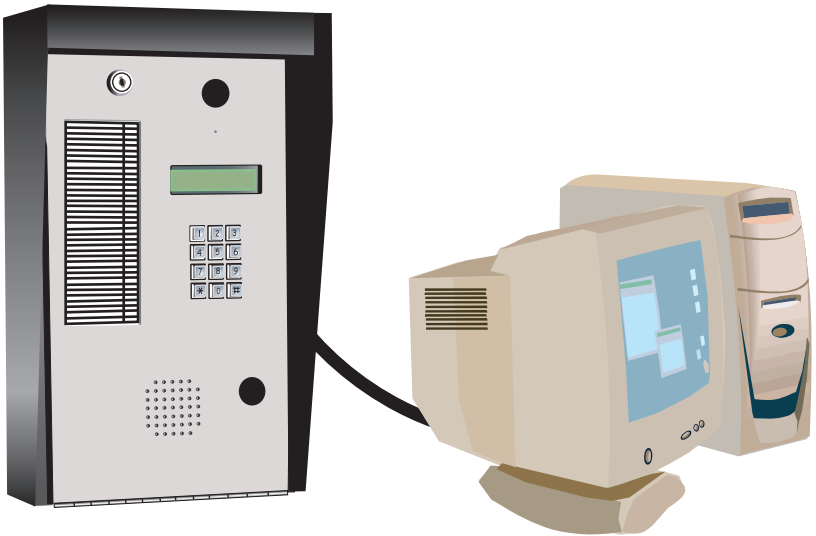


TAS-2000 Series

MSW-003 Software



Contents

Installing the Software	1
Connecting the Hardware	1
Direct Connect Method (using the RS-485IMA)	1
Dial-Up Method (Using Modem)	1
Opening/creating A Job File	2
Creating an ADC Tenant Database	3
Creating an NSL Tenant Database	5
Establishing a Direct Connection	7
For Direct Cable Connection Operation	7
Establishing a Modem Connection	9
For Modem (MDM-1000A) Operation	9
Uploading Data (Lobby Panel to PC)	11
Downloading Data (PC to Lobby Panel)	12
Changing Lobby Panel Parameters	13
Troubleshooting Guide	14
Port is Already Used	14
No System Detected	14
Runtime Error '3024'	14

Installing the Software

To install the TAS-2000 MSW-003 Software,

- Run SETUP.EXE on the root directory folder of the MSW-003 CD, or
- Use the Windows Control Panel's Add/Remove Programs' install feature.

Follow the instructions on the screen. Once it is installed, you can run the program by clicking **Start->Programs->TAS 2000**.

Connecting the Hardware

Direct Connect Method (using the RS-485IMA)

Connect the RS-485IMA to the PC serial port using the serial cable provided with the RS-485IMA.

Connect the ribbon cable on the RS-485IMA to the TAS-2000 Lobby Panel via the terminal marked RS-485 I/F. Connector designations are as follows.

- For the Slim-Line model, use connector "P2" located near the top left corner of the main circuit board.
- For the standard model, use connector P3 located near the bottom left corner of the main circuit board.



Notes:

- If your lobby panel is configured as a Non-Subscriber Line (NSL), skip to *Creating an NSL Tenant Database* on page 5.
- If using a MDM-1000A, ensure that JW1 is removed and jumpers 1 & 3 are installed.

Dial-Up Method (Using Modem)

Connect the modem on your PC to a standard telephone line. Connect the dedicated telephone line at the Lobby Panel to the telephone jack connector on the MDM-1000A and connect the ribbon cable on the MDM 1000A module to the TAS-2000 Lobby Panel via the terminal marked RS-485 I/F.

Connector designations are as follows.

- For Slim-Line model, use connector "P2" located near the top left corner of the main circuit board.
- For Standard model, use connector P3 located near the bottom left corner of the main circuit board.



Note: Ensure that JW1 is installed and jumpers 1 & 3 are removed on the MDM-1000A.

Opening/creating A Job File

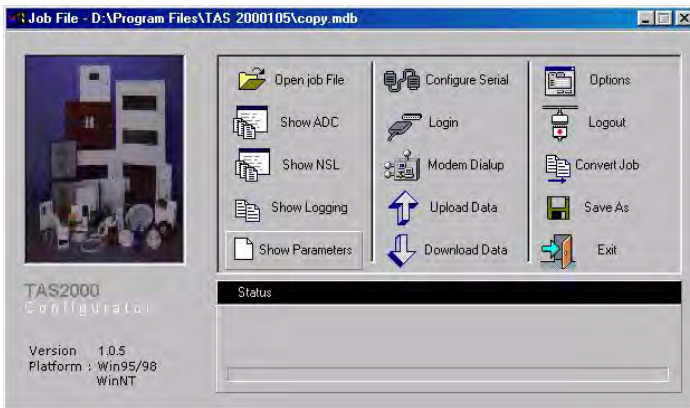
1. Open the TAS-2000 software by clicking **Start->Programs->TAS 2000**. You will be prompted for a User Name and Password (as shown below). The default for both is "mircom".
2. Type "mircom" in both spaces and click OK.



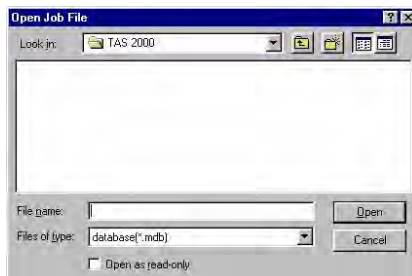
Note: "mircom" must be type in all lower case letters.



The Control Panel window displays.



3. Click "Open Job File" located in the upper left on Control Panel window. The following window displays.



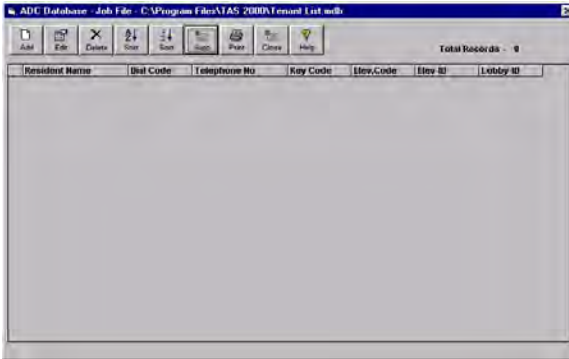
4. Select an existing file from the list or type a new file name in the File name window.
5. Click Open.

Creating an ADC Tenant Database



Note: If your lobby panel is configured as a Non-Subscriber Line (NSL), skip to *Creating an NSL Tenant Database* on page 5.

The name of the file that is opened displays across the top of the Control Panel window. To enter tenant names click “Show ADC”. The following window displays.



Records may be added, edited or deleted as desired. To **add** records, click the “ADD” button. The following window displays.

Add Record ADC

Resident's Name :

AptNo :

Dial Code :

Phone No :

Keyless Code :

Elevator Relay :

Elevator - ID :

Lobby - ID :

- Enter resident name if using scrolling directory panels, or leave blank if using non-scrolling panels
- Enter resident apartment number (this is optional because it is used for reference only--it will not be stored on lobby panel)
- Enter 4-digit resident dial code (for dial codes fewer than 4 digits, precede with 0's, e.g. 0003)
- Enter resident telephone number (maximum 14 digits)

Creating an ADC Tenant Database

- Enter resident keyless code (this is optional because it is used for reference only--it will not be stored on lobby panel)
- Enter default elevator code-If feature not used, enter 99
- Select default elevator ID-If feature not used, select ID-099
- Select lobby ID-factory default set as ID-001
- Click OK when finished.

In addition, you may use the **Auto-Program** feature by clicking the "Auto" button in the ADC Database window. The following window displays:

The screenshot shows a dialog box titled "Auto Program ADC". It contains the following fields and values:

No of Residents	25		
Default Resident Name	Resident Name		
Starting Dial Code	1001		
Starting KeylessCode	2001		
Default Elevator Code	99	Default Elev. ID	ID-099
Default Lobby ID	ID-001		
Start Elevator Code	Disabled		
Default Lobby ID (Factory)	Disabled		
Default Phone #	9055551212		

- Enter number of residents to program (shown as 25)
- Enter default resident name (shown as Resident Name)
- Enter 4-digit starting dial code (shown as 1001)
- Enter starting keyless code (this is optional because it is used for reference only--it will not be stored on lobby panel) (shown as 2001)
- Enter default elevator code-If feature not used, enter 99 (shown as 99)
- Select default elevator ID-If feature not used, select ID-099 (shown as ID-099)
- Enter default phone # (shown as 9055551212)
- Click OK when finished



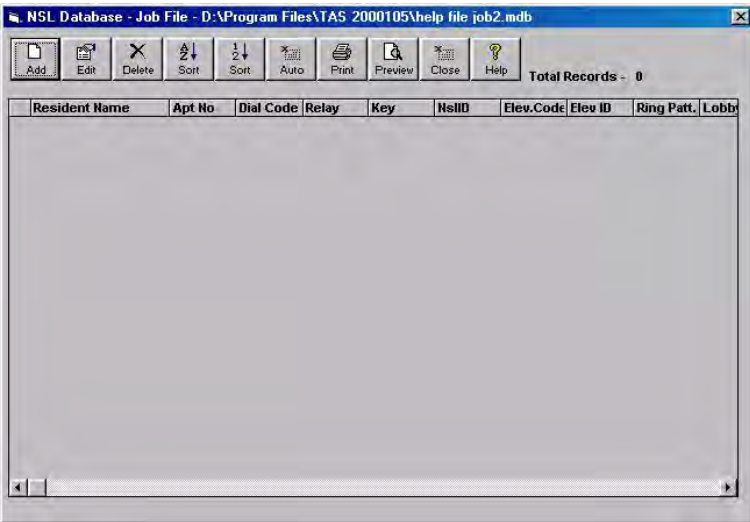
Note: When finished programming tenant records, skip to *Establishing a Direct Connection* on page 7.

Creating an NSL Tenant Database



Note: If your lobby panel is configured as an Auto-Dialer (ADC), go to *Creating an ADC Tenant Database* on page 3.

The name of the file that is opened displays across the top of the Control Panel window. To enter tenant names click “Show NSL”.



Records may be Added, Edited or Deleted as desired. To **add** records, click the “ADD” button. The following window displays.

Add Record NSL

Resident's Name :

Apt No :

Dial Code :

Relay Code :

Keyless Code :

Elevator Relay :

Ring Pattern : 2- Distinct: 2 Long Rings

Lobby - ID : ID-001

NSL - ID : ID-002

Elevator - ID : ID-099

Creating an NSL Tenant Database

- Enter resident name if using scrolling directory panels, or leave blank if using non-scrolling panels
- Enter resident apartment number (this is optional because it is used for reference only--it will not be stored on lobby panel)
- Enter 4-digit resident dial code (for dial codes fewer than 4 digits, precede with 0's, e.g. 0003)
- Enter resident relay code (is determined by location of wires on BIX block)
- Enter resident keyless code (this is optional because it is used for reference only--it will not be stored on lobby panel)
- Enter elevator code-If feature not used, enter 99
- Select ring pattern
- Select lobby ID-factory default set as ID-01
- Select NSL-ID, factory default set as ID-02
- Select default elevator ID-If feature not used, select ID-99
- Click OK when finished

In addition you may use the **Auto-Program** feature by clicking the "Auto" button in the NSL Database window. The following window displays:

The screenshot shows the 'Auto Program NSL' dialog box with the following values:

Field	Value
No of Residents	25
Default Resident Name	John Smith
Starting Dial Code	1001
Starting KeylessCode	2001
Default Elevator Code	99
Default Elev. ID	ID-099
Default Lobby ID	ID-001
Start Relay Code	0000
Default NSL ID	ID-002
Default Ring Pattern	2- Distinct: 2 Long Rings
Default Phone #	

- Enter number of residents to program (shown as 25)
- Enter default resident name (shown as John Smith)
- Enter 4-digit starting dial code (shown as 1001)
- Enter starting keyless code (this is optional because it is used for reference only--it will not be stored on lobby panel) (shown as 2001)
- Enter default elevator code-If feature not used, enter 99 (shown as 99)
- Select default elevator ID-If feature not used, select ID-99 (shown as ID-099)
- Select default Lobby-ID (shown as ID-02)
- Enter starting relay code (shown as 0000)
- Select default NSL-ID (shown as ID-002)

- Select default Ring Pattern (shown as distinct ring pattern 2)
- Click OK when finished.

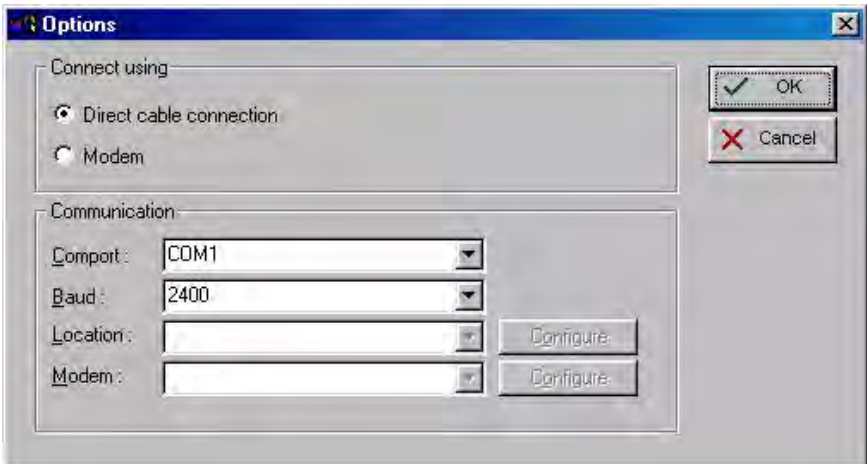
Establishing a Direct Connection



Note: For Modem connections, skip to *Establishing a Modem Connection* on page 9.

For Direct Cable Connection Operation

1. From the TAS-2000 Control Panel window select “Configure Serial”.



2. Select “Direct Cable Connection” and verify that the COM port is set properly.
3. Click OK to continue.

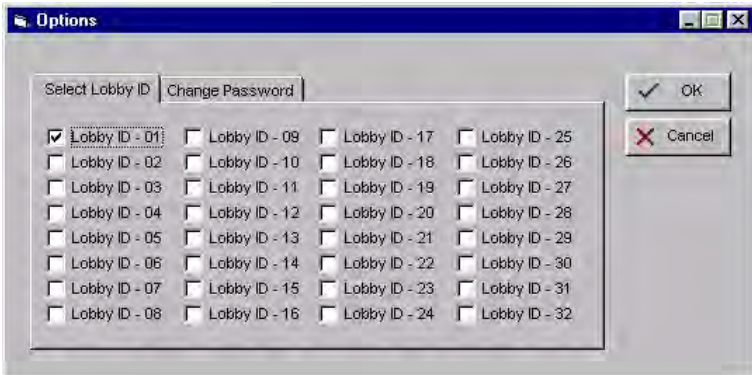


Note: The panel ID in the TAS2000 software must be set correctly in order to Upload or Download data.

4. Verify the Lobby Panel ID by checking the SW2 DIP switch settings on the main board in the lobby panel. Refer to the TAS-2000 Series Installation and Operation Manual for the DIP switch settings.
5. Note the panel ID and select the same lobby-ID in the TAS-2000 software.

Establishing a Direct Connection

- From the Control Panel window select "Options" and select the appropriate panel ID from the list.



- Click OK to continue.
- Click "Login" on the Control Panel screen.
- When finished, go to *Uploading Data (Lobby Panel to PC)* on page 11.

Establishing a Modem Connection



Note: For Direct connections, go to *Establishing a Direct Connection* on page 7.

For Modem (MDM-1000A) Operation

1. From the TAS-2000 Control Panel window select "Configure Serial". The window below displays.
2. Select "Modem".
3. Type the telephone number that the TAS-2000 Lobby Panel is using.
4. Verify that the COM port is set properly and the correct baud rate is selected.
5. Click OK to continue.

The screenshot shows a Windows-style dialog box titled "Options". It is divided into two main sections: "Connect using" and "Communication".

- Connect using:**
 - Radio buttons for "Direct cable connection" and "Modem". "Modem" is selected.
 - A text field for "Telephone #:" containing the number "9056604113".
 - Radio buttons for "Pulse" and "Tone". "Tone" is selected.
- Communication:**
 - "Comport:" dropdown menu set to "COM2".
 - "Baud:" dropdown menu set to "2400".
 - "Location:" dropdown menu (empty).
 - "Modem:" dropdown menu (empty).
 - "Configure" buttons are located to the right of the "Location:" and "Modem:" dropdowns.

On the right side of the dialog, there are "OK" and "Cancel" buttons.

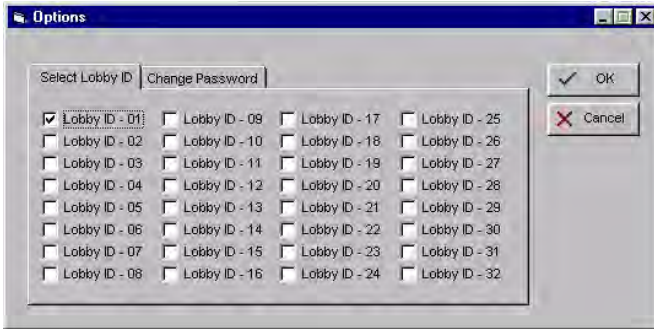


Note: The panel ID in the TAS2000 software must be set correctly in order to Upload or Download data.

6. Verify the Lobby Panel ID by checking the SW2 DIP switch settings on the main board in the lobby panel. Refer to the TAS-2000 Series Installation and Operation Manual for the DIP switch settings.
7. Note of the panel ID and select the same lobby-ID in the TAS2000 software.

Establishing a Modem Connection

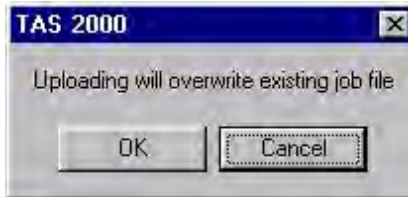
8. Select "Options" From the Control Panel window and select the appropriate lobby-ID from the list.



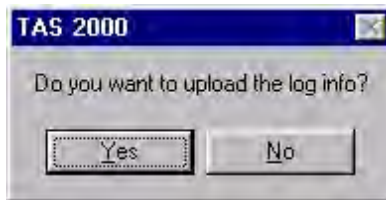
9. Click "Modem Dialup" on the Control Panel screen.
10. Wait until "Connect 2400" is displayed near the bottom of the screen, then click "Login" to complete the connection. When connected, the status bar will indicate "Logged In".

Uploading Data (Lobby Panel to PC)

1. Click the "Upload Data" button. Note that it will over-write records that have the same lobby ID in the database file.



2. Click "OK" to continue. You will be prompted to upload the events log.



3. Click "Yes" to upload both the database and events log, or "No" to upload the database only. The status bar at the bottom of the screen will display the upload progress as shown below.



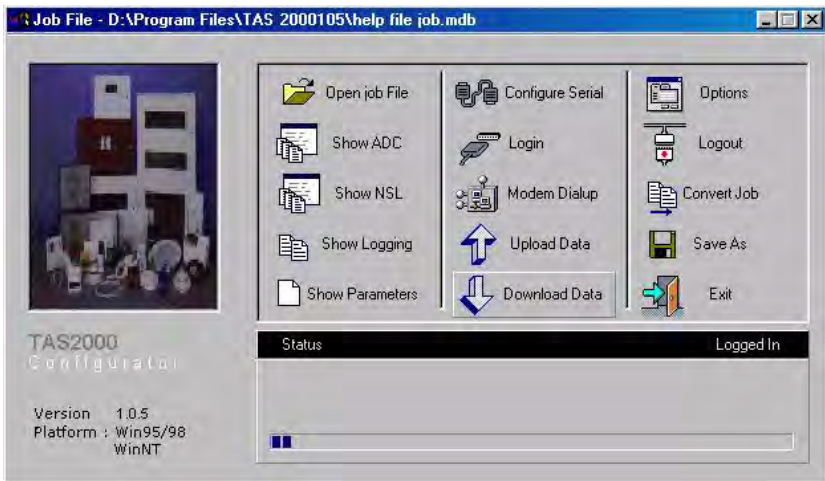
4. Click the "Logout" button when finished.

Downloading Data (PC to Lobby Panel)

1. Click the “Download Data” button. Note that it will over-write existing information on the lobby panel.



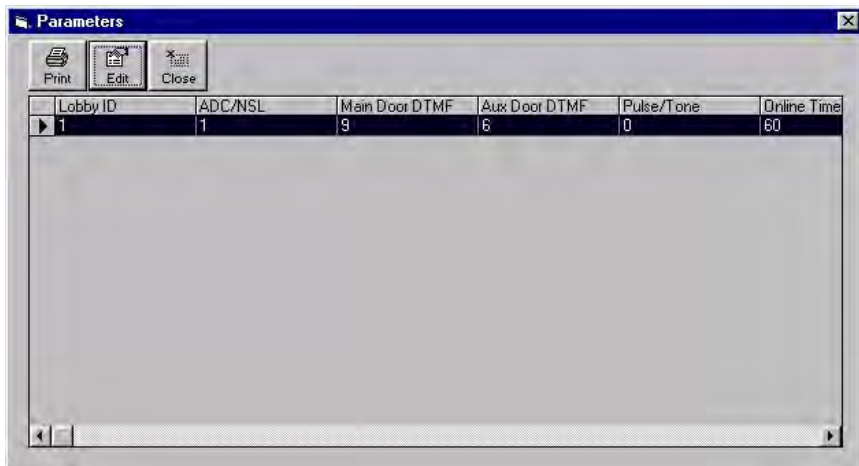
2. Click “OK” to download to the TAS-2000 Lobby Panel. The status bar at the bottom of the screen will display the download progress as shown below.



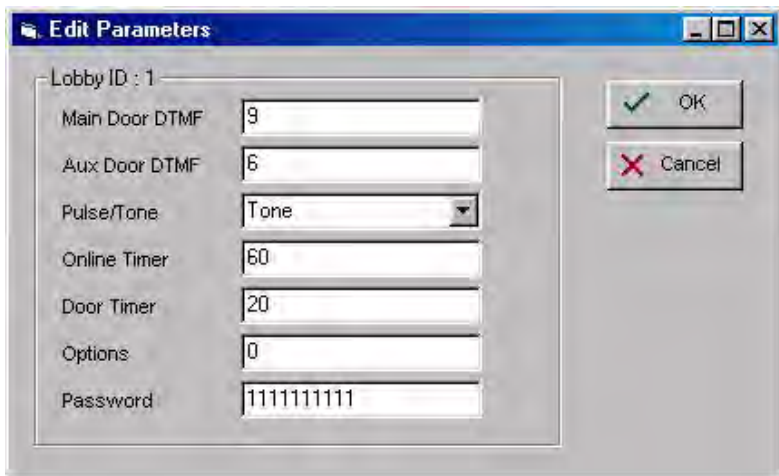
3. Click “Logout” button when finished.

Changing Lobby Panel Parameters

1. Click "Show Parameters" to view the parameters of the panel being programmed.



2. Click the Edit button to change the current settings:



3. Click OK when finished.

Troubleshooting Guide

Port is Already Used

If the following message is displayed, verify that the correct COM port is selected and connected to the proper connector on your PC.



No System Detected

If the following message is displayed, check cable connections, and ensure that the correct Lobby ID is selected in the Options menu.



Runtime Error '3024'.

If the following message is displayed, ensure that your job file is in the TAS-2000 installation directory.



The default location is: **C:\Program Files\TAS 2000\.**

