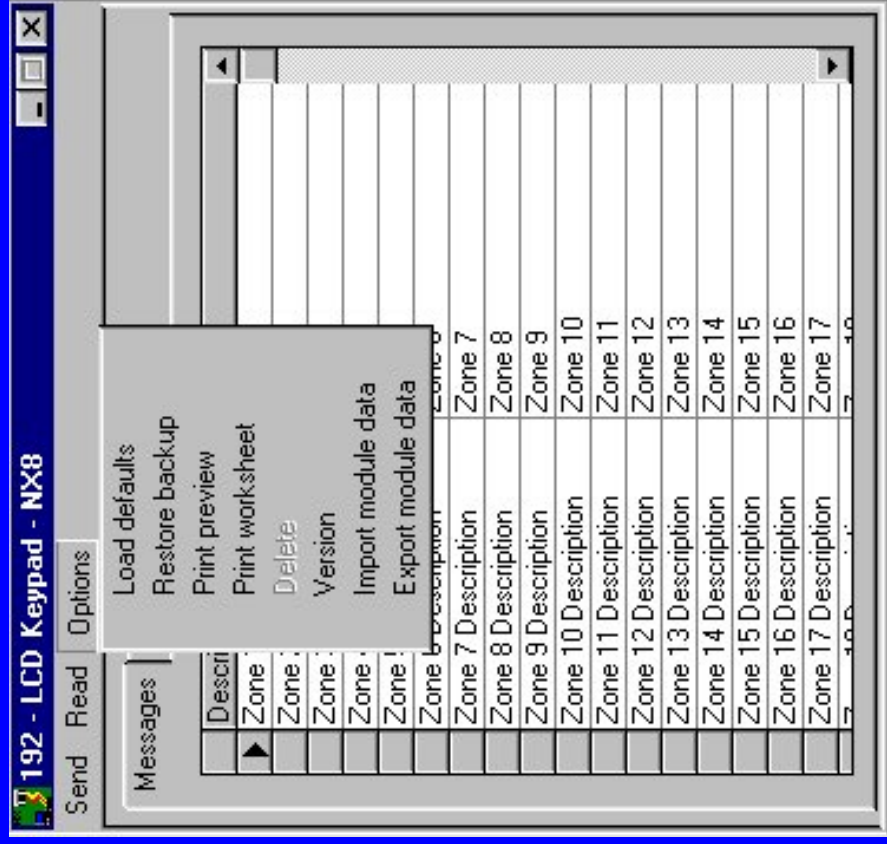
- Zone descriptions, custom messages and shutdown messages are displayed.
- Changes will affect ALL keypads.
- Flash and ASCII character functions are NOT available.
- Send or read range entire keypad, and module are options.

Expanders / LCD Keypad / Dual Language

- If dual language is selected, the LCD screen will give you a tab for additional language.



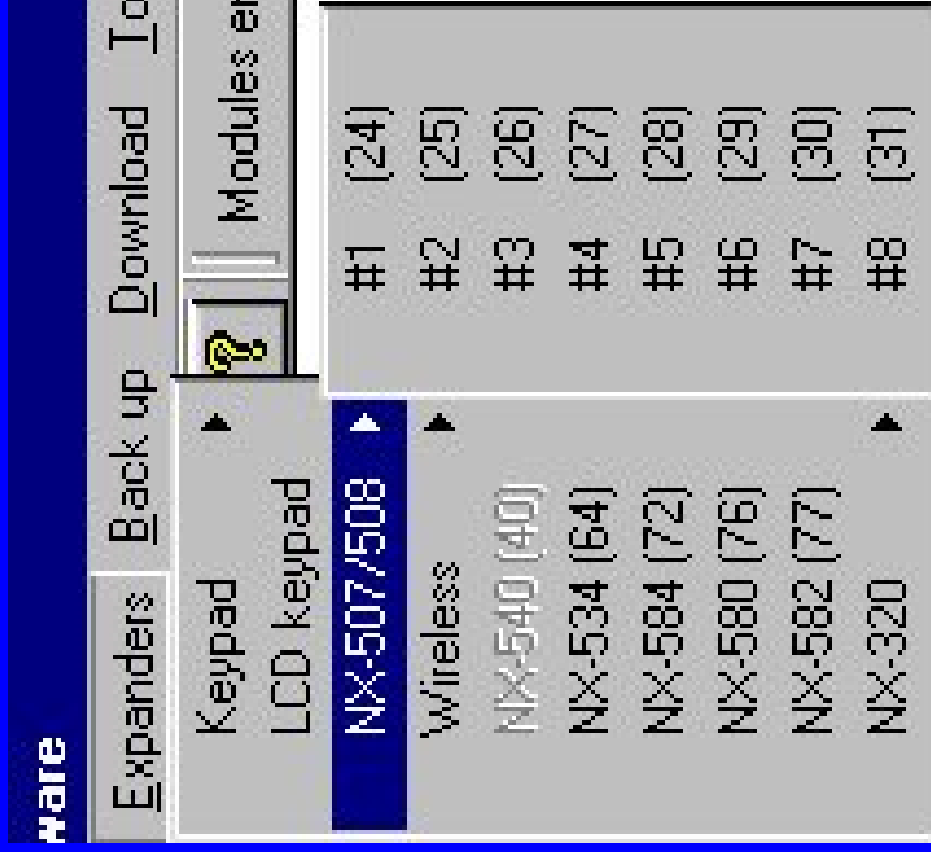
Expanders / LCD Keypad / Options



- Options include:
 - Load defaults
 - Restore backup
 - Print preview
 - Print worksheet
 - Delete
 - Version number (of the keypad chip)
 - Import module data
 - Export module data

Expanders / Output Modules (NX-507 / NX-508)

- Select output module you wish to program (read the DIP switches on the module).
- Factory default for 507 / 508 boards is 29.



Expanders / Output Modules

(NX-507 / NX-508) / Outputs

- Features 0 through 31.
- Select the output number and description, then the event, zone, time, X-10 settings, functions, which partition the data will be coming from, and which schedules to follow.

24 - Output module - 1234

Send Read Options

Outputs Schedules Holidays / Code enable

Output: 1 Description: 5

Event: 42 Zone: 0 Time: 0

X-10 module: 0 X-10 house code: 0

Functions:

- ☐ Timed in minutes
- ☐ Latch
- ☐ Stop time with code
- ☐ Closed schedule
- ☐ Open schedule
- ☐ Inverted
- ☐ Log in event buffer
- ☐ Reserved

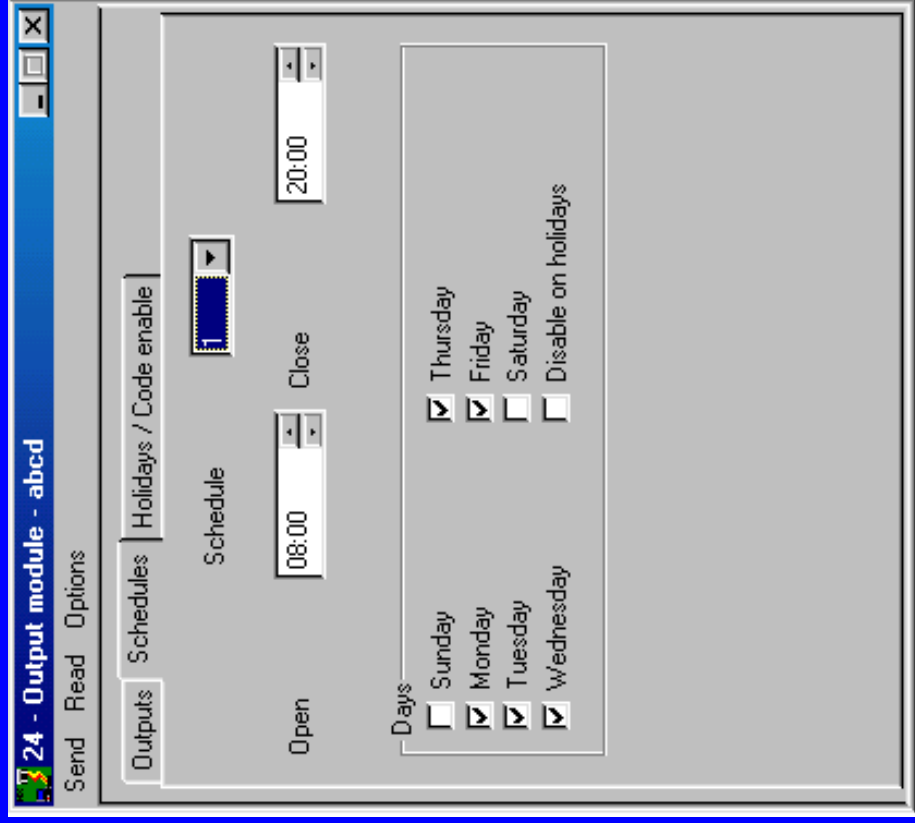
Partitions:

- ☒ Partition 1
- ☐ Partition 2
- ☐ Partition 3
- ☐ Partition 4
- ☐ Partition 5
- ☐ Partition 6
- ☐ Partition 7
- ☐ Partition 8

Schedules:

- ☒ Schedule 1
- ☐ Schedule 2
- ☐ Schedule 3
- ☐ Schedule 4
- ☐ Schedule 5
- ☐ Schedule 6
- ☐ Schedule 7
- ☐ Schedule 8

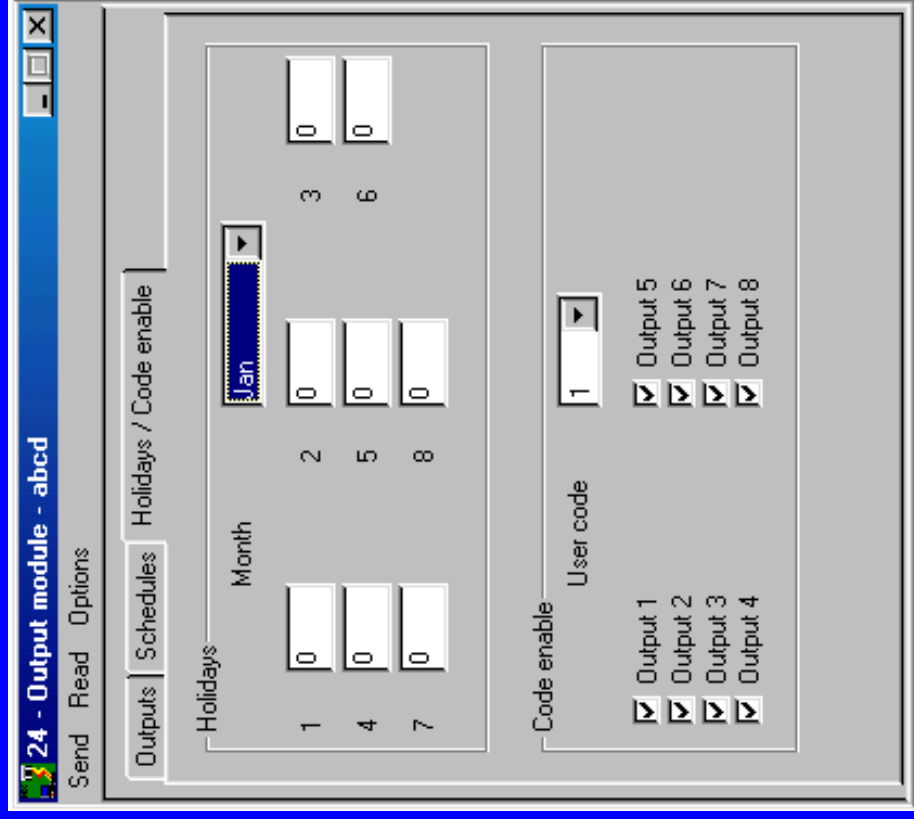
Expanders / Output Modules (NX-507 / NX-508) / Schedules



- Features 32 through 55.
- Select which schedule you wish to set.
- Select the opening and closing times.
- Select which days you want to follow those times.

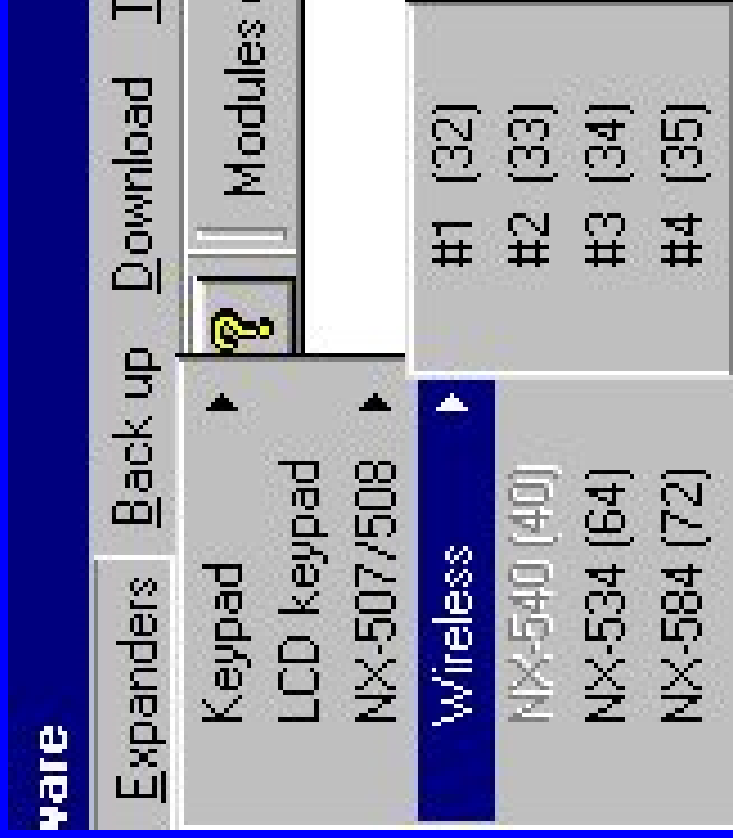
Expanders / Output Modules

(NX-507 / NX-508) / Holidays



- Features 56 through 77.
- Select the month from the pulldown and add up to 8 dates during that month that are considered holidays.
- Select which user codes can switch which output on and off.

Expanders / Wireless



- Select wireless module you wish to program (read the DIP switches on the receiver).
- Factory default for receivers is 35.

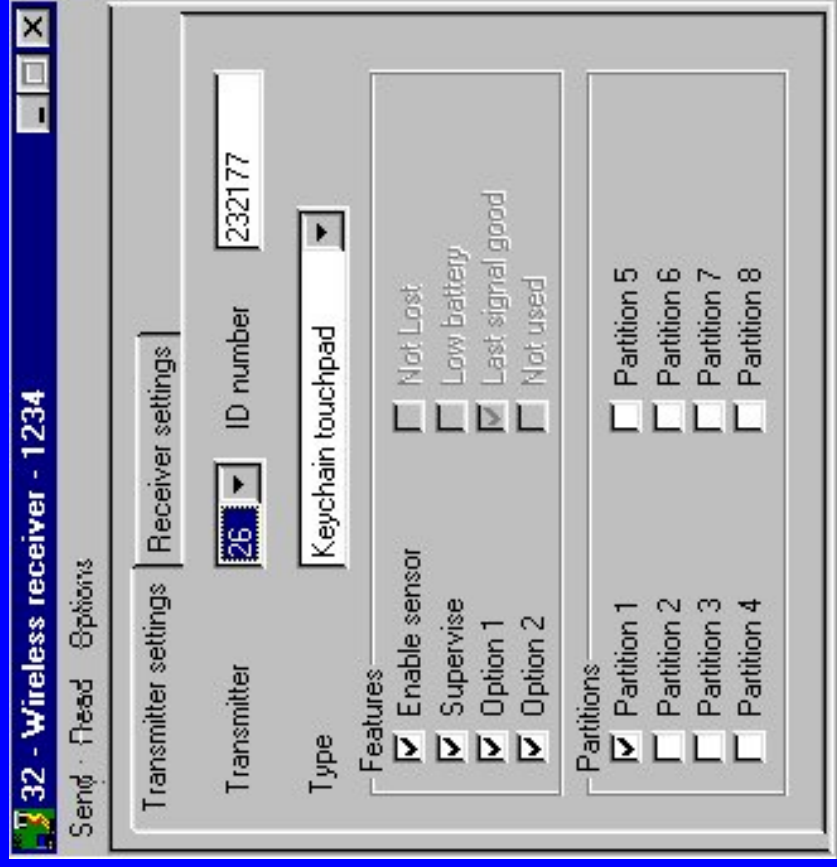
Expanders / Wireless

- When programming a wireless receiver, the software will ask you which receiver you have installed.

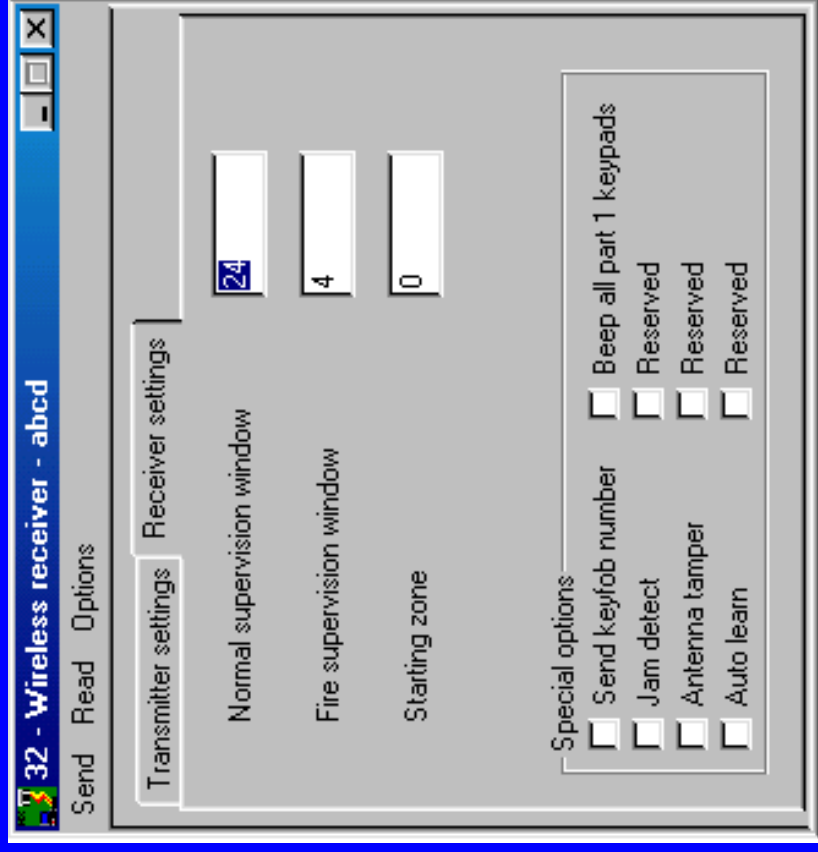


Wireless Receiver Transmitter Settings

- Select transmitter number and type.
- Shows transmitter features and partitions.
- Displays ID number in case you should have to re-program the transmitter into a new receiver.

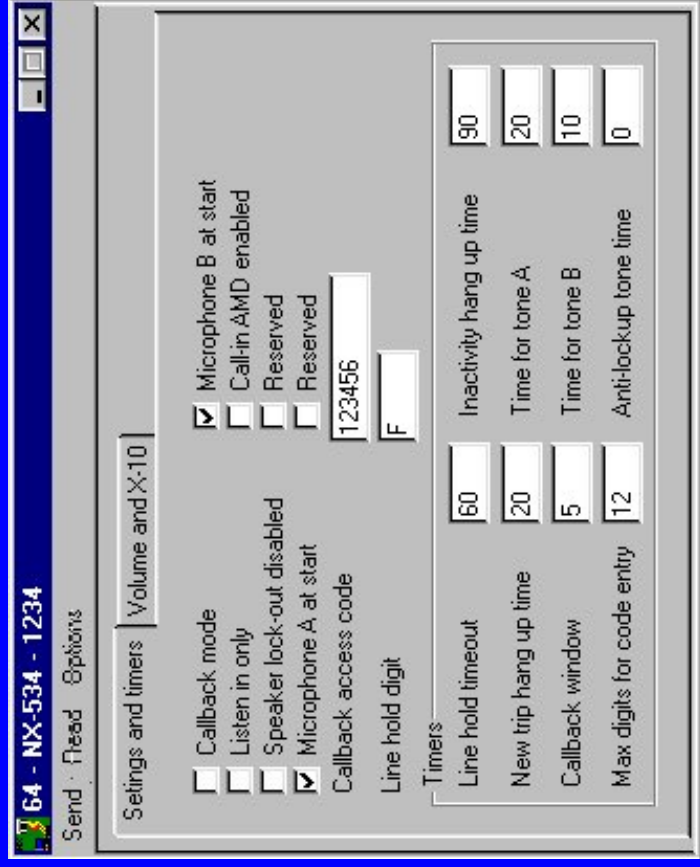


Wireless Receiver Settings



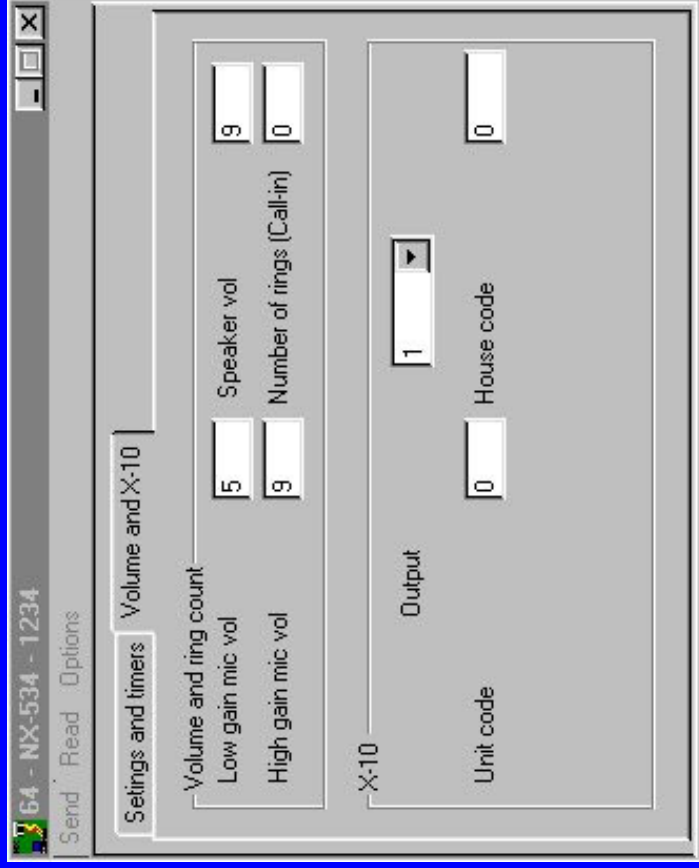
- Shows normal and fire supervision times and starting zone number.
- Allows programming of special options (affect all transmitters on this receiver, but not other receivers)

Expanders / 2 Way Voice (NX-534) / Settings and Timers



- Select either callback or latch line mode, and other options as desired.
- If using in callback mode, select a callback access code.

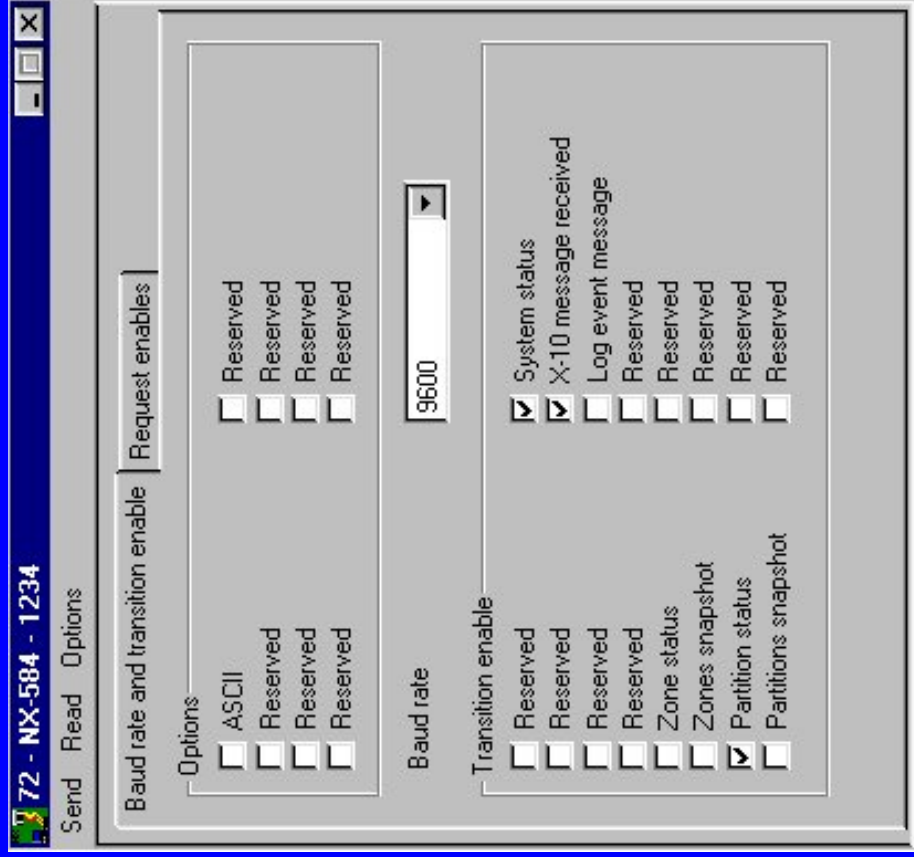
Expanders / 2 Way Voice (NX-534) / Volume and X-10



- Set low and high gain microphone volumes, speaker volume, number of rings, and up to 9 X-10 outputs.
- MUST have either NX-507, NX-508, or NX-540 board for X-10 to work.

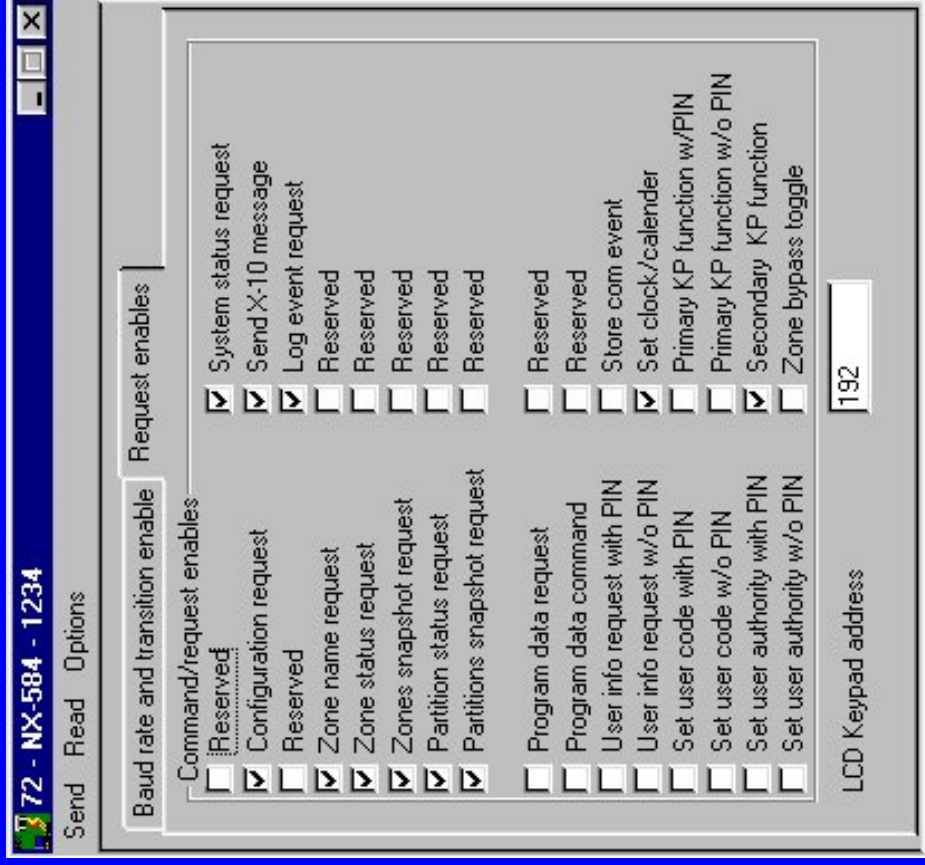
Expanders / Automation (NX-584) / Baud Rate and Transition

- Select either ASCII or binary data, baud rate, and data that can be interchanged.

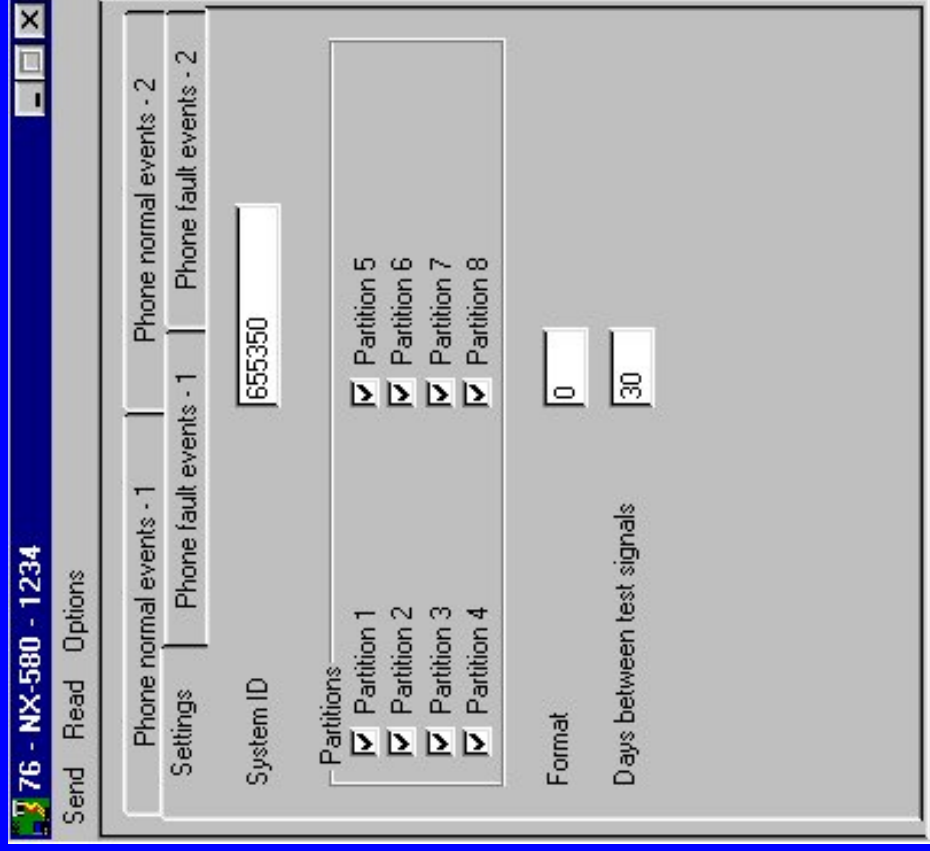


Expanders / Automation (NX-584) / Request Enables

- Select which types of commands you wish to be sent and received between the control panel and the automation system.
- Label which LCD keypad to get zone data from (192 if possible).



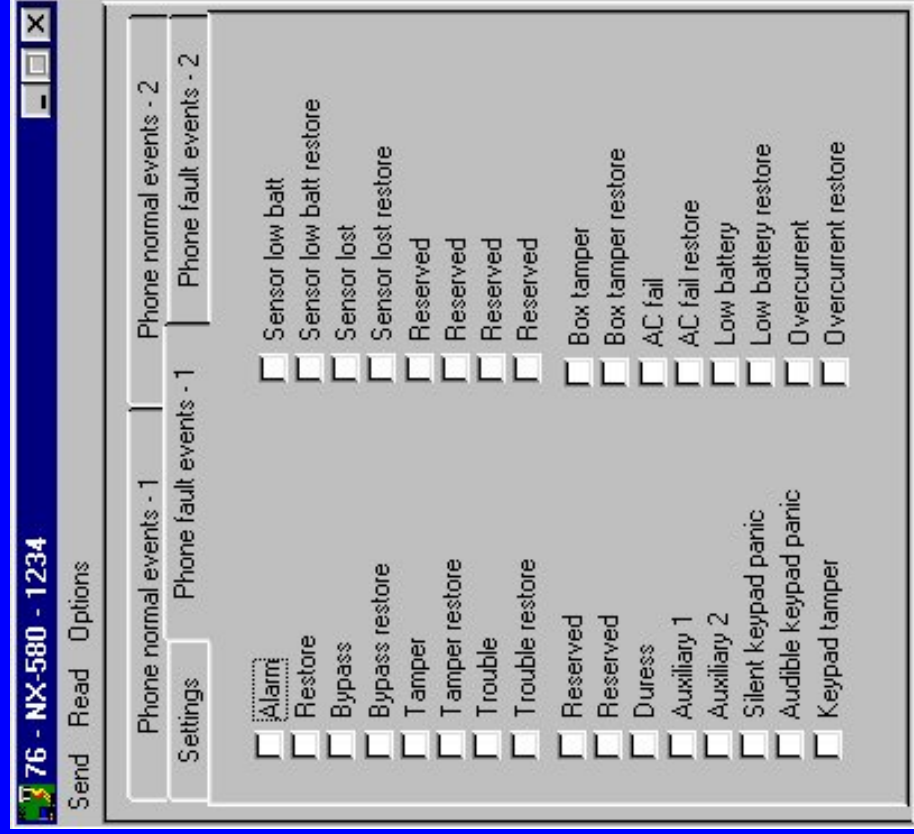
Expanders / Uplink Interface (NX-580) / Settings



- Enter system ID (provided by Uplink) with leading "0's"
- Select partitions to report, and format.
- Days between test can be set to 7 for weekly, or 1 for daily testing.

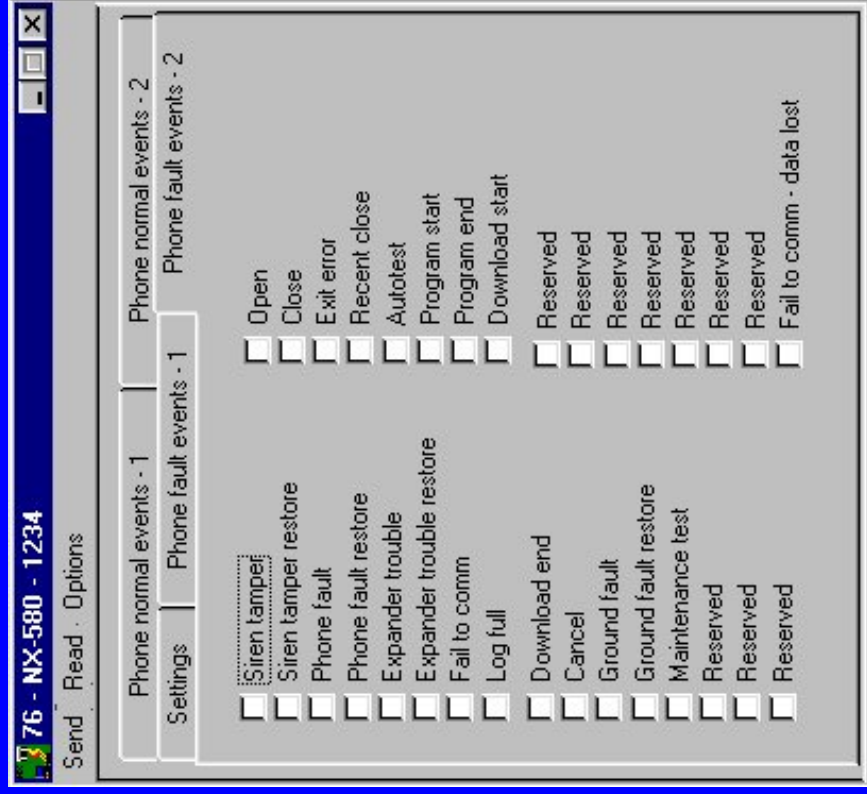
Expanders / Uplink Interface (NX-580) / Phone Fault 1

- Select from the list reports you would like to have sent by Uplink in the event of a phone fault.

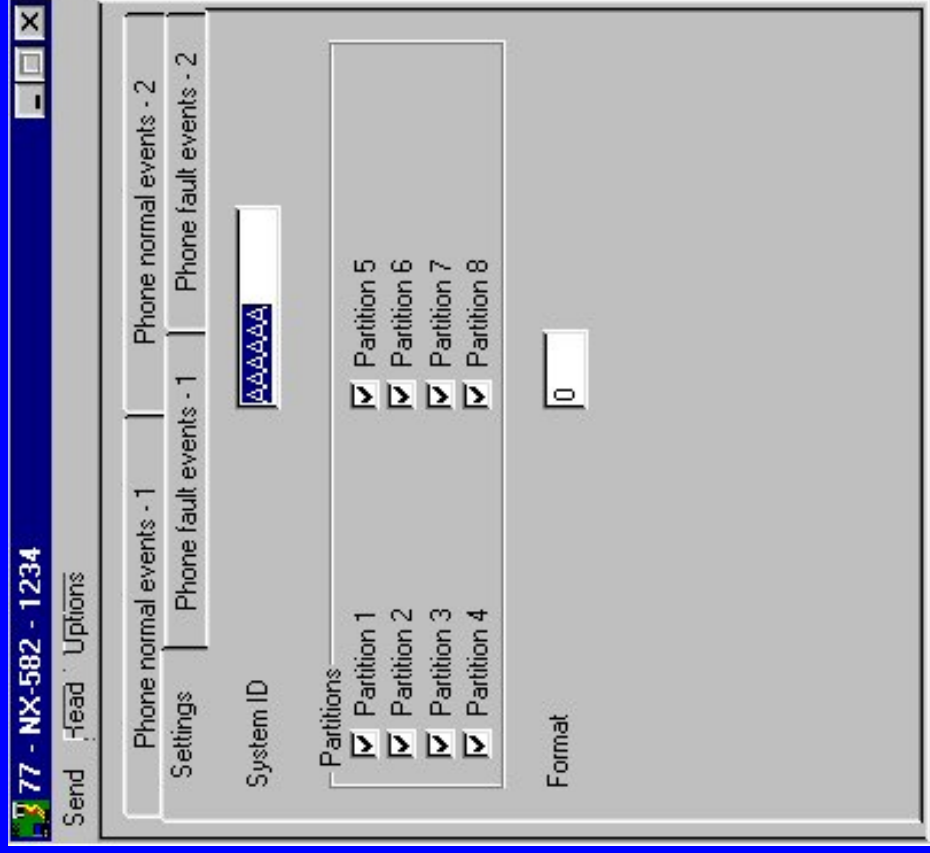


Expanders / Uplink Interface (NX-580) / Phone Fault 2

- Select from the list reports you would like to have sent by Uplink in the event of a phone fault.
- Same two lists are available for phone normal.

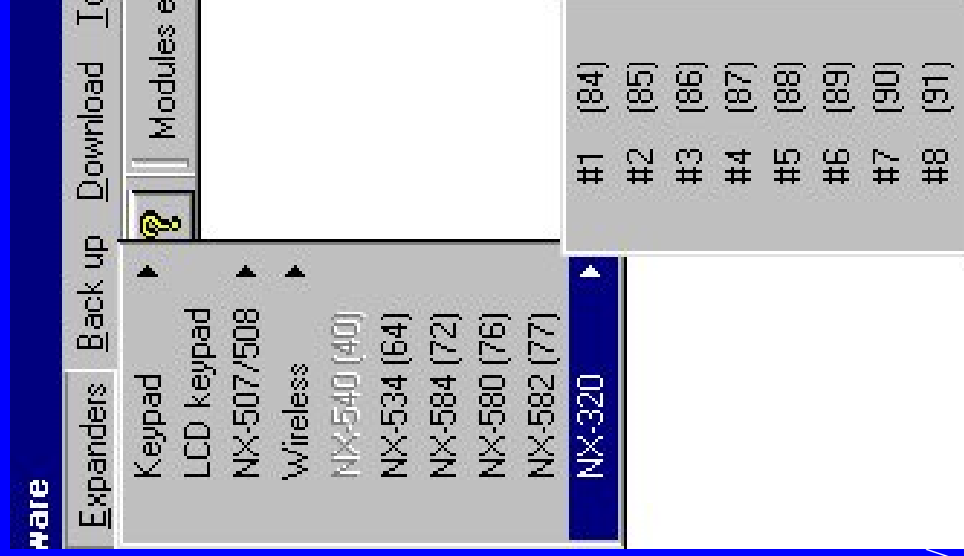


Expanders / AES Interface (NX-582) / Settings



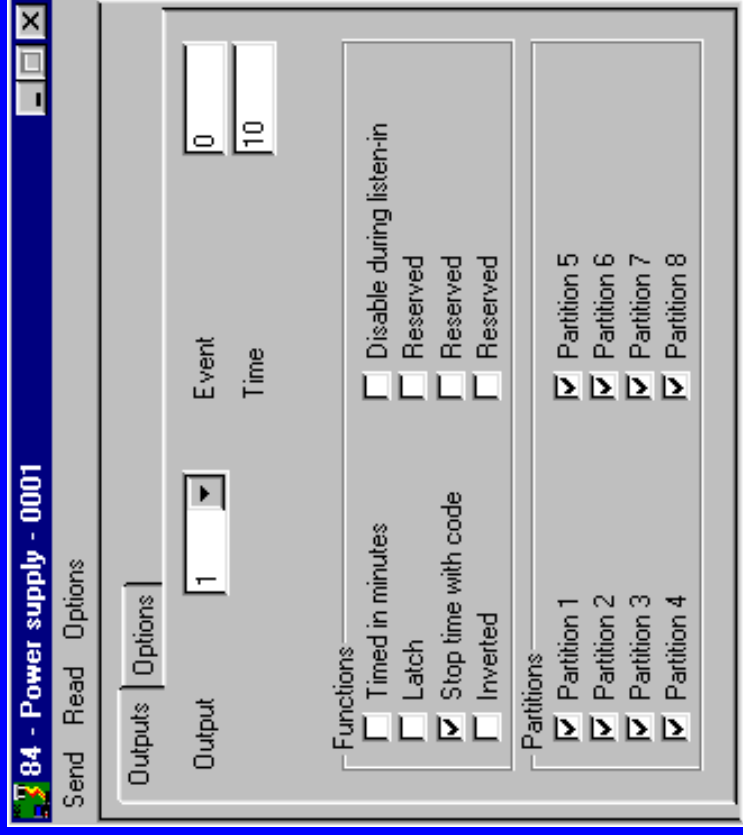
- Select System ID (typically account number), which partitions to report, and which format to report in.
- Balance of options same as the NX-580.

Expanders / Power Supplies (NX-320)



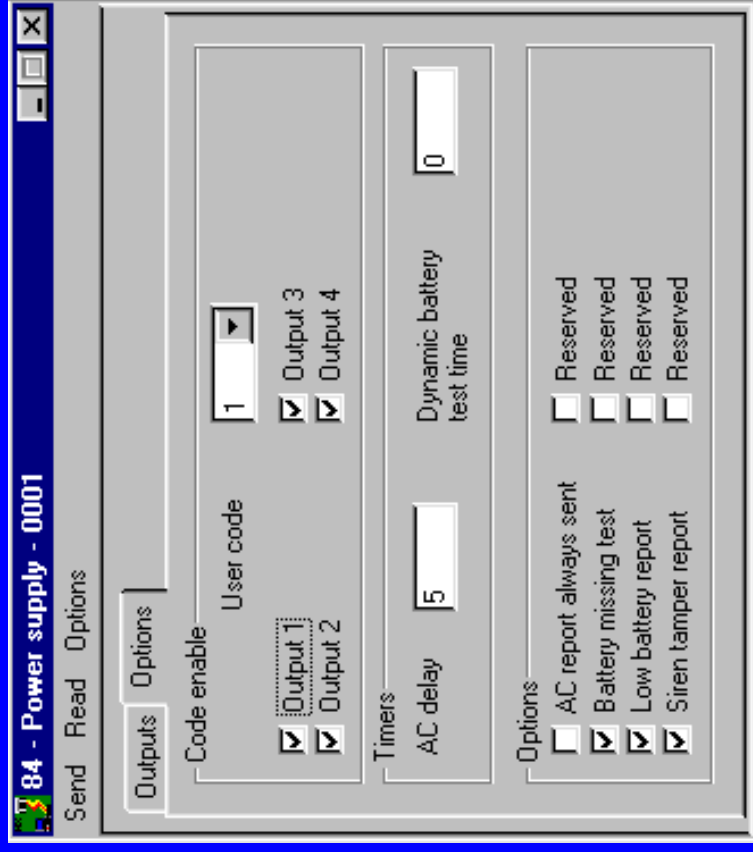
- Select power supply module you wish to program (read the DIP switches on the module).
- Factory default for NX-320 boards is 84.

Expanders / Power Supplies (NX-320) / Outputs



- Features 0 through 5.
- Select the output number.
- Set the event and time.
- Set the functions.
- Select which partitions the event will come from.

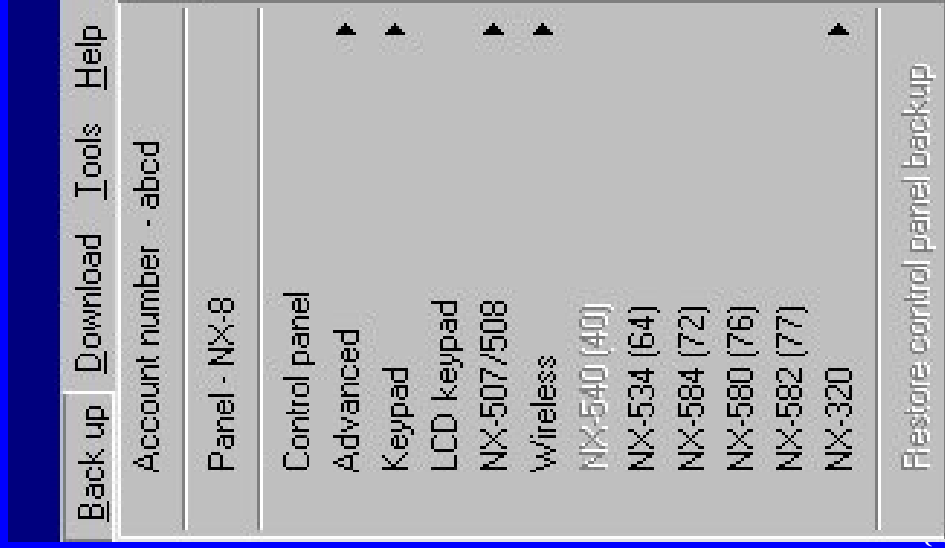
Expanders / Power Supplies (NX-320) / Options



- Features 8 through 19.
- Select which codes can affect which outputs.
- Set the timers and reporting options.

Backup Pulldown Menu

Backup Options



- Allows backup of the account or the panel.
- The various components of the system can be brought up and the backup viewed or restored.
- Allows you to restore backups from your last connect session.

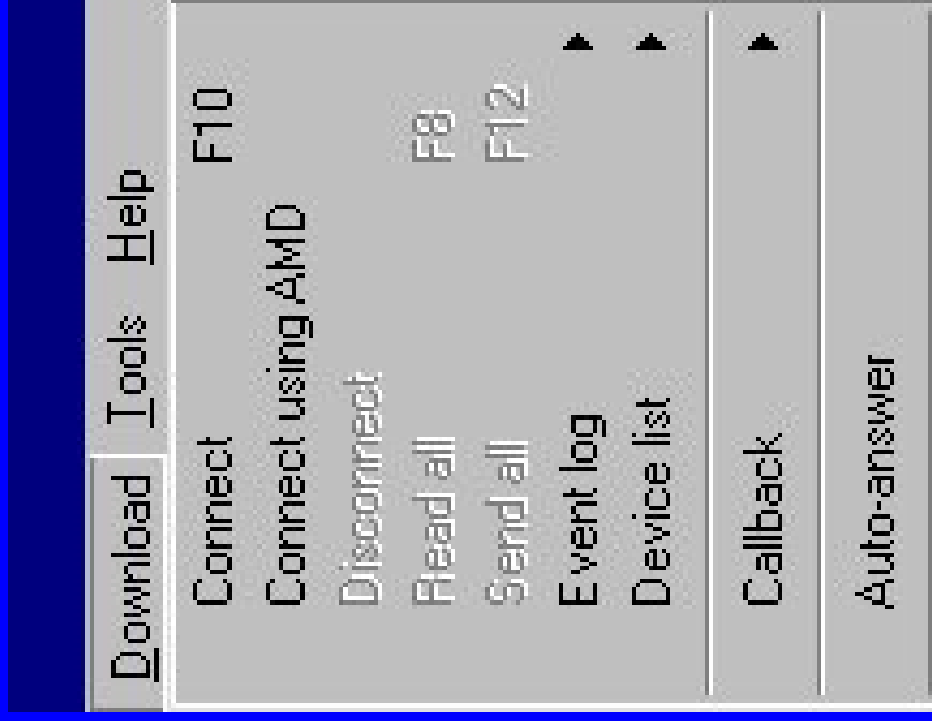
Backup Notes

- There are two types of backup. This backup backs up only an account, or a module, and makes the backup in the primary database table.
- Second backup is set up when exiting the software for the first time. It will ask you where you would like to keep an entire backup (of everything) in case of a computer crash.

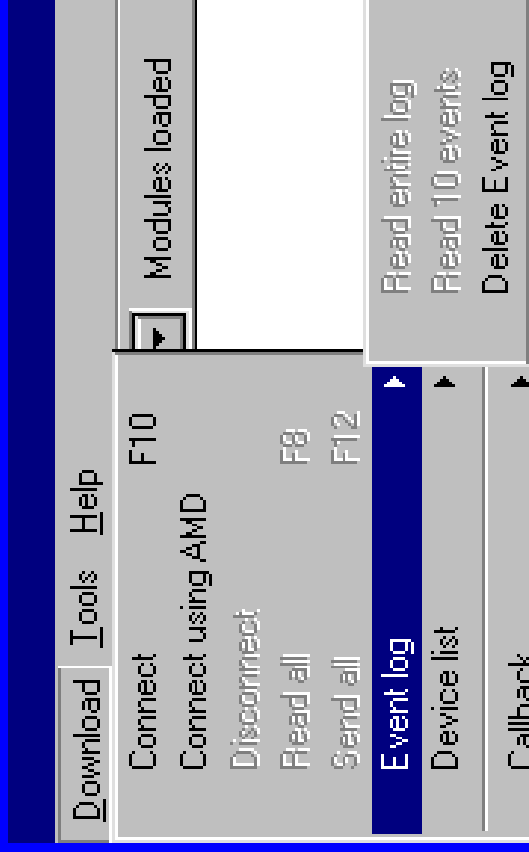
Download Pulldown Menu

Download Options

- From this screen you can connect, connect using Answering Machine Defeat, disconnect, read all, send all, and various other options.



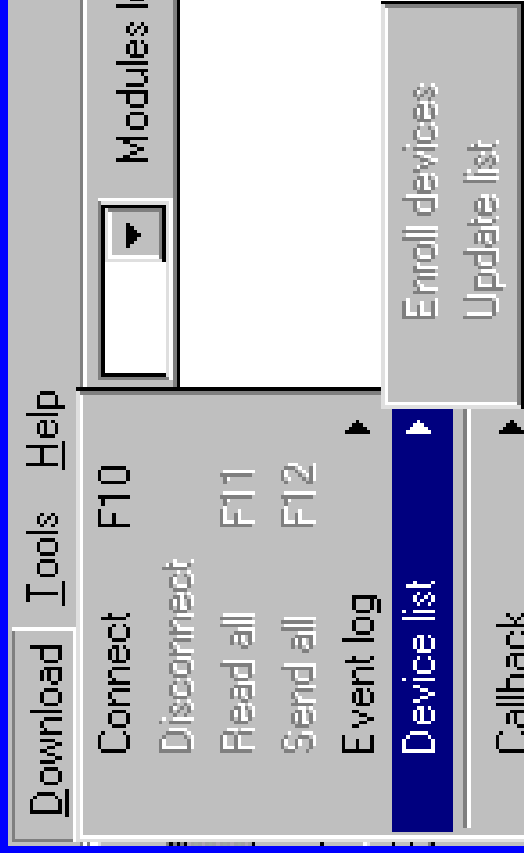
Download / Event Log



- Allows you to read either the entire event log (185 events on the NX-4, NX-8, NX-12 or NX-16) or read just 10 events.

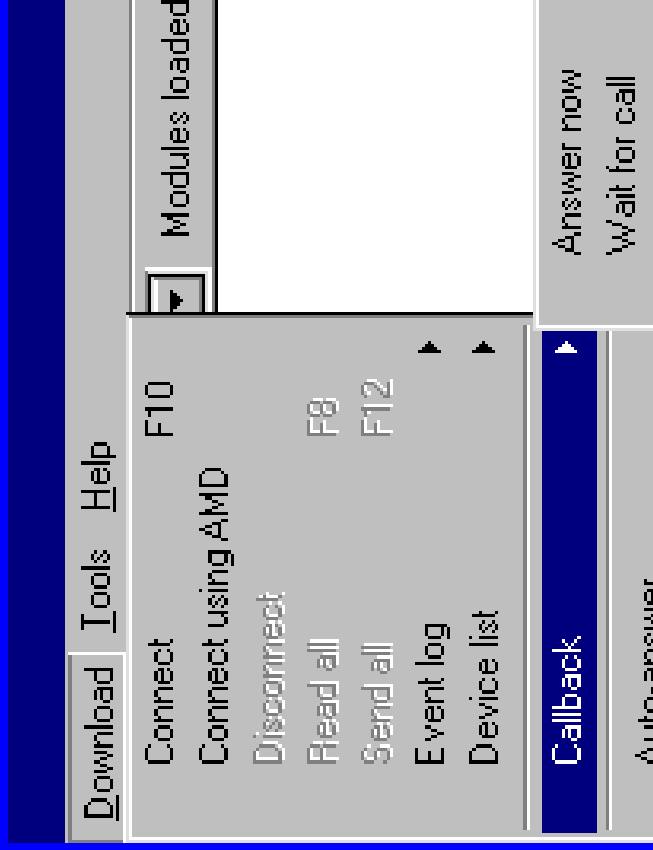
Download / Device List

- When connected to a control, you can choose to enroll devices (same as entering and exiting programming) or update the list of modules connected to the panel.



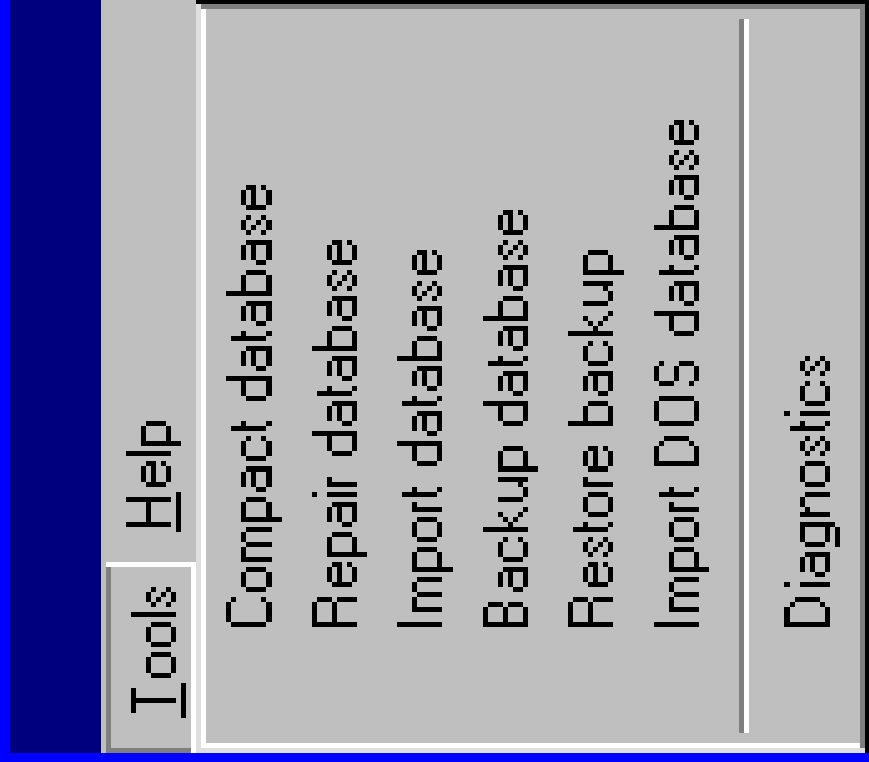
Download / Callback

- From here you can choose to either answer a call coming in now or to wait for an incoming call from a control panel.



Tools Pulldown Menu

Tools Options



- Compacting database monthly will help eliminate wasted space.
- Doing any of database options will close all windows.
- Diagnostics will show data the modem is sending and receiving₂₄

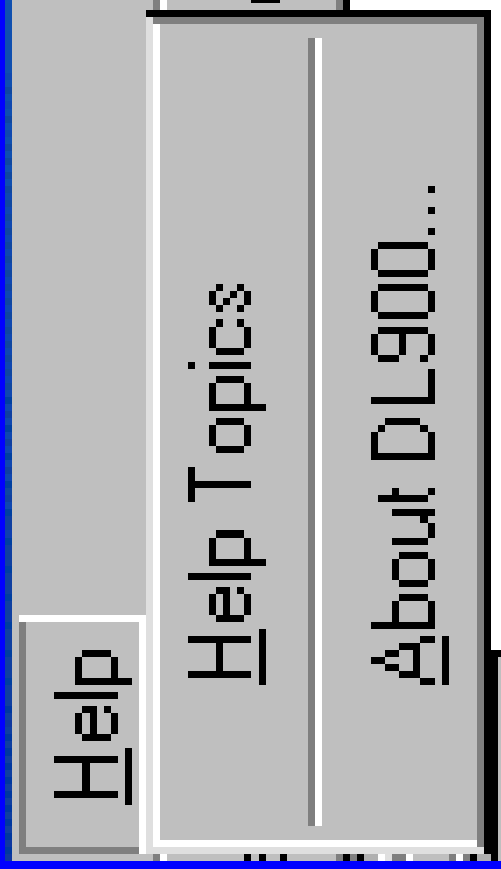
Diagnostics



- This will allow you to see commands sent to the modem, and data received coming in.

Help Pulldown Menu

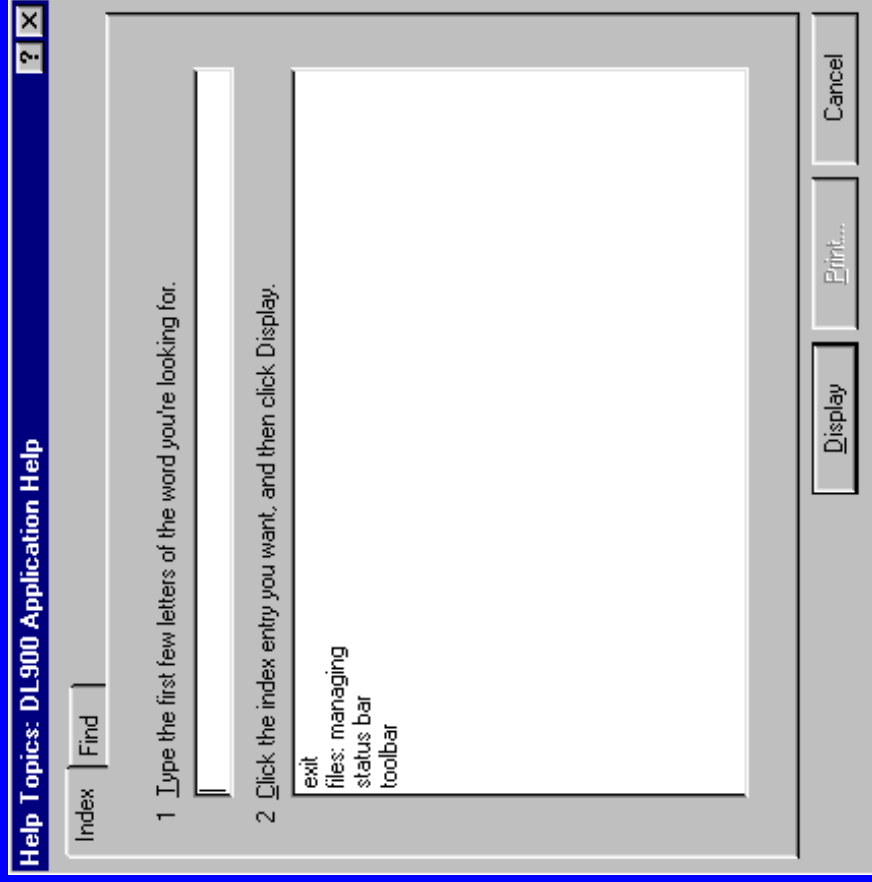
Help



- Help Topics allows you to find out how to do a given task.
- Help Topics will also list “hot keys” that are available for specific functions.
- About DL900 will give you the version number and copyright information.

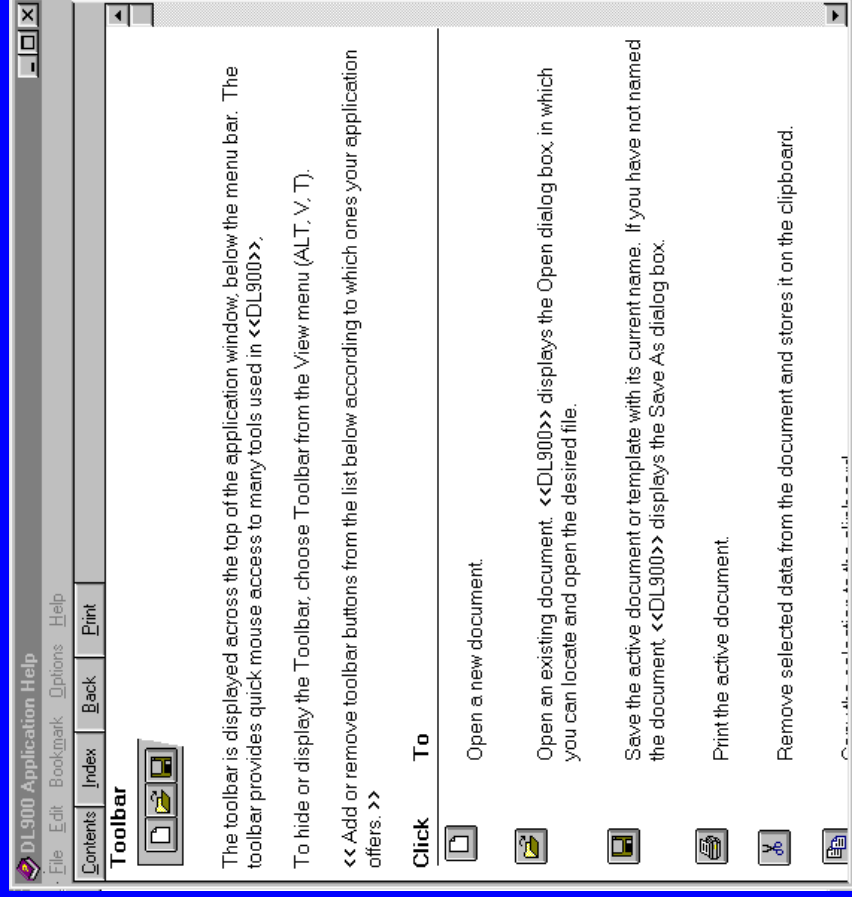
Help / Topics

- When you use help, you can either choose from one of the listed topics or select find to find a word or phrase.

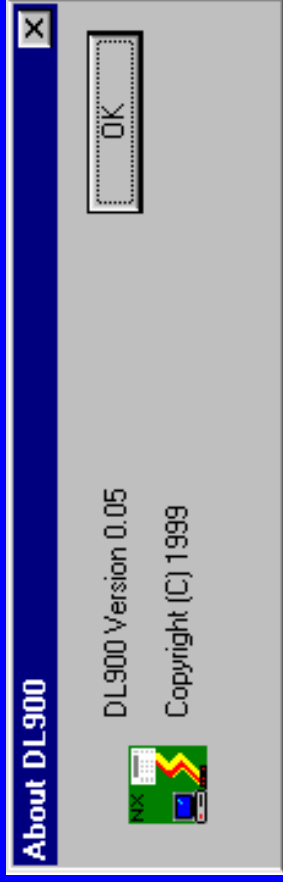


Help / Topics / Toolbar

- In this example I've chosen help on the toolbar. The help is quite extensive, and has hotlinks to other relevant topics.



Help / About



- Click Help / About to find out the version number of the software you are using.