



Alpha-Numeric Display Paddle Pager

MODEL : AL-A02



PADDLER PAGER PROGRAMMING GUIDE

Getting Started

The ALA02 Paddle Pager Programming software, provides the flexibility to program the flexibility to program ALA02 Paddle Pagers to meet individual requirements. To obtain the best results from the product, please take a few minutes to read this instruction guide.

Equipment Required

To install and operate the programmer, you need a system that meets the following minimum requirements:

- An personal computer (PC) with printer port, or compatible
- Windows 98 SE or above operating system (XP Recommended)
- 256 MB of RAM
- ALA02 Programmer
- A DB25 male-male printer cable
- ALA02 Paddle Pager Programming Software

Equipment Setup

Refer to Figure 1 while performing the follows:

1. At the rear of the PC, connect the DB25 male-male interface cable to the printer port on your computer.
 2. Plug end of the DB25 cable into the ALA02 programmer.
 3. Hardware installation is complete.
-

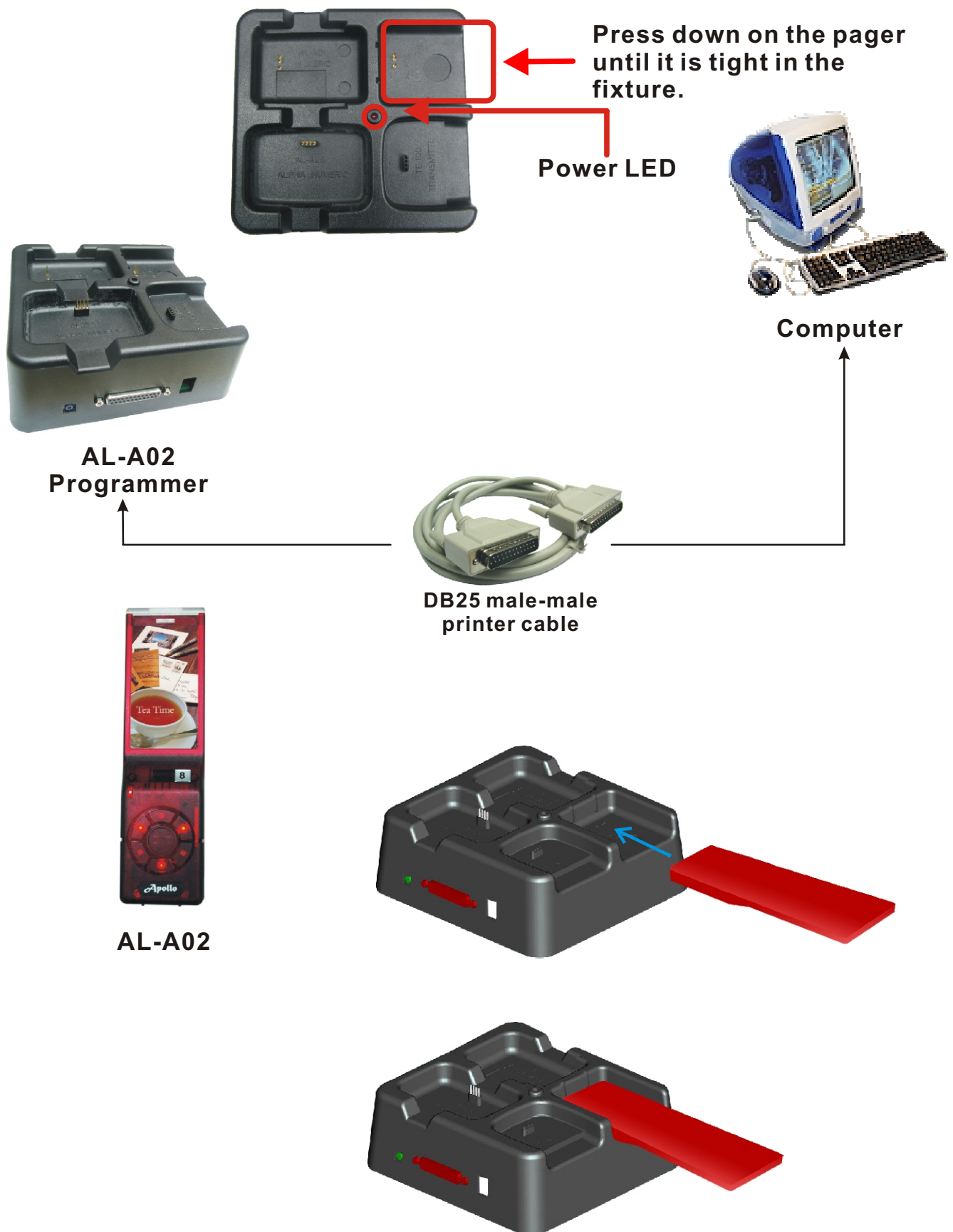


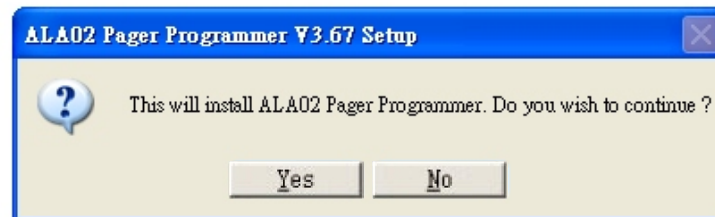
Figure 1 Programmer Hardware Connections

Installing Programmer Software

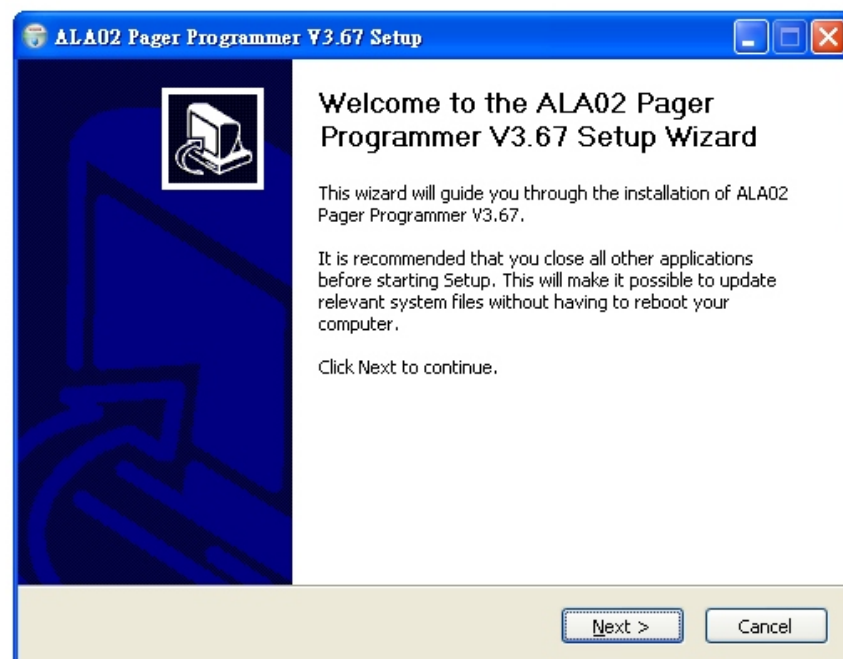
Installation

Install the programmer software into a PC as follows:

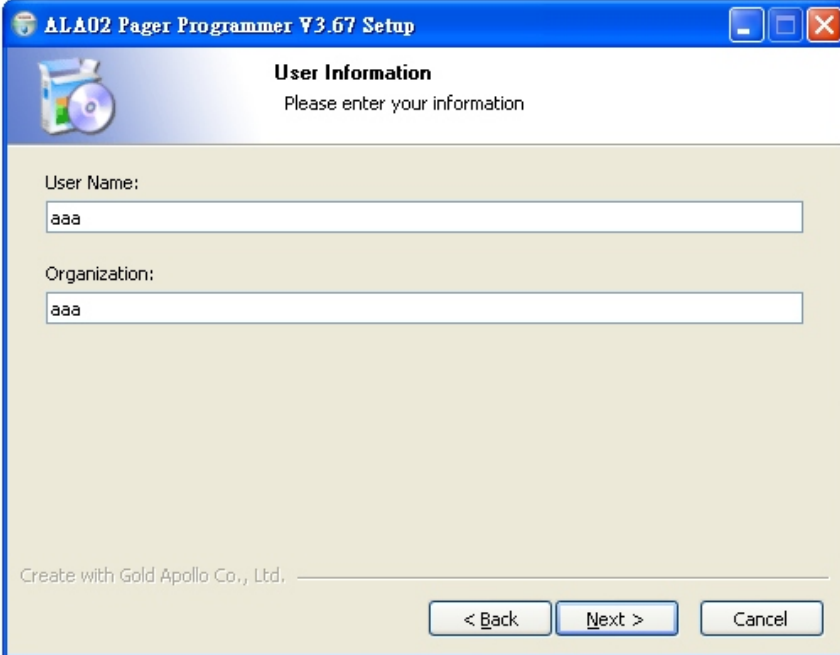
1. Uncompress the ALA02V367.zip and save them in a temporary directory.
2. Double click the setup.exe file. Click on “Y”.



3. Click “Next” on the Welcome screen.



4. Enter your user information and click “Next”.
(Note: you must enter at least a single character "into the company field)
-



The screenshot shows the 'User Information' screen of the 'ALA02 Pager Programmer V3.67 Setup' window. The window has a blue title bar and a standard Windows XP-style icon bar. The main area has a light beige background. At the top left is a CD icon. The title 'User Information' is in bold, followed by the instruction 'Please enter your information'. There are two text input fields: 'User Name:' with 'aaa' entered, and 'Organization:' with 'aaa' entered. At the bottom left, it says 'Create with Gold Apollo Co., Ltd.'. At the bottom right are three buttons: '< Back', 'Next >', and 'Cancel'.

ALA02 Pager Programmer V3.67 Setup

User Information
Please enter your information

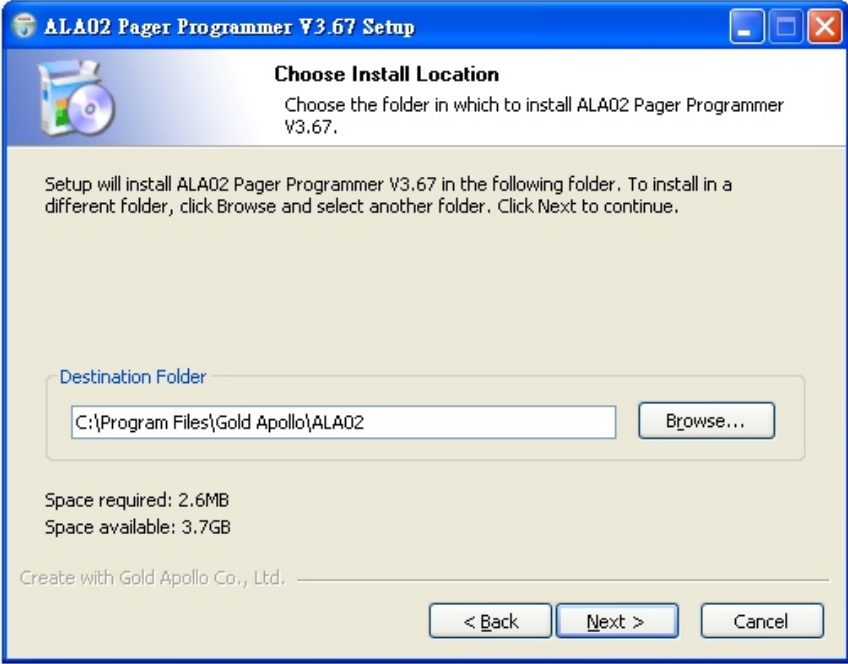
User Name:
aaa

Organization:
aaa

Create with Gold Apollo Co., Ltd.

< Back Next > Cancel

5. Choose where the program should be installed and click “Next”.



The screenshot shows the 'Choose Install Location' screen of the 'ALA02 Pager Programmer V3.67 Setup' window. The window has a blue title bar and a standard Windows XP-style icon bar. The main area has a light beige background. At the top left is a CD icon. The title 'Choose Install Location' is in bold, followed by the instruction 'Choose the folder in which to install ALA02 Pager Programmer V3.67.'. Below this, a paragraph explains that the setup will install the program in a specific folder and provides instructions on how to change it. There is a text input field for the 'Destination Folder' with the path 'C:\Program Files\Gold Apollo\ALA02' entered, and a 'Browse...' button to its right. Below the input field, it shows 'Space required: 2.6MB' and 'Space available: 3.7GB'. At the bottom left, it says 'Create with Gold Apollo Co., Ltd.'. At the bottom right are three buttons: '< Back', 'Next >', and 'Cancel'.

ALA02 Pager Programmer V3.67 Setup

Choose Install Location
Choose the folder in which to install ALA02 Pager Programmer V3.67.

Setup will install ALA02 Pager Programmer V3.67 in the following folder. To install in a different folder, click Browse and select another folder. Click Next to continue.

Destination Folder
C:\Program Files\Gold Apollo\ALA02 Browse...

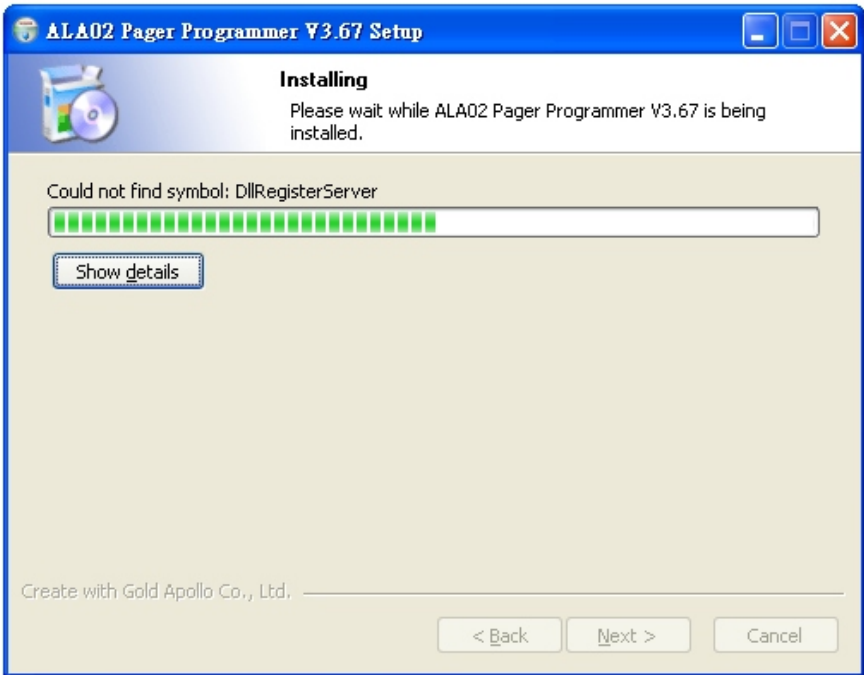
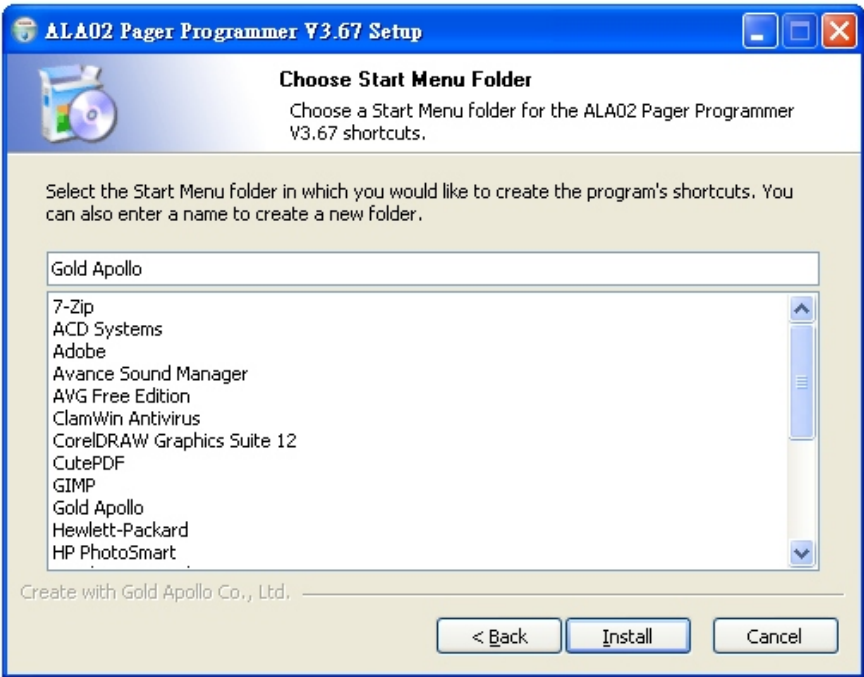
Space required: 2.6MB
Space available: 3.7GB

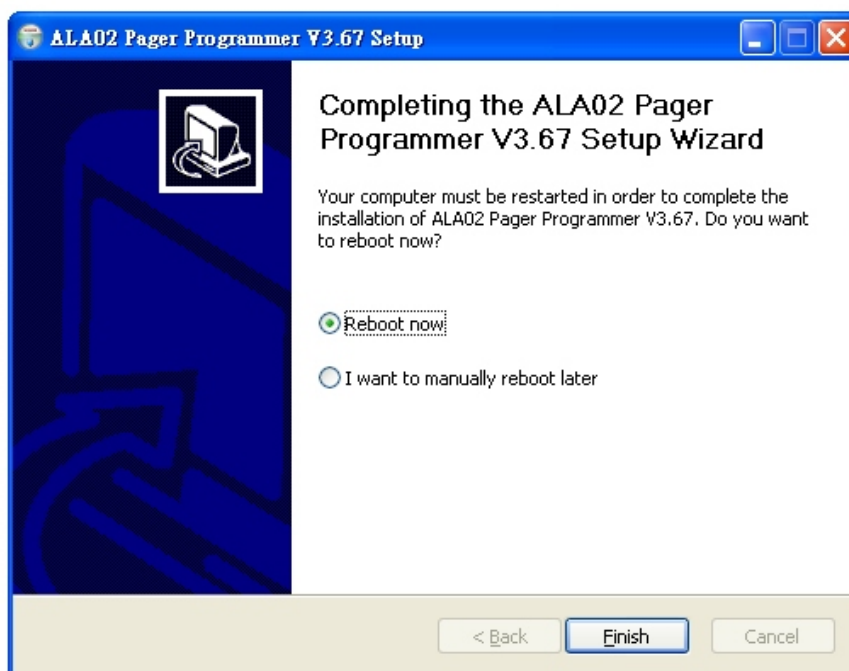
Create with Gold Apollo Co., Ltd.

< Back Next > Cancel

6. On the Select Program Folder screen choose where you would like the program to show up in your start menu and click “Install”.
-

Installing Programmer Software





Running

You now have the program installed. To run it from the Start menu/Programs / Gold Apollo /ALA02 Paddle Pager Programmer

ALA02 Programming

Introduction

Preparing a Transmitter for Reading or Programming:

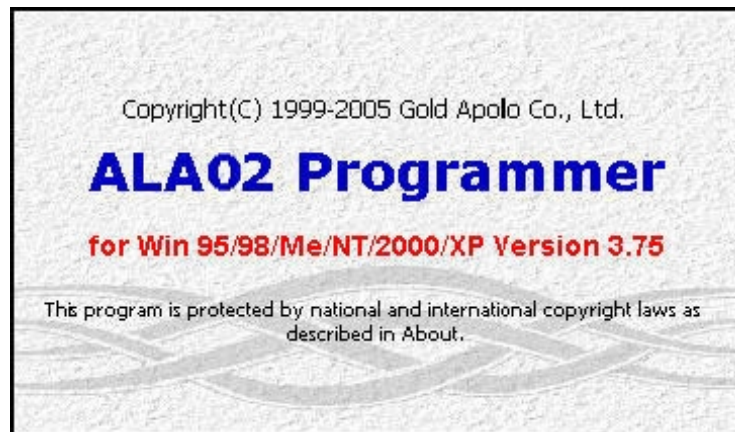
- Establish a computer hardware configuration.
- Run the programming software of ALA02.
- A Power LED illuminates on the Programming Interface to indicate proper contact. If the Power LED did not illuminate then you must check the configuration and restart the programming software of ALA02.
- Align the pager contact pin holes with the contact pins of the ALA02 Programmer.
- Press down on the Transmitter until it is tight in the fixture.
- Turn the Transmitter off or wait the Transmitter until standby mode. The Transmitter is now ready to read or program.

Starting the Programmer

The application can be launched from **Start** → **Programs** → **Gold Apollo** → **ALA02 Paddle Pager Programmer**. The following window appears :



Input your password. If key in wrong password for 3 times, the system shuts off automatically. If the password is correct, the following window appears :



Now, the system examines that the ALA02 programmer is well installed. If any questions, the following window appears :




Please re-check the ALA02 programmer and printer port are well installed or not. If connection successfully with the ALA02 programmer. The system enters the Code and Features Menu °


Code and Features Menu

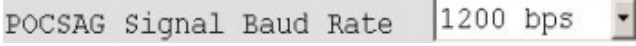
Code and Features		Music and Tone	
Frequency			
Range Of Frequency	137-175MHz	Frequency Of Pager	1530000 00Hz
POCSAG Signal Baud Rate	1200 bps		
Capcode (Address)			
1st Decimal Address	1234567	<input checked="" type="checkbox"/> 1st Capcode Enable	Calculate...
2nd Decimal Address	1234567	<input type="checkbox"/> 2nd Capcode Enable	
3rd Decimal Address	1234567	<input type="checkbox"/> 3rd Capcode Enable	
4th Decimal Address	1234567	<input type="checkbox"/> 4th Capcode Enable	
Status			
Out Of Service Time	5 min	Low Battery Alter Time	120 sec
Sequential Lock Time	Disable	Pager Signal Polarity	Normal
<input checked="" type="checkbox"/> Air Command For Power OFF			
Auto Increase After Write			
<input type="checkbox"/> 1st Capcode Auto Increase	1	<input type="checkbox"/> 2nd Capcode Auto Increase	

Frequency

Frequency	
Range Of Frequency	130-180MHz
Frequency Of Pager	1530000 00Hz
POCSAG Signal Baud Rate	1200 bps

- 

You can select the range of frequency and all setting will load default value.
- 

The frequency is on which the pager operates.
- 

The baud rate is on which the pager operates..

Capcode (Decimal Address)

Capcode (Address)			
1st Decimal Address	<input type="text" value="1234567"/>	<input checked="" type="checkbox"/> 1st Capcode Enable	<input type="button" value="Calculate..."/>
2nd Decimal Address	<input type="text" value="1234567"/>	<input type="checkbox"/> 2nd Capcode Enable	
3rd Decimal Address	<input type="text" value="1234567"/>	<input type="checkbox"/> 3rd Capcode Enable	
4th Decimal Address	<input type="text" value="1234567"/>	<input type="checkbox"/> 4th Capcode Enable	

- **1st Decimal Address to 4th Decimal Address**
Please input Capcode (7 Dec digits between 8 and 2097151).
- **2nd to 4th Capcode Enable**
Enable or disable 2nd to 4th Capcode (address).

-

Capcode (Address)			
1st Decimal Address	<input type="text" value="1000008"/>	<input checked="" type="checkbox"/> 1st Capcode Enable	<input type="button" value="Calculate..."/>
2nd Decimal Address			
3rd Decimal Address			
4th Decimal Address			

Calculate Auto Increase 1

1st Decimal Address	<input type="text" value="1000000"/>	Increase No. <input type="text" value="8"/>
Result Address	<input type="text" value="1000008"/>	<input type="button" value="Calculate"/>

Status	
Out Of Service Time	120 sec

Capcode (Address)			
1st Decimal Address	<input type="text" value="1000064"/>	<input checked="" type="checkbox"/> 1st Capcode Enable	<input type="button" value="Calculate..."/>
2nd Decimal Address			
3rd Decimal Address			
4th Decimal Address			

Calculate Auto Increase 8

1st Decimal Address	<input type="text" value="1000000"/>	Increase No. <input type="text" value="8"/>
Result Address	<input type="text" value="1000064"/>	<input type="button" value="Calculate"/>

Status	
Out Of Service Time	120 sec
Sequential Lock Time	Disable
Pager Signal Polarity	Normal
<input checked="" type="checkbox"/> Air Command For Power OFF	

Auto Increase After Write	
<input type="checkbox"/> 1st Capcode Auto Increase	8
<input type="checkbox"/> 2nd Capcode Auto Increase	

This Calculation use for Pager ID or Pager number of capcode does not increase by one.

Status

Status	
Out Of Service Time	5 min
Low Battery Alter Time	120 sec
Sequential Lock Time	Disable
Pager Signal Polarity	Normal
<input checked="" type="checkbox"/> Air Command For Power OFF	

- Low Battery Alter Time 120 sec

It select the pager emits a low battery cell alert when the battery reaches a low cell state after selection. Valid selections are disabled, 120 seconds, 10 minutes and 60 minutes.

- Sequential Lock Time Disable

The value is a sequential lockout timer begins when a message arrives and is flagged as being sequentially locked out. If duplicate messages arrive, one of the messages is disregarded and not flagged as a duplicate. Valid selections are disabled, 30 seconds, 60 seconds, 120 seconds and 240 seconds.

- Out Of Service Time 10 min

With an out-of-service time specified by the code plug, the pager is considered “out of service” when it does not detect a POCSAG synchronization word for that time period. The out-of-service icon displays at this time. Valid selections are: disabled, 60 seconds, 120 seconds, 5 minutes and 10 minutes.

- Pager Signal Polarity Normal

It select the RF signal polarity is normal or invert.

- ☒ Air Command For Power OFF

If it is selected, the Air Power Off Command will be enabled.
The command is a numeric message “-6-9-8-8-0” !

Auto Increase 1 after write

Auto Increase After Write

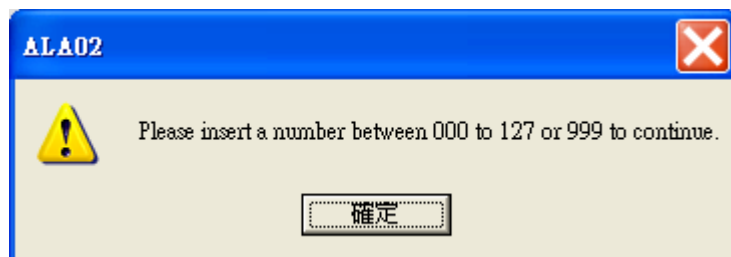
<input type="checkbox"/> 1st Capcode Auto Increase	1 ▼	<input type="checkbox"/> 2nd Capcode Auto Increase
	1	
	8	

- ☐ 1st Capcode Auto Increase 1 ▼
1st capcode always increment by 1 or 8 after write.
- ☐ 2nd Capcode Auto Increase
2nd capcode always increment by one after write.

Music and Tone

Each State can be customized vibrate or tone and LED flash, if desired, or the defaults can be used.

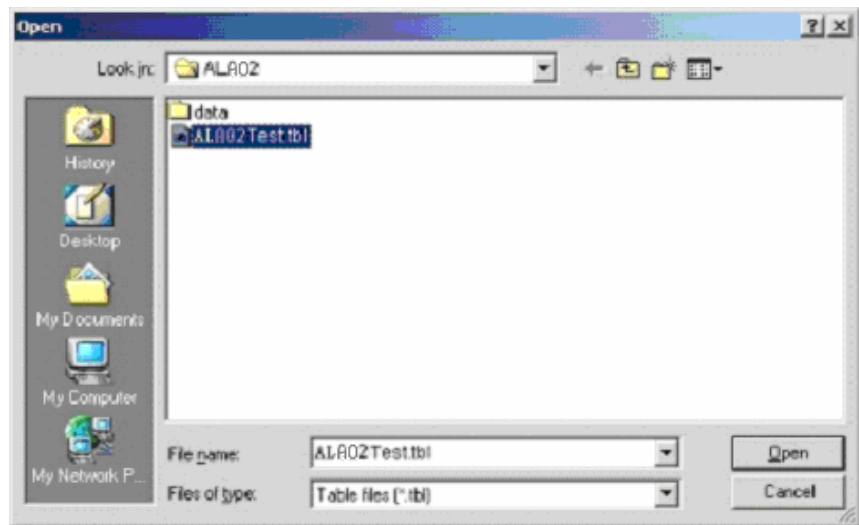
Code and Features		Music and Tone	
Power On & Out Of Range Alert			
Power On:	<input checked="" type="checkbox"/> Vibrate	<input checked="" type="checkbox"/> Beep	<input checked="" type="checkbox"/> Flash
	Flash Length <input type="text" value="03"/> Second		Music Type <input type="text" value="Tone 1"/>
			Music Length <input type="text" value="002"/> Second
Out Of Range	<input checked="" type="checkbox"/> Vibrate	<input checked="" type="checkbox"/> Beep	<input checked="" type="checkbox"/> Flash
	Flash Length <input type="text" value="03"/> Second		Music Type <input type="text" value="Tone 1"/>
			Music Length <input type="text" value="002"/> Second
Capcode & Battery Low Alert			
Flash Length:	Alert and Battery Low <input type="text" value="10"/> Second		
Capcode #1:	<input checked="" type="checkbox"/> Vibrate	<input checked="" type="checkbox"/> Beep	<input checked="" type="checkbox"/> Flash
	<input type="checkbox"/> Vibrate Then Beep	<input type="checkbox"/> Tone Of Fun. Bit	Music Type <input type="text" value="Tone 1"/>
			Music Length <input type="text" value="008"/> Second
Capcode #2:	<input checked="" type="checkbox"/> Vibrate	<input type="checkbox"/> Beep	<input checked="" type="checkbox"/> Flash
	<input type="checkbox"/> Vibrate Then Beep		Music Type <input type="text" value="Tone 2"/>
			Music Length <input type="text" value="008"/> Second
Capcode #3:	<input type="checkbox"/> Vibrate	<input checked="" type="checkbox"/> Beep	<input checked="" type="checkbox"/> Flash
	<input type="checkbox"/> Vibrate Then Beep	<input type="checkbox"/> Tone Of Fun. Bit	Music Type <input type="text" value="Tone 3"/>
			Music Length <input type="text" value="008"/> Second
Capcode #4:	<input type="checkbox"/> Vibrate	<input type="checkbox"/> Beep	<input checked="" type="checkbox"/> Flash
	<input type="checkbox"/> Vibrate Then Beep		Music Type <input type="text" value="Tone 4"/>
			Music Length <input type="text" value="008"/> Second
Battery Low:	<input checked="" type="checkbox"/> Vibrate	<input checked="" type="checkbox"/> Beep	<input checked="" type="checkbox"/> Flash
			Music Type <input type="text" value="Tone 6"/>
			Music Length <input type="text" value="008"/> Second



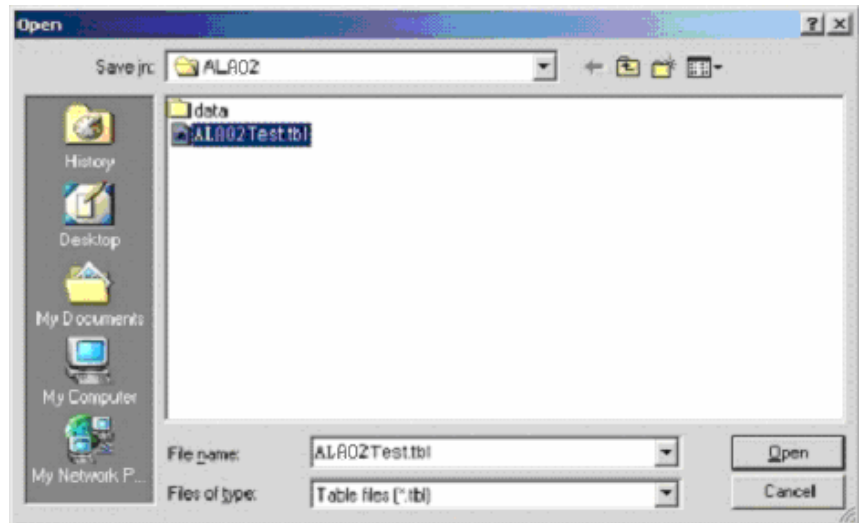
The alert length time can be set to 127 seconds or continues.

File | Open (Ctrl + O)

Click “Open” or “Ctrl + O” to open the ALA02 code-plug file. The file has the extension “.tbl”.

**File | Save (Ctrl + S)**

Click “Save” or “Ctrl + S”, save the current code-plug data to a file.

**File | Exit (Ctrl + E)**

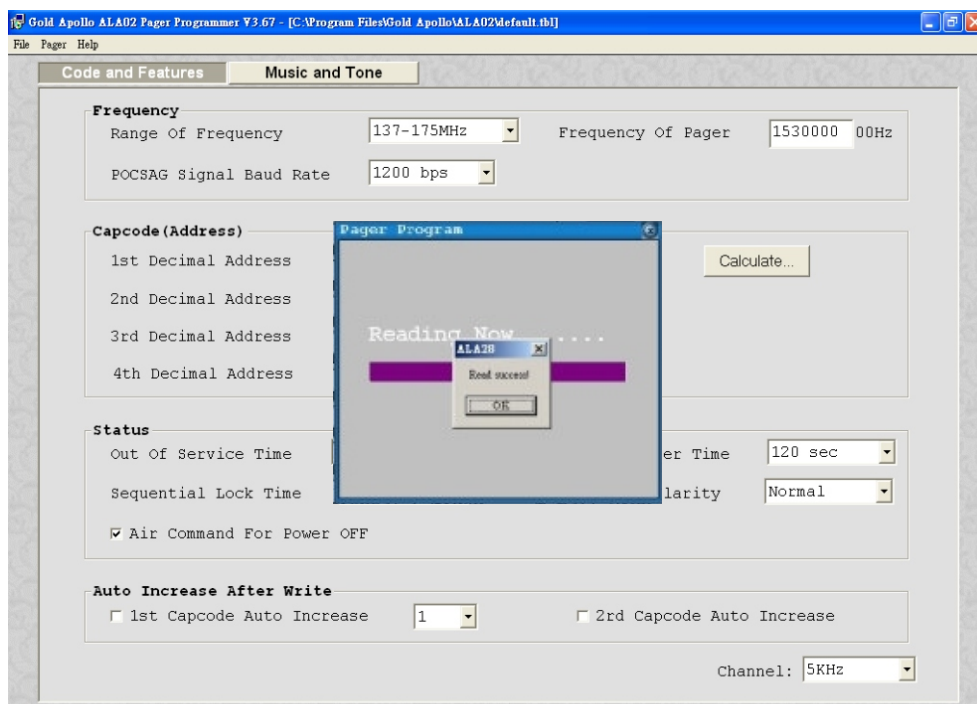
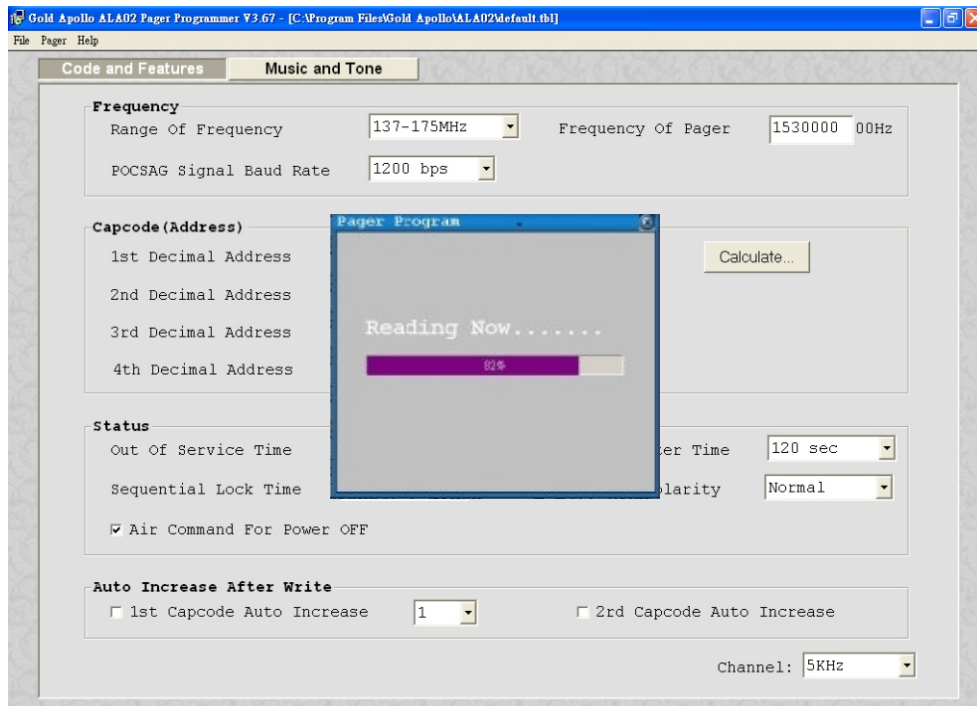
Exit the programmer software.

File | Exit (Ctrl + E)

Exit the programmer software.

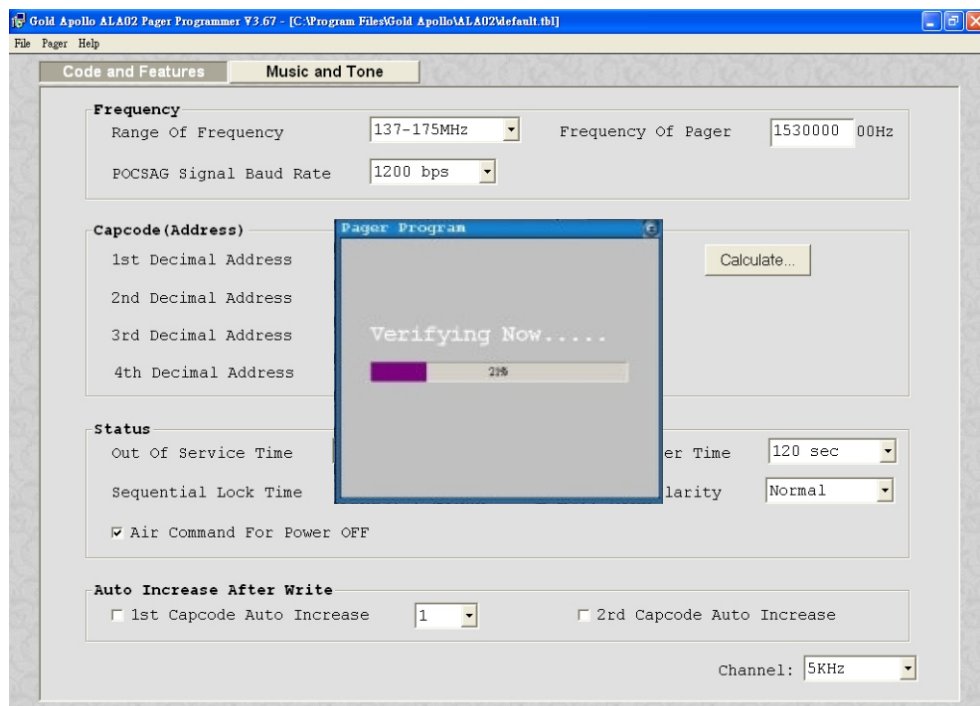
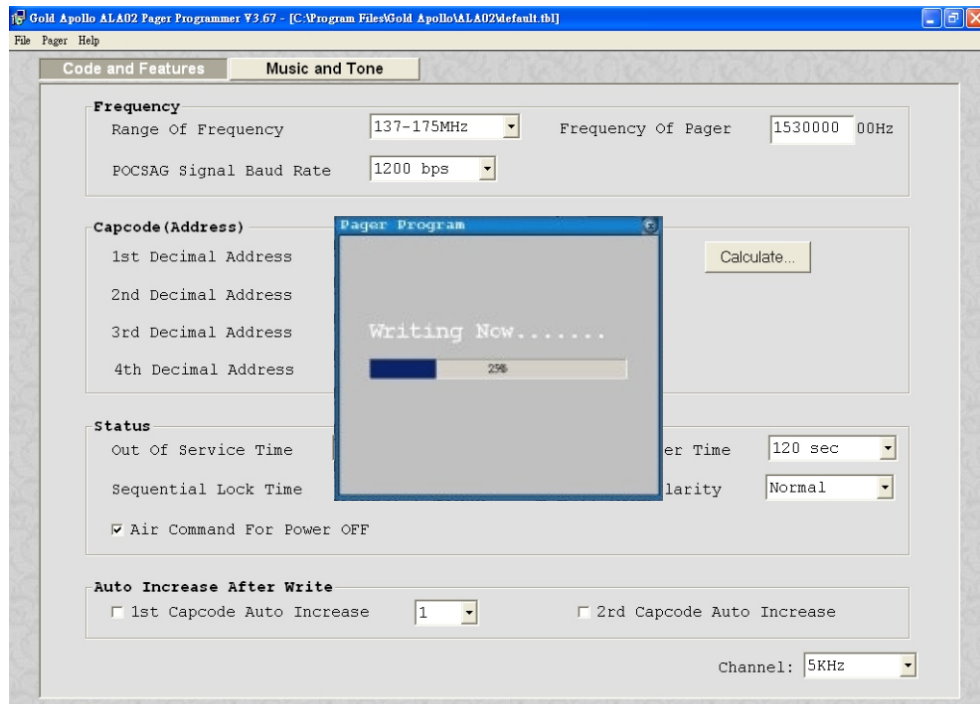
Pager | Read (F3)

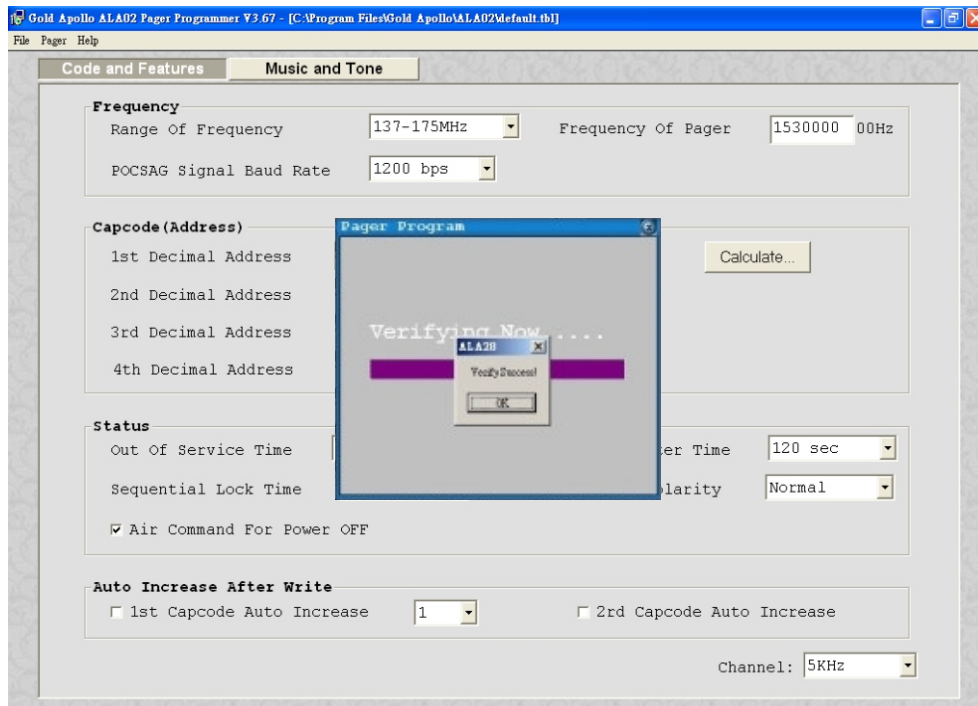
Click “Read” or press “F3” to read code-plug data from a ALA02. The status window shows reading process, when it's done, you will see a message window of [Read success] on the screen.



Pager | Write (F4)

Click “Write” or press “F4” to program the ALA02. The status window shows the writing process. When writing process finished, will starting verify process, when it is done, you will see a window of [Verify success] on the screen.





About

About the ALA02 Paddle Pager Programmer software information.

