These Instructions are for the Apollo "USB" Programmer Software v6.XX and Up.

After Installing the Software and Rebooting the Computer, when you first start the Program, the Software will ask for a Password. See Fig. 1



Fig. 1 - (Note: The "Enter" Key will not work here)

After Entering the Password, you see the Splash Screen with the Model of the Pager and Version Number of the Software. See Fig. 2



Fig. 2

The Point of the Documentation is to help you understand the "Basics" of Programming the Apollo Pagers listed below, showing the Normal Defaults used. This Document will also Show you the "Hidden" Features. At the End of the Document, there are the "Button Programming" Instructions for the same Model Pagers. Programming Questions: Contact Technical Support at: 1.800.373.1466 or <u>Support@WirelessMessaging.com</u>

<u>NOTE 1:</u> This Documentation will Start with the Apollo Gold Programming Screens (Page 2). The Second Portion of this Document will be the Apollo 924 Programming Screens (Page 6).

<u>NOTE 2:</u> The Version Numbers may be different, but the Programming is Basically the same.

Let's Get Started...

On the First Tab, "Code and Features" (Part 1):

Set up the Pager Information: Apollo Gold

- 1- Choose the Frequency Range that your Frequency falls into (Normally 380-499MHz)
- 2- Enter the Frequency (Must be in-Between the Range chosen in Previous Step) See Fig. 3

Apollo Gold Pager Software Version 6.XX
🗊 Gold Apollo USB ALA25B31(USB)(Test Only) V06.10 - [C:\Program Files (x86)\Gold Apollo\ALA25B(USB)\defa 💶 💷 🗮 🗶
File Pager Help Code and Features - Set the Frequency Range and the Frequency
Code and Features Alerts and Status Prompts Edit
Frequency 1- Choose the Frequency Range Before Entering the Actual Frequency 2- Enter the Frequency Range Of Frequency 380-499MHz Frequency Of Pager 46465000 MHz
929-932MHz 380-499MHz
Capcode (Decimal Add 130-180MHz
Cap #1 0000101 🔽 (130-180MHz-GP(RoHS) V Priority: Disp: AAAA Type: PPPP
Cap #2 0000100 V ON Fun. Bit En: vvvv Priority: Disp: AAAA Type: PPPP
Cap #3 1234561 ON Fun. Bit En: vvvv Priority: Disp: AAAA Type: PPPP
Cap #4 1234562 ON Fun. Bit En: vvvv Priority: Disp: AAAA Type: 1111
Cap #5 1234563 ON Priority Display: Alpha V Type: Mail Drop 2 V
Cap #6 1234564 ON Priority Display: Alpha V Type: Mail Drop 3 V
Message Type Status (PG: Personal & Group M:Mail Drop) Normally left at Defaults PG M1 M2 M3 M4 M5 M6 M7 M8 M9 MA MB MC MD ME as Shown Here Msg Status Select Alert Length 08
Auto Increase 1 After Write
1st Capcode Auto Increase 2nd Capcode Auto Increase

Fig. 3

On the First Tab, "Code and Features" (Part 2):

Set up the Pager Information: Apollo Gold

- Set the POCSAG Baud Rate (512 bps, 1200 bps or 2400 bps) Check your Transmitter.
- Set the Channel (12.5 KHz, Auto or 10 KHz) Should 12.5 for NB Transmitters.
- Set the Bandwidth (Narrow Band-NB or Wide Band-WB)
- See Fig. 4

Fig. 4

- Enter the Cap Code(s) as needed for each pager.
- Place a Check Mark for the Cap Code Slot you wish to Activate (Turn "ON") as Shown above.
- The 1st 3 Cap Codes (1- 3) are Personal and will Sound an Alert when Paged (unless the Alerts are set to Vibrate).
- The last 3 Cap Codes (3- 6) are Mail Drops and usually will NOT sound an Alert when Paged.
- The last 3 Cap Codes can be reset to be Personal, if needed. See Page 11 for more Info.

On the Second Tab, "Alerts and Features" (Part 1):

Hidden Options: Apollo Gold

Choose either "Page Count" or "Direct" for the Display Mode (Normally "Direct" would be used)

Choose "Direct" to Show:

- 1- Hidden Option for LCD Light
- 2- To Show Message Immediately when the Pager Receives a Message. See Fig. 5

Apollo Gold Pager Software Version 6.XX
🖟 Gold Apollo USB ALA25B31(USB)(Test Only) V06.10 - [C:\Program Files (x86)\Gold Apollo\ALA
File Pager Help Alerts and Status Click "Direct" to: 1- Show Hidden Option for LCD Back Light Code and Features Alerts and Status Prompts Edit 2- Show Message Immediately when Paged
Alerts and Status Alerts and Status Alert and Vibrate Paging Display Mode Page Count Chose "Direct" to Show LCD Backlight Hidden Feature Page Count Direct Direct Page Lovel High 1 200 T
Battery Gauge Level-High 1.39V V Duplicate Msg. Out-of Service Disable V Battery Gauge Level-Med 1.29V V Read Time Out 12 sec V Password (4 Dec) 0000 Battery Gauge Level-Low 1.19V V Screen Contrast 4 Screen V Push Key Lamp On Enable Click the "Push Key Lamp" Check Box to "Enable" Hidden Features V Long Message Control Enable V Counter Out Enable
Menu Of Pager Set Scroll Disable Set Alarm Disable Zoom In Disable Pager Off Disable Set Time Disable Auto Sleep Disable Set Alert Disable
Manual Write Manual Write Enable Frequency Modification Enable Password Modification Enable
Prompts L C R Logo Font English (Large) ▼ Prompt Language Type English ▼ Date Display Method mm-dd-yy ▼

Fig. 5

Click the "Push Key Lamp on Enable" Check Box to Show more Hidden Options. See Fig. 5 (Above)

On the Second Tab, "Alerts and Features" (Part 2):

Display Mode: Apollo Gold

After Choosing "Direct", the Hidden Option "Direct Show Lamp On" will be Displayed. Click the Check Box if you want the LCD Light to come "On Automatically" when you receive a page.

See Fig. 6

Apollo Gold Pager Software Version 6.XX
🗊 Gold Apollo USB ALA25B31(USB)(Test Only) V06.10 - [C:\Program Files (x86)\Gold Apollo\ALA
File Pager Help Most Fields and Check Boxes will be as Shown Below for Normal Pager Operation
Code and Features Alerts and Status Prompts Edit
Alerts and Status Alert and Vibrate Paging Display Mode Direct Discard Error Msg Disp Source Addr ON Sequential Lockout disable
✓ Lowcell Alert ON Polarity Normal ▼ Reminder Duration 2 minutes ▼
Battery Gauge Level-High 1.39V V Duplicate Msg. Out-of Service Disable V
Battery Gauge Level-Low 1.19V Screen Contrast 4 Screen
▼ Push Key Lamp On Enable
✓ Long Message Control Enable ✓ Counter Out Enable Checked for "One-Button-Delete"
Menu Of Pager Click the Check Boxes Below to "Disable" that Feature so it will NOT Show on the Pager Menu Set Scroll Disable Set Alarm Disable Zoom In Disable
Pager Off Disable Set Time Disable <u>NOTE:</u> It is NOT Recommended to Check the
Auto Sleep Disable Set Alert Disable "Set Time Disable" Feature. The Time would still be Displayed But could Not be Updated or Changed.
✓ Manual Write Enable ✓ Password Required Enable
▼ Frequency Modification Enable ▼ Password Modification Enable
Prompts Power Up Logo: Enter Name or Pager Number as Shown Below or Leave Blank
Power Up Logo Pager 101
Prompt Language Type English 💌 Date Display Method mm-dd-yy 💌
Fig. 6

Click the "RD Key Delete Enable" Check Box to Activate the "One-Button-Delete" Feature. Option: Enter a Name or Pager Number in the Power Up Logo Text Box. See Fig. 6 (Above)

This Ends the Apollo Gold Programming Instructions.

Please proceed to the Next Page for Apollo 924 Programming Instructions.

After Installing the Software and Rebooting the Computer, when you first start the Program, the Software will ask for a Password. See Fig. 1

The	Password is: AC5678, then Click OK.
	Password
	AC5678 Please Input Password
	Ok Exit

Fig. 1 - (Note: The "Enter" Key will work here)

After Entering the Password, you see the Splash Screen with the Model of the Pager and Version Number of the Software. See Fig. 2



Fig. 2

On the First Tab, "Code and Features" (Part 1):

Set up the Pager Information: Apollo 924

- 1- Choose the Frequency Range that your Frequency falls into (Normally 380-499MHz)
- 2- Enter the Frequency (Must be in-Between the Range chosen in Previous Step) See Fig. 3

	Apollo 924 Pager	Software version 6.10				
1 Gold Apollo USB AL924	4T31(USB) V6.10 - [C:\Program	n Files (x86)\Gold Apollo\AL924T(USB)\def 💶 💷 🗮				
File Pager Help	Code and Features - S	et the Frequency Range and the Frequency				
Code and Features	Alerts and Status	Prompts Edit				
-Frequency 1- Choo	se the Frequency Range Befo	ore Entering the Actual Frequency				
Range Of Frequ	ency 380-499MHz	Frequency Of Pager 46465000 MHz 2- Above Enter the				
	929-932MHz	Frequency to be used				
-Cancode (Decima	1 Ad 130-180MHz					
Cap #1 0000101	₩ 130-180MHz-GP (R	OHS) VVVV Priority: Disp: AAAA Type: PPPP				
Cap #2 0000100	▼ ON <u>Fun. Bit</u> En:	vvvv Priority: Disp: AAAA Type: PPPP				
Cap #3 1234561	ON Fun. Bit En:	vvvv Priority: Disp:AAAA Type:PPPP				
Cap #4 1234562	ON Fun. Bit En:	vvvv Priority: Disp:AAAA Type: 3333				
Cap #5 1234563	🗌 ON 🗌 Priority Di	splay: Alpha 🔹 Type: Mail Drop 4 💌				
Cap #6 1234564	🗌 🗆 ON 🗍 Priority Di	splay: Alpha 💌 Type: Mail Drop 5 💌				
Auto Increase 1 After Write Ist Capcode Auto Increase Normally left at Defaults as Shown Below Message Alert Length (P:Personal Msg Alert P M1 M2 M3 M4 M5 Length Set M3						

Fig. 3

On the First Tab, "Code and Features" (Part 2):

Set up the Pager Information: Apollo 924

- Set the POCSAG Baud Rate (512 bps, 1200 bps or 2400 bps) Check your Transmitter.
- Set the Channel (12.5 KHz, Auto or 10 KHz) Should 12.5 for NB Transmitters.
- Set the Bandwidth (Narrow Band-NB or Wide Band-WB) See Fig. 4

		Apollo 924 Page	r Soft	ware versio	n 6.10	
🐮 Gold /	Apollo USB AL924	4T31(USB) V6.10 - [C:\Pr	rogram Files (x86	5)\Gold Apollo\A	L924T(USB)\def	- D X
File Pa	ger Code and	Features - Set the Pag	ger Baud Rate, 1	the Channel, the	BandWidth and	the Cap Code(s)
Code	e and Features	Alerts and Status	Prompts	Edit		
Fr	equency					
P	1– Enter Pag OCSAG Signal	ger Baud Rate Baud Rate 512	2-1 bps 🔻 🖸	Enter 12.5KHz Ch hannel 12.5KH	nannel 3.Ente Iz ▼ Bandwidt	h NB 👻
-Ca Ca	pcode(Decima p #1 0000101	1 Address) 2400 512	bps bps bps v Pr	10KHz 12.5KH iorit)Auto	IZ AAAA Ty	NB WB MPetter
Ca	p #2 0000100	ON Fun. Bit	En:vvvv Pr	iority:	Disp: AAAA Ty	/pe: <mark>PPPP</mark>
Ca	p #3 1234561	ON <u>Fun. Bit</u>	En:vvvv Pr	iority:	Disp: AAAA Ty	/pe:PPPP
Ca	p #4 1234562	ON Fun. Bit	En:vvvv Pr	iority:	Disp:AAAA Ty	/pe:3333
Ca	p #5 1234563	🗌 ON 🔲 Priorit	y Display: A	lpha 🔻	Type: Mail D	rop 4 💌
Ca	p #6 1234564	ON Priorit	y Display: A	lpha 💌	Type: Mail D	rop 5 💌
Au	to Increase 1	After Write		Canada Juta	T	
No	rmally left at De	faults as Shown Below	1 2nd	capcode Auto	Increase	
Ме	Msg Alert I	ength(P:Personal) M1 M2 M3 M	M:Mail Dro 4 M5) (q		
	Length Set 08					

Fig. 4

- Enter the Cap Code(s) as needed for each pager.
- Place a Check Mark for the Cap Code Slot you wish to Activate (Turn "ON") as Shown above.
- The 1st 3 Cap Codes (1- 3) are Personal and will Sound an Alert when Paged (unless the Alerts are set to Vibrate).
- The last 3 Cap Codes (3- 6) are Mail Drops and usually will NOT sound an Alert when Paged.
- The last 3 Cap Codes can be reset to be Personal, if needed. See Page 11 for more Info.

On the Second Tab, "Alerts and Features" (Part 1):

Hidden Options: Apollo 924

Choose either "Page Count" or "Direct" for the Display Mode (Normally "Direct" would be used)

Choose "Direct" to Show:

- Hidden Option for LCD Light
- Message Immediately when Paged See Fig. 5

Apollo 924 Pager Software version 6.10
🞲 Gold Apollo USB AL924T31(USB) V6.10 - [C:\Program Files (x86)\Gold Apollo\AL924T(USB)\def 😐 💷 🔤 👘
File Pager Help Alerts and Status - Click "Direct" to: 1- Show Hidden Option for LCD Back Light
Code and Features Alerts and Status Prompts Edit 2- Show Message Immediately when Paged
Alerts and Status Paging Disp Mode Page Count Chose "Direct" to Show LCD Backlight Hidden Feature Page Count Page Count
Screen Contrast 4 Screen Reminder Duration Control 2 minutes -
Battery Gauge Level-High 1.39V ▼ Sequential Lockout Control disable ▼
Battery Gauge Level-Med 1.29V Password of Pager(4 Dec) 0000
Battery Gauge Level-Low 1.19V V Pager Signal Polarity Normal V
✓ Lowcell Alert Enable ✓ Counter Out Enable ✓ Long Message Control
▼ Display Source Enable
Menu Of Pager Set Scroll Disable Set Alarm Disable Zoom In Disable
Pager Off Disable Set Time Disable
The Auto Sleep Disable Set Alert Disable
Manual Write Manual Write Enable Password Required Enable
▼ Frequency Modification Enable ▼ Password Modification Enable
Prompts Power Up Logo Pager 101 L C R Logo Font Large Font -
Prompt Language Type English 💌 Date Display Method mm-dd-yy 💌

Fig. 5

On the Second Tab, "Alerts and Features" (Part 2):

Display Mode: Apollo 924

After Choosing "Direct", the Hidden Option "Direct Show Lamp On" will be Displayed. Click the Check Box if you want the LCD Light to come "On Automatically" when you receive a page. See Fig. 6

		A	Apollo 9	24 Page	er	Softwar	e vers	ion 6.10		
🐮 Gold	Apollo U	SB AL924	T31(USB)	V6.10 - [C:\	Program	n Files (x86)\Go	ld Apoll	o\AL924T(USB)	\def	x
File P	ager He	lp	Most Fiel	ids and Ch	eck Bo	xes will be as	Shown I	Below for Norn	nal Pager Opera	tion
Coo	de and Fe	atures	Alerts	and Status		Prompts Edit			Defendance (1.12
Al	erts and	d Statu	S							
	Duplica	ite Msg	Enable	Pagi	ng Dis	p Mode Dire	ct	- ODire	ect Show Lamp	On
	Discard	i Error	Message		brati	on And Beep		Out-of Ser	vice Disable	<u> </u>
So	creen Co	ntrast		4 Scre	en	Reminder	Durati	on Control	2 minutes	<u> </u>
Ba	attery G	auge Le	vel-High	1 1.39V	•	Sequentia	l Lock	cout Control	disable	-
Ba	attery G	auge Le	vel-Med	1.29V	•	Password	of Pag	er(4 Dec)	0000	
Ba	attery G	auge Le	vel-Low	1.19V	•	Pager Sig	nal Po	larity	Normal 🔻	
	Lowcell	Alert	Enable		Count	er Out Enab	le	✓ Long	Message Contr	ol
	Display	/ Source	e Enable							
Me	enu Of Pa	ager Clic	k the Che	ck Boxes B	elow to	"Disable" that	Feature	so it will NOT	Show on the Pag	er Menu
	Dagar	OFF Die	sable		Set T	ime Disable	NOT		n in Disable	
	Auto S	leep Di	sable		Set A	lert Disable	Set 1	<u>::</u> It is NOT Reco Time Disable" F	eature.	eck the
							The T Not b	ime would still e Updated or C	l be Displayed Bu Changed.	t could
Ма	Manua Wr	ite al Writ	e Enable			🔽 Pa	ssword	Required En	nable	
	🔽 Frequ	lency M	odificat	ion Enabi	le	🔽 Pa	ssword	Modificatio	on Enable	
Pr	compts Po	wer Up L	<u>.oqo:</u> Ente	r Name or	Pager N	lumber as Sho	wn Belo	w or Leave Blai	nk	
P	ower Up	Logo	Pager	101		LCR	L	ogo Font La	rge Font 💌	
P	rompt La	anguage	Type E	nglish	•	Date	Displa	y Method m	n-dd-yy 💌	

Fig. 6

All Alphanumeric Pager Models

On the Main Screen "Code and Features": "Cap Code and Function Bits Setting" See Fig. 10

Enable Control:

• Normally ALL Function Bits (A- D) are "Checked".

Priority Alert Control:

- Normally these are NOT "Checked".
- Check if you wish to have a Cap Code Set with a "Priority Alert Tone" when Paged.

Message Display:

- For Alphanumeric Pagers chose "Alpha".
- For Numeric Pagers chose "STD Numeric".

Message Type:

- Normally set at "Personal"
- Change Mail Drop to Personal or Personal to Mail Drop in these Fields, * See Note. See Fig. 11

Sapcode Punction B			-
	Capcode F	unction Bit	Ok
Enable Control-	19 CR	- 195 - 195	
🔽 Fun. Bit A	🔽 Fun. Bit B	🔽 Fun. Bit C	🔽 Fun. Bit D
Priority Alert	Control		
「 Fun. Bit A	🔽 Fun. Bit B	🗍 Fun. Bit C	🗌 Fun. Bit D
Alpha 🗾	Alpha 🔽	Alpha 🔽	Alpha 🔽
Message Type —		Dun Dit C	Due Dit D
Fun. BIC A	Fun. Bit B	Fun. Bit t	Fun. Bit D
Personal 💌	Personal 💌	Personal 💌	Personal 💌
Fig. 10			
U			

Message Type Fun. Bit A	Fun. Bit B	Fun. Bit C	Fun. Bit D
Mail Drop 1 💌	Mail Drop 1 💌	Mail Drop 1 💌	Mail Drop 1 💌

Fig. 11 * Note: Mail Drops will NOT sound an Alert when Paged.

This Ends Programming for the 924. Button Programming – Next Page.