

Voice Pager

MODEL : VP200



C C 2 4 0

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Getting Started

The VP200 Pager Programming Software provides the flexibility to program VP200 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), or compatible
- Windows SE or above operating system (XP Recommended)
- 128 MB of RAM
- A USB output port

Programming Interface

The Programming interface kit, shown in following Figure, supports VP200 programming Items included with the interface kit consist of the following:

- VP200 Programming software
- VP200 Programmer
- USB Cable Type A to B



VP200 Programmer



USB Cable - Type A to B

Installing Programmer Software

Installation

Install the programmer software into a PC as follows:

- 1. Uncompress the VP200_Setup.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.

😽 ¥P200 Pager Programmer	Setup
	Welcome to the VP200 Pager Programmer Setup Wizard This wizard will guide you through the installation of VP200 Pager Programmer It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer. Click Next to continue.
	Next > Cancel

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

-	User Inf	ormation		
	Please e	ncer your informa	idon	
Jser Name:				
Apollo				
Organization:				
Gold Apollo				

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



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

o vrzuu rager Pio	rammer Setup
6	Choose Start Menu Folder Choose a Start Menu folder for the VP200 Pager Programmer shortcuts.
Select the Start Men can also enter a nan	u folder in which you would like to create the program's shortcuts. You e to create a new folder.
Gold Apollo	
1-19 Appent 11 (Jonatos Alista (JON) Antes (Jonatos Antes (Jonatos	
fan i barne Fostual of hy Marine Marine	M
Create with Gold Apollo	Co., Itd
😽 ¥P200 Pager Pro;	rammer Setup
P200 Pager Pro;	rammer Setup Installing Please wait while VP200 Pager Programmer is being installed.
S YP200 Pager Pro	remmer Setup Installing Please wait while VP200 Pager Programmer is being installed. ver Installer.exe
Extract: PL-2303 Dri	rammer Setup Installing Please wait while VP200 Pager Programmer is being installed. ver Installer.exe
Extract: PL-2303 Dri	rammer Setup Installing Please wait while VP200 Pager Programmer is being installed. ver Installer.exe
YP200 Pager Pro Extract: PL-2303 Dri Show details	rammer Setup Installing Please wait while VP200 Pager Programmer is being installed. ver Installer.exe
YP200 Pager Pro Extract: PL-2303 Dri Show getails	rammer Setup Installing Please wait while VP200 Pager Programmer is being installed. ver Installer.exe

7. If you had installed USB driver then click "Finish" on the Setup Complete screen and VP200 Pager Programmer has been installed on your computer.

😽 ¥P200 Pager Programmer	Setup	
	Completing the VF Programmer VP200 Pager Programmer computer. Click Finish to close this wizard	2200 Pager Setup Wizard has been installed on your
	< <u>B</u> ack	Einish Cancel

8. If you did not install USB driver then click "OK" to install USB driver.

C in cool agent regrammer costap
Installation Complete Setup was completed successfully.
😌 VP 200 Pager Programmer S 🔀
This will install USB driver!
ОК
Create with Gold Apollo Co., Ltd < Back Finish Cancel
PL-2303 Driver Installer - InstallShield Wizard
Extracting Files The contents of this package are being extracted.
Extracting Files The contents of this package are being extracted. Please wait while the InstallShield Wizard extracts the files needed to install PL-2303 Driver Installer on your computer. This may take a few moments.
Extracting Files The contents of this package are being extracted. Please wait while the InstallShield Wizard extracts the files needed to install PL-2303 Driver Installer on your computer. This may take a few moments. Extracting data2.cab
Extracting Files The contents of this package are being extracted. Please wait while the InstallShield Wizard extracts the files needed to install PL-2303 Driver Installer on your computer. This may take a few moments. Extracting data2.cab
Extracting Files The contents of this package are being extracted. Please wait while the InstallShield Wizard extracts the files needed to install PL-2303 Driver Installer on your computer. This may take a few moments. Extracting data2.cab

Installing Programmer Software



9. Please reboot your computer after USB driver and programming software installed.

InstallShield Wizard	
	InstallShield Wizard Complete
	InstallShield already successfully to installed PL-2303 USB-to-Serial driver. Please press [Finish] button to close and out of InstallShield.
	If you have been plugged cable on PC before run this setup, please unplug and then plug cable again for system detect this device!
	< Back Finish Cancel

Running

You now have the program installed. To run it from the Start menu/ Programs/ Gold Apollo /VP200 Pager Programmer.

Connecting Programmer to VP200

Refer to Figure then connect the programmer kit as follows:

- 1. At the rear of the PC, connect the USB cable Type A Male to the USB port.
- 2. Plug the USB cable Type B Male into USB connector of the VP200 programmer. Hardware installation is complete.



Figure Programmer Hardware Connections

Introduction

The following describes the procedures for using the VP200 programmer to accomplish:

- 1. Establish a computer hardware configuration.
- 2. Make sure VP200 has fully charged battery.
- 3. Turn the On/Off volume control to the OFF position.
- 4. Turn the function switch to position 'C'.
- 5. With your right or left thumb, press down firmly and hold the reset button.
- 6. With your other hand, turn the On/Off volume control to ON.
- 7. The amber and red indicators should both light and a constant loud tone should sound for three seconds at least, then pager enter the programming mode and release the reset button.
- 8. Observe the position of the programming pins and insert the VP200 into the VP200 programming nest. The red indicator on the programming interface should light.
- 9. After programming succeeded, need to turn the On/Off volume control to the ON position to effect the values.

Starting the Programmer

1. The application can be launched from Start \rightarrow Programs \rightarrow Gold Apollo \rightarrow VP200 Pager Programmer. The following window appears:



2. 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:



3. Now, the system examines that if the VP200 programmer is well installed. If any questions, the following window appears:

VP 200	
♪	The Board is not responding ! Please check your programer ready and COM port connect properly !
	ОК

4. The system shuts off automatically, please re-check the VP200 programmer and COM port are well installed or not then, re-execute the system. If the connection with programmer is OK, the system enters the Main Menu.

Main Menu

₩ ₽₽200											
File Pager Advance Serial Setting COM Port COM	e A <u>b</u> out				Serial No.).	Tone Sys	tem ndard M	lode	• Use	er Mode
Channel F1 Cl Frequency Channel F1	nannel F2 1520000	2 Settin	a	Char	nnel Space Au	to 💌	PLLR 000	A311	PLLN 0014	6800	MUTL 🛛
Call Tone			Alert					Enat	ole Function	Switche	s Duty_
	Tone 1	Tone 2	Tone Type	e	Alert Patten	Alert Time	Priority Alert	SW-	А 🗌 5₩-В	SW-C	SW-D
CALL #1	1285.8	879.0	Standard	-	ABCDABCD	STD 💌		V	V	V	V
CALL #2	433.7	788.5	Standard	-	ABCDABCD	STD 💌		V	1		$\overline{\mathbb{M}}$
CALL #3	832,5	510.5	Standard	٣	ABCDABCD	STD 🔽		$\overline{\mathbb{V}}$	17	$\overline{\mathbb{V}}$	$\overline{\nabla}$
CALL #4	539.0	1122.5	Standard	~	ABCDABCD	STD 💌		$\overline{\mathbb{V}}$	$\overline{\mathbf{v}}$	M	
CALL #5	1153.4	1185.2	Standard	-	ABCDABCD	STD 💌		$\overline{\nabla}$	M	$\overline{\lor}$	$\overline{\nabla}$
CALL #6	1217.8	410.8	Standard	~	ABCDABCD	STD 💌			1		
CALL #7	746.8	1321.2	Standard	Ŧ	ABCDABCD	STD 🚽		$\overline{\mathbb{M}}$	<u>v</u>		2
CALL #8	669.9	707,3	Standard	-	ABCDABCD	STD 💌			$\overline{\nabla}$	M	ম
Group Call #	1 330.5		Standard	~	ABCDABCD	STD 🚽			M	M	V
Group Call #2	2 600.9		Standard	-	ABCDABCD	STD 🔻		1	1		
Group Call #	1185.2		Standard	~	ABCDABCD	STD 💌		~	1		V
Group Call #4	1433.4		Standard	~	ABCDABCD	STD 👻		V	17	V	ঘ
Vibrator Test	Vibrator Test ON OFF Alert Test Channel F1 Call #1 ON OFF										

Menu bar

In the menu bar, there are main menus with submenus like those conventionally used in Windows applications.

· 联邦 ¥P200	
<u>File Pager Advance About</u>	

• File | Open

Open a VP200 code-plug file. The file has the extension ".tbl".

• File | Save

Save the current code-plug data to a file. If the code-plug data file has already been saved, VP200 suggests the same filename to you click on Save, the file is overwritten.

• File | Save As

Save the current code-plug data to a file with different filename. If you saved the code-plug data file previously and don't need to change the file name, you can used the Save command instead.

- File | Restore all factory settings Restore to default settings.
- Pager | Write
 Write the current code-plug data to the pager.
- Pager | Read Read code-plug data from the pager.
- Pager | Verify Verify the pager data.
- Advance Set important parameters which requires a password to enter.
- About Information about the VP200 pager programming version.

Serial Setting

Select the communication port which is connected to your programmer kit. The system will search the available COM port in the computer and define the COM port that already connected with VP200 programmer as pre-programmed.

Serial Setti	ng	
COM Port	COM1	-

Serial No

The serial number of the VP200. After the scanner reading the serial number, it can only be for use of writing into EEPROM.

Serial N	0.	
s/N : [

Tone System

Select the type of system that the address tones will be selected for. If a system other than USER is selected, then tones pertaining to the selected system are the only tones available for programming.

Tone System	
⊙ Standard Mode	🔵 User Mode

• Standard Mode

If Standard Mode is selected, all call tones must match the tone listed in this table. If a tone frequency other then the tone frequency listed in this table is entered in the call tone field, the VP200 Pager Programmer will round this frequency to the nearest frequency in the table.

• User Mode

If USER is selected, then any address tone frequency can be entered if proper tone spacing is maintained and between 280.0Hz and 3500.0Hz.

Channel

The model of VP200 is supported two channels. Here is an example for channel F1.

Channel F1	Channel F2	2 Settin	g							
Frequency Channel F1	1520000	OOHz	Char	nnel Space Au	ito 💌	PLLR 0001	A311	PLLN 001	16800	MUTL 🛛
Call Tone							Food	I. Funding	Cuitala	- Durba
	Tone 1	Tone 2	Alert Tone Type	Alert Patten	Alert Time	Priority Alert	SW-A	A SW-B	Switche:	S Duly
CALL #1	1285.8	879.0	Standard 💌	ABCDABCD	STD 🗾		M	2	1	2
CALL #2	433.7	788.5	Standard 💽	ABCDABCD	STD 💌			$\overline{\mathbb{V}}$	l⊽	1
CALL #3	832.5	510.5	Standard 💽	ABCDABCD	STD 💌			M	N	V
CALL #4	539.0	1122.5	Standard 💽	ABCDABCD	STD 🗾		M	$\overline{\mathbb{V}}$	2	M
CALL #5	1153.4	1185.2	Standard 💌	ABCDABCD	STD 🗾		য	V	$\overline{\mathbb{V}}$	M
CALL #6	1217.8	410.8	Standard 💽	ABCDABCD	STD 💌		R	$\overline{\mathbf{v}}$	V	$\overline{\mathbb{V}}$
CALL #7	746.8	1321.2	Standard 💽	ABCDABCD	STD 💌				N	<u>Iv</u>
CALL #8	669.9	707.3	Standard 💌	ABCDABCD	STD 🗾		$\overline{\mathbb{M}}$		M	$\overline{\nabla}$
Group Call	#1 330.5		Standard 👻	ABCDABCD	STD -		M	2	<u>v</u>	V
Group Call	#2 600.9		Standard 💌	ABCDABCD	STD -				2	
Group Call	#3 1185.2		Standard 💽	ABCDABCD	STD -		R		V	2
🔲 Group Call	#4 1433.4		Standard 💌	ABCDABCD	STD -			2	2	1 V

> Frequency

Frequency				
Channel F1 1520000 00Hz	Channel Space 12.5 K 💌	PLLR 0001A311	PLLN 00146800	MUTL 1

• Channel F1

Enter the frequency of operation for the channel.

Channel Space

Select one of the channel spacing. The option has 12.5K, 10K, 6.25K, 2.5K or Auto.

> Call Tone

-Call Tone							Enabl	o Eunction	Switchou	- Durby
	Tone 1	Tone 2	Alert Tone Type	Alert Patten	Alert Time	Priority Alert	SW-A	SW-B	Switches	SW-D
CALL #1	1285.8	879.0	Standard 💌	ABCDABCD	STD 💌		N	V	<u>N</u>	2
CALL #2	433.7	788.5	Standard 💌	ABCDABCD	STD 💌		$\overline{\nabla}$	V	M	2
CALL #3	832.5	510.5	Standard 💽	ABCDABCD	STD 🔽		M	1	M	I⊽
CALL #4	539,0	1122.5	Standard 💌	ABCDABCD	STD 💌			<u>I</u> √	V	1
CALL #5	1153.4	1185.2	Standard 💌	ABCDABCD	STD 💌		N	M	M	
CALL #6	1217.8	410.8	Standard 💌	ABCDABCD	STD 💌		$\overline{\nabla}$	1	M	V
CALL #7	746.8	1321.2	Standard 💽	ABCDABCD	STD 💌		$\overline{\mathbb{V}}$	M	M	M
CALL #8	669,9	707.3	Standard 👻	ABCDABCD	STD 💌		$\overline{\nabla}$	$\overline{\mathbb{M}}$	V	M
🔲 Group Call #	1 330.5		Standard 💌	ABCDABCD	STD 💌		V	1	<u>v</u>	1
🔲 Group Call #	2 600.9		Standard 💌	ABCDABCD	STD 💌			M	M	M
Group Call #	3 1185.2		Standard 👻	ABCDABCD	STD 💌			M	M	V
Group Call #	4 1433.4		Standard 💌	ABCDABCD	STD 💌		M	M	1	I⊽

• CALL #1

If select this check box, the call address is always on.

• Tone 1/Tone 2

Make tone field entries. Entries into the tone fields are subject to previous selections of Tone System. If tone system selection is "Standard Mode", after selecting the desired Call/Tone field and then pressing (F9), the tone tables may be displayed.

-Call Tone	F9] Open Tone 1	Tone Table Tone 2
CALL #1		879.0

💷 Tone	Table													X
	Mot 1	Mot 2	Mot 3	Mot 4	Mot 5	Mot 6	Mot A	Mot B	Mot Z	Mot 10	Mot 11	GE A'	GE B'	GE C'
0	330.5	569.1	1092.4	321.7	553.9	1122.5	358.9	371.5	346.7	1472.9	1930.2	682.5	652.5	667.5
1	349.0	600.9	288.5	339.6	584.8	1153.4	398.1	412.1	384.6	1513.5	1989.0	592.5	607.5	712.5
2	368.5	634.5	296.5	358.6	617.4	1185.2	441.6	457.1	426.6	1555.2	2043.8	757.5	787.5	772.5
3	389.0	669.9	304.7	378.6	651.9	1217.8	489.8	507.0	473.2	1598.0	2094.5	802.5	832.5	817.5
4	410.8	707.3	313.0	399.8	688.3	1251.4	543.3	562.3	524.8	1642.0	2155.6	847.5	877.5	862.5
5	433.7	746.8	953.7	422.1	726.8	1285.8	602.6	623.7	582.1	1687.2	2212.2	892.5	922.5	907.5
6	457.9	788.5	979.9	445.7	767.4	1321.2	668.3	691.8	645.7	1733.7	2271.7	937.5	967.5	952.5
7	483.5	832.5	1006.9	470.5	810.2	1357.6	741.3	767.4	716.1	1781.5	2334.6	547.5	517.5	532.5
8	510.5	879.0	1034.7	496.8	855.5	1395.0	822.2	851.1	794.3	1830.5	2401.0	727.5	562.5	577.5
9	539.0	928.1	1063.2	524.6	903.2	1433.4	912.0	944.1	881.0	1881.0	2468.2	637.5	697.5	622.5
						Ent	er E	xit						

• Alert Tone Type

Select one of the Alert Tone type. The options has Standard, Continuous, User defines.

• Alert Patten

Enter in the tones A; B; C; D in the sequence in which you would like them to be heard. A minus sign "-" creates a short pause. See the "Alert Tonality" for tones A; B; C; D.

• Alert Time

STD = Alert cycle controlled by the transmitted tone duration.

• Priority Alert

If select this check box, the vibrate page alerts are replaced by tone alert for call 1 only.

• Enable Function Switches Duty

Select this to enable the call tones individually. If this is not selected, all calls tones will enable. Please note that the call tones will be enable subject to the selection of the function switch.

Setting

Channel F1 Channel F2 Setting	1		
Model Options			
Privacy Enable	Disable Power Save		Priority Max. Volume Level Notice : Only usable when Priority Alert is enable.
FIX Alert	Enable Function Announder States Control Co	ncement	Enable Function With Vibration / Alert
Disable Vibrator in Charger	🔲 Enable Priority Scan Wi	th Monitor	One Channel
Reset Control Time-Out RESET	▼ <u>Help</u> Delay Time ⁸	.0 sec (Stored Voice
Reminder 120 Second 💌			Record Section 16 sections (30 second)
Function Switches			Alert Tonality
Mode Priority Scan F1 💌 🗸	Alert Type Vibrate	📃 Push To	Listen Tonality A 0.200 KHz
SW-B Mode Normal Scan	Alert Type Tone	🗌 Push To	Listen
SW-C		where -	Tonality C 0.900 KHz
Mode Selective Call F1 💌	Alert Type Tone	🔲 Push To	Listen Tonality D 1.700 KHz
SW-D Mode Selective Call F2	Alert Type Tone	🔲 Push To I	Listen

> Model Options

Model Options		
Privacy Enable	🔲 Disable Power Save	Priority Max. Volume Level Notice : Only usable when Priority Alert is enable.
FIX Alert	Enable Function Announcement	☑ Enable Function With ∀ibration / Alert
Disable Vibrator in Charger	Enable Priority Scan With Monitor	One Channel
Reset Control Time-Out RESET	Help Delay Time 8.0 sec	Stored Voice
Reminder 120 Second 💌		Record Section 16 sections (30 second)

Privacy Enable

If select this check box, it can prevent the reset button from being used to monitor the channel.

☑ Disable Power Save

If select this check box, the Power Save is disable.

Priority Max. Volume Level

If it is selected, the tone alert is at maximum volume regardless of the position of the control.

☑ FIX Alert

If select this check box, the pager operates in the "fixed alert" mode. This means the tone alert is at maximum volume regardless of the position of the volume control. If it isn't selected, then the alert tone and voice audio level are adjustable using the volume control.

☑ Vibrator in Charger

Define that the pager alarm in the charger (Charger) actively..

☑ Enable Function Announcement

Enable or Disable the voice prompt when a pager is powered on or the function switch is turned. This feature is available with the feature of "Save voice" is enabled.

☑ Enable Function With Vibration / Alert

Enable or Disable the vibration or alert prompt when a pager is powered on or the function switch is turned.

One Channe

Select this to disable all the functions in the "Channel F2", which includes monitor F2, Selective call F2, Normal scan, Priority Scan F1, Silent scan.

Reset Control

Determines how a select call pager squelches a message after receiving a page. The option has Auto Reset

Delay N sec Auto Rest

Manual RESET

Time-Out

RESET

Revert SQ

Delay AUTO N with Revert. Click Help to displays "RESET

FUNCTION HELP".

] i macy Enable	Uisable Power Save	Priority Notice : Or	/ Max. Volume Level ily usable when Priority Alert is enabli
FIX Alert This fi	RESET FUNCT ield sets the method to re are 6 methods, depending o	TION HELP eset the audio. on the model.	pration / Alert
] Disable Vibrate 1. Auto Rese	o RESET: ets the audio when carries	drops.	
eset Control Tim Wait 3. Manu	ay a sec auto Reset: ts N seconds before checki nal RESET:	ng carrier drop.	
eminder 120 Rese 4. Time Rese	ets the audio only when the e-out RESET: ets after a selected amount	ne Reset Switch is	depressed. 30 second) 💌
Action Switches SW-A Mode Priority S	ert SQ: erts to Monitor Mode after ay AUTO N with Revert: t N seconds and then behav	r receiving a SelCa re as monitor mode	all page.
SW-B unti	il the reset button is pus	shed.	100 KHz
sw-c	. , _		Tonality C 0.900 KHz
	Alert Type Topo	🗖 Push To Listen	Tanalas D. 1. 200 Kila

☑ Reminder

When "Save voice" is present, this option establishes the time witch the pager to beep periodically indicating an unread message. The option has Disable > 30Second > 60 Second > 120 Second.

☑ Save voice

Enable or disable stored voice on models with this option.

☑ Record Section

Select the maximum length (in seconds) of a message. This entry is available only on stored voice pagers. This option has 4 sections (120 seconds) \$\$ 8 sections (60 seconds) \$\$ 16 sections (30 seconds) \$\$ 32 sections (15 seconds).

Function Switches Group

Determines the Function Switches. Here is an example for SW-A.

Function Switches		
Mode Priority Scan F1	Alert Type Vibrate	🗌 Push To Listen
SW-B		
Mode Normal Scan 💌	Alert Type Tone	🗌 Push To Listen
Mode Selective Call F1	Alert Type Tone	🗌 Push To Listen
- GW-D		
Mode Selective Call F2 -	Alert Type Tone	🔲 Push To Listen

• Mode

Select one of the pager operation modes. If a pager is set to a single channel pager, only modes regarding F1 are available. The options are Monitor F1, Monitor F2, Selective Call F1, Selective Call F2, Normal Scan, Priority Scan F1 and Silent Scan.

• Alert Type

A pager can alert at three different ways. The option has Tone Vibrate and Tone & vibrate.

• Push To Listen

Enable the PTL option. At this time, the Alert Type is changed to Vibrate automatically and disabled the user selection for Alert Type. This option is only available in selective call and silent scan modes.

> Alert Tonality

Each letter can have possible waking audio frequencies from 150 cycles per second to 5.49 kHz. The system rounds entered frequency off depending upon the possibilities of the internal frequency divider on or.

-Alort Tonality	
Alercionality	
Tonality A 0.200 KHz	
Tonality B 0.400 KHz	
Tonality C 0.900 KHz	
Tonality D 1.700 KHz	