UNICATION G4 WHITE PAPERS A Simplified Programming Guide



Thank you for purchasing the Unication G4 Voice Pager. This document is meant to assist you in creating a G4 Profile from scratch. At any time during this process if you have questions or require additional assistance please contact us at 817-303-9320 and select Option 1: P25 Support.

TABLE OF CONTENTS

Loading the Pager Programming Software2	
Tab 2- Frequency & System Settings 4	
Tab 3- Protocol Parameter Setting 7	
Tab 4- Group ID Setting 8	
Tab 5- Zone & Channel Spacing11	
Tab 6-Pager Function Setting	
Tab 7- Pager Configuration Setting 17	
Tab 8- Pager device parameter Setting19	
Tab 9- Profile Detail Report 20	
Connecting the USB to Program the device20	

LOADING THE PAGER PROGRAMMING SOFTWARE

I. The first thing that we encounter when opening the G4 PPS is the login screen. The username is admin, the password is also admin.

G Series Pre	-Programming Software
User Name:	admin
Password:	L
Login	Cancel

II. When the PPS opens we find ourselves on the welcome page. From this page we can perform a "quick program" using the latest programmed files. However in this document we are focusing on creating a profile from scratch. So we need to select <u>Tab C</u>

side:				Welc	ome to G	Series F	PPS	
er Profile	Unio goa con Ver V0 For	cation proudly il is to provide munications rsion .2.4 R10 Pager Model J. G5	the best so application		s voice pager. Our vour wireless			
Profile	Las	test Programm	ed Profiles	1	3		Carlos Carlos	
_		Sure	Bard	Created 2at	a Last programming	time		A Setting
grone	1	Beta July15	700/800 & VHF	7/13/2015	8/5/2015	Program		-
	2	Harris Demo	700/800 & VHF	7/27/2015	7/27/2015	Program		

III. After selecting Tab C we are presented 3 sub options C1, C2, and C3. C1 is Create New Profile this option should be selected when crating a profile from scratch. C3 is used when your G4/G5 has a file preprogrammed in it. We will be selecting <u>Tab C1.</u>

G_Series_PP5_V00-02-0					- U x
Une Saries PF	10224010	User C admin	0 Detail	Customer Support em: +817 383 9020 (USA) # +617 885 3424 (USA) # sere@utication.com	Altout
A User Game	in a la companya de la	Wel	come to	G Series PF	S
B terms C2 Capy from		me n proudly introduces o provide the best so			
Crease Profile for User Group	Version V0.2.4			- Water	
View Edit Existing Profile	For Page G4, G5	er Model			
E Program trem	Lastest P	Programmed Profiles		4	Contraction of the second seco
		Num Bard	Created Date Lar	t programming time	· Andrewson
(F) Programming	1 Beta	July15 700/800 & VHF	7/13/2015 8/5/201	5 Program	HOW
	2 Ham	is Demo 700/800 & VHF	7/27/2015 7/27/20	15 Program	
G Importagent					
¥					1

IV. Once Tab C1 is selected you must then choose the model of your unit. You will have 3 choices 700/800, 700/800 + VHF, 700/800 + UHF. Your selection will be based on which unit you have.



V. Once you select your model number you will be presented with the main programming screen of the PPS.

Www.unication.com	V0.2.4 R10	admin 0	Detail Customer Support Detail Plane 45/7 302 3020 (USA) Fer 45/7 302 3020 (USA) Pres 45/7 302 3020 (USA) Pres 45/7 302 3020 (USA)	
A	Create Profile for	User Group >> Create Hew I	Profile >> User Group Information Setting	
Croate New	C. A. C.	Model Humber Information	lerr .	Parameter Description
A User Galle C1 Croate New	Uner Group	Model Number : G48	64BF-SXXXEN1501UNI	Profile ID
	Setting	• RF Band : 700/800		Definition
Setting C2 Copy from the		Protocol		PPS allows users to create multiple
Setting Profile	2 Frequency & System Setting		, 5/6-Tone , MDC1200 , DVOA , P25C	radio user group
	System Salling	Trunking : P25T		profiles. Those profiles need to be
Creste Profile C3 Read Profile		 Hardware : Bluetooth 		separated by different. Ds.
	3 Protocol Parameter	User Group Information	Setting	Note
No. of Concession, Name	Setting	Profile ID:	043	The organization
View Edit Existing Profile	(Channell	User Group Name:	Sample043	IDs are generated automatically by
	Group ID Setting			internal PPS and
Program bom		 User Group Introduction: 		does not require to set the
Existing Profile	5 Zone &			parameters or copied to the
	Setting			device.
Programming				
	6 Pager Function			User Group Name Definition
Service States	0			Sets a note for
G Pysile ImportExport	Paper	Created Date:	Tensday , January 26, 2016	the radio user- group. If's not
	7 Configuration			recessary to set.
	×			Range

I. Tab 1 displays your file information, the User Group Name will be the name of the file when you go into Tab D to edit the file later on.

TAB 2- FREQUENCY & SYSTEM SETTINGS

I. Tab 2 is where you enter all frequencies and build your P25 trunking system.



II. To build your P25 trunking system you must select the grey tab at the top that says P25 Trunking System Setting. The information that you will need is the systems WACN ID, The System ID, the RFSS ID and Site ID's for each site along with the control channels for those sites. This information should be obtained through your system admin.

threating www.unication.com	Version V0.2.4 R10 Create Profile for	User admin	Connt	cted Dev			mer Support		and the second
	Create Profile for	Illear Benun an P		(Det	al Fo	K -817	393 9329 (USA) 888 3424 (USA) Quricities com		About
		contraction in the second	reate New P	rofile >> P	requency &	System Se	tting		
A user Gallo C1 Croale New	User Group	Conventional Fre	quency Sect	ting	P2	15 Trunking	System Setting		Parameter Description
	1 Information Setting	 P28 Trunkin 	e System Lis	1					Name Definition
R Co Copy from the	- ming	Created Sy	stem T			New	Copy	Deleta	Sets the name of
B setting C2 Copy from the Easting Profile	2 Frequency & System Setting	No. System Alias	WACN ID(HEX)	System ID(HEX)	Site Trunking	Site List	Control CH List	Full Spectrum	the P25 tranking system item. The same will be
		1 Trk Sys 1	1	t	1	Site:1	Control CH:1	Disabled	shown in the step
C Crudie Profile D Vew Edit Examp Profile Program from Examp Profile Programming G Profile MigoritExport	3 Protocol Parameter Satting 4 Group IO 5 Zone 4 Channel 5 Tornel 6 Pager Function List Setting 7 Pager 7 Pager	H Sove	and lines.						 S "Zone & Channel Setting". WACH ID Definition Selects (In hex format) the identification mamber of the WACH (wide Area Cammanication Network) within which the ratio mormally operates. The WACH D can be suft to: FTFFF which means radio can automatically seerch and match a appropriate WACH ID to use.

III. To add Sites you will need to left click on Site: 1 and enter the RFSS and Site ID's.

	P25 Trunki	ng System Si	ite List		- 🗆 x
•	ACN ID: 1		System ID : 1	<u>SI</u>	now Help>>
∎ т	otal Number:	1		New	Delete
No.	Site Alias	RFSS ID(HEX)	Site ID(HEX)		
1	Site 1	1	1		
		Save	Cancel		

IV. Adding control channels is a similar process Left Click on **Control CH: 1** and add the pertinent information.

	Set Control Ch	annel of P25 Trunking Syst	tem 🗙
■ v	VACN ID: 1	System ID : 1	Show Help>>
■ т	otal Number: 1		New Delete
No.	RX Frequency (MHz)	Note	
1	763.00000		
		Save Cancel	

V. Full spectrum scan is another feature that can be enabled here. In order for the unit to scan both the 700 and 800 band the full spectrum scan must be setup in this manner.

Set Full Spectrum Scan of P25 Trunking System	×
WACN ID : 1 System ID : 1 << Hide Hel	P Parameter Description
✓ Full spectrum scan	• Start and End 🔺
• Full spectrum scan ranges: 2	Frequency
	Definition
Start freq of range (MH 1 : 763.00000	Starting and ending frequency
End freq of range (MHz 1 : 776. 00000 🚔	of each scan range
Step size of range (Hz) 1 : 2500	in MHz.
	Range
Start freq of range (MH 2 : 851.00000	If the device is
End freq of range (MHz 2 : 870.00000	dual-band model,
Step size of range (Hz) 2 : 2500	the frequency can be set in both ≡
	ranges. But both
	Start Frequency
	and End Frequency
	must be in the
	same band.
	The definitions for
	frequency range
	for different bands
Save Cancel	are:
	1. VHF: 136 -

VI. Once your Trunking system is built and your conventional frequencies have been entered, then we can move on to Tab 3 to setup our protocols.

TAB 3- PROTOCOL PARAMETER SETTING

1. Tab 3 is where we will setup our protocols. The G4 supports many different protocols as you can see below. For this explanation I will be adding P25T and 2-Tone.

	vunication.com	Version 24 Conservation V0.2.4 R10 admin	October Devices Customer Super O Detail Pack 417 203 820 000 Fax 417 203 820 000 Fax 417 203 820 000	
A	View/Edit Existi	ng Profile >> Protocol Parameter Setting		
6		First States and Line Detroing	And the second	Parameter Description
A User Guide	1 Uner Groep	Total: 1	New Delete	Protocol Type
	Setting	No. Protocol Type	Protocol Allas	 Definition
B setting		1 No Setting	Protocol 1	Selects the protocol type for the setting them.
	2 Frequency & System Settlep	1-Tone 5-Tone		Range You don't need to set any protocol
Crisals Profile Ner User Group	3 Protocal Parameter	MDC1200 DVDA P25C		switting If you are only using CSQ channel (carrier squelch)
DVIENER	- trave	P25T Protocol Parameter Setting		Protocol Alias Definition
Eastang Profile	Group ID Setting	Please choose a protocol type for p	parameter setting.	User can input Allan for Channel Knob Setting.
E Program from	Zone &			 Range The user may enter up to a maximum.
F Programming	5 Charrent Setting			of 14 characters. Valid characters are alphanamerics, spaces and special characters.
Log	6 Pager Franction	•		 Warning An empty string cannot be used for a name.
G Profile Impartitioner	7 Pager Configuration Territor			10000
	Program	H Sare Alext		A Quit

II. When adding 2-Tone you will need to select which tone table to use. I will be selecting the Motorola tone table because it is the most widely used.

	wunication.com	V0.2.4 R10 admin	O Detail Customer Supp O Detail Fac 4017 509 5424 433 Fac 4017 509 5424 433 Fac 4017 509 5424 433	
	View/Edit Exists	ng Profile ++ Protocol Parameter Setting		
-	A	Protocol List Setting		Prometer Description
User Oskak	1 User Group	Total: 2	New Delete	Tone Table
	Setting	No. Protocol Type	Protocol Altas	 Definition Sots the tone table,
Setting		1 P25T	Protocol 1	Options
	2 Frequency & System Setting	2 2-Tone	Protocol 2	1. Uter Define (Default) 2. Motorota
Create Proble for User Group	3 Protocol Parameter Setting			3: GE 4: Plictros 5: Fact Plictron 6: Reach
Verwitidt Existing Profile	Group 10	Protocol Planmeter Setting Tone Table: User Define		7, Fast Read
	Setting	User Define	The second se	- Definition
Program trues	-	 Tone 1 Tx Duration Motorola GE 	1960 🔮 ms	Duration in ms of the first short tase.
Existing Profile	5 Zone &	· Gap 1 Tx Duration: Plectron	0 0 ms	Range
	Setting	Tone 2 Tx Duration Reach	2002 🗄 mi	Maximum: 16000mn Minimum: 200mn
Programming	C	Fast Reach		= increment: time
LIO	6 Paper Function	 Gap 2 Tx Duration: 	100 👌 ms.	Recommended: 1000ms
	Crust seried	Long Tone Tx Duration:	5440 🔹 ms	Gap 1 Tx Duration
Profile	Pager	· Long Tone Tx gap:	10 0 00	Definition
	7 Configuration	Long Tone Rx Timeout:	am 🔄 0000	Duration in mi of gap following first short take.
	And and a second	· Py Timanut	208	· Dutos

III. Upon selecting all of the parameters you're planning on using we will move on to Tab 4 which is the Group Id settings.

TAB 4- GROUP ID SETTING

Construction of the Advances	unication.com	1.00000	2.4 R10	admin	-	0	0.00	etail Fox Ermit	-BIT BBB 3424 (USA) sales@uniciden.com	
A	View/Edit Existi	ng Profi	ile >> Group ID	Setting						-
	L	•	indup List							Parameter Description
A User Guide	1 User Grosp		Fotal: 1	Play Tone	10	stom Ton	e Setting	New	Delata	Group Allas
	Setting	No.	Group Alias	Alert Ton	e	Voice Storage	Relay Control	2-Tone	P25T GID	 Definition Sets an alias for the talk groups. This alias shows up on the contact list of
Benng	2 Frequency & System Setting	2	Group 1	Tone 1	•	12	orr	No Setting	No Setting	the radio.
Create Profile for User Group	3 Protocol Parameter Setting									The user may enter up to a maximum of 14 characters. Valid characters are alphanumerics, spaces and special characters.
View Edit Existing Profile	Group ID Setting									 Warning An empty string cannot be used for a name. Different groups should not have a same group name.
Program from Existing Profile	5 Zone A Channel Setting									Alert Tone Definition
Programming	6 Pager Function									When receive message match this ID, play assigned tone pattern.
Droffe Import/Export	7 Pager Configuration									 Options None: means no tose will be played Tone 1 - Tone 8: standard tanes Custom alert tones set by "Custom Tone Setting".

I. Tab 4 which is where you will set up your Group Id Settings.

II. First we will add our 2-Tone pair by clicking on the No setting option under 2-Tone.

Assign 2-Tone	GID of 'Group 1'
🔽 Assign a 2-To	ne
ToneType:	Short 🔻
Tone1:	280. 0 🚔 Hz
Tone2:	289. 0 🚔 Hz
ОК	Cancel

III. Next we will add a Paging TGID so that we can be alerted over the P25 Trunking system.

Assign P25T GID of 'Paging TGID'
Assign a P25T GID
) Decimal 💿 Hexadecimal
P25T:
59509
OK Cancel

IV. After adding all of my TGID's this is what it looks like.

	unication.com	V0.2	2.4 R10	admin		Cont	De De	vices Pac Foc Drail	Customer Support +817 303 9320 (USA) -817 800 3424 (USA) Mile Quinchin com		Alteret
A	View/Edit Existi	ng Profil	e >> Group ID 1	letting						-	
A User Guide	1. A	• 6	raup List							Parameter Description	
A User Golde	1 User Groop	T T	otal: 4	Play Tone	Cu	stom Tor	e Setting	New	Delete	with a group of radies in DWR signating.	
	1 Information Setting	No.	Group Alias	Alert Ton	•	Voice Storage	Relay Control	2-Tone	P25T GID	Range Maximum: FFECDE	
Benng	2 Frequency & System Setting	2	2 tone	Tone 1	*	10	orr	T1. 280 Hz T2. 289 Hz	No Setting	Minimum: 1 Increment: 1	
C Create Profile		3	Paging TGID	Tone 2		12	Off	No Setting	59509 (DEC) E875 (HEX)	P25C GID	
for User Grosp	3 Protocol Parameter Setting	4	Tac 1	None	•	<u>19</u>	011	No Setting	59510 (DEC) E876 (HEX)	 Defailtion Sets the GID (in decimal or Hex format) which used to identify and communicate 	
D Vew Edt		5	Tac 2	None	•	10	Off	No Setting	59511 (DEC) E877 (HEX)	with a group of radios in P2SC signaling.	
E Program from Existing Profile	4 Group ID Setting 5 Zone & Channel									Maximum: FFFF Minimum: 1 Increment: 1	
~ ·	Setting									P25T GID Definition	
F Log	6 Pager Forcilite									 Detailed Sets the P2ST GIB (in decimal or Hex format) which used to identify and communicate with a group of radius in P2S Trunking System. 	
G Profile ImportiExport	7 Pager Configuration									Range Maaiman: FFFF Moliman: 1 Norement: 1	
	Program	His	WT	Next	Y					a Quit	

V. As you can see I have alert tones enabled on the 2-Tone, and the Paging TGID. I do not have alert tones assigned to my TAC channels because if I did the unit would alert every time there is traffic on that TGID.

The G4/G5 can also use custom alert tones via the Custom Tone Setting Menu.

G_Series_PP	5_V00-02-04_R1	10				= D ×
- Contract	unication.com	Version V0.2.4 R10	admin C	0 Detail Fax Trail	4817 353 9328 (USA) -817 353 9328 (USA) -817 381 3424 (USA)	
A	View/Edit Existin	ng Profile >> Group ID :	Setting			
	L	Custom Tune Lis	L Setting		n l	Parameter Description
A User Guide	User Groop	Total 0		Play	Remo	Tone Alias
	1 Information Setting	No Tone Allas	Tane File	Tone File Name	in the second se	 Definition Allows you to enter Tone Allas,
B setting	2 Frequency & System Setting	ť.	Browse			Range
	System Setting	2	Browse			The limit of Tone Alias is 25 character.
Create Profile for User Group	3 Protocol Perameter	3	Browse			Tone File Name Definition
D Vew Edt	Setting	4	Browse			Show file name of the music file (MP3 or way).
Existing Profile	Group ID Setting	5	Browse			Tone File
E Program from		6	Browse			 Definition Provide user to click button for select the music file (WP3 or way).
Execute Prove	5 Zone & Channel	<u> </u>	Browse			the masic rise (wes or way).
	Setting	8	Browse			Play File
F Programming	6 Pager Forction	9	Browse			 Definition Provide user to click button for play music file.
0	Carstand	10	Browse			INDIC THE.
G Profile Import/Export	7 Pager Configuration	11	Browse		2	Stop File Definition
	- Versela	12	Browse			Provide user to dick button for Stop playing music,
	Pregram	17	Benner		10	
×	Program	B Save				

TAB 5- ZONE & CHANNEL SPACING

I. Tab 5 is where we will set up our function knobs.

Contraction of the second	rias PPS		Version 1.2.4 R10	User admi		Cted Devices	Phane +611 Faz: +812	mer Support			
A STATE	View/Edit Existin	-		and the second		**********	frut sale	egencator com			
				Personal and a second second second	¢						
User Giste	And in case of the local division of the loc		e and Chann	el List						-	(COLORIDATION)
Controller	1 User Group		Total: 1							New	Dolate
	Setting	No.	Zone Name	Knob Position 1	Knob Position 2	Knob Position 3	Knob Position 4	Knob Position 5	Knob Position 6	Knob Position 7	Knob Position 8
Setting	2 Frequency & System Setting	i	Zone I	Noie Please	None double click to se	None t	Many	None	None	Norm	None
Create Index for User Group	3 Protocol Parameter Setting							1			
ViewEdit Existing Profile	4 Group ID Setting										
	4 Group ID Surding 5 Active & Charmed Surding										
Existing Profile	Setting										
Program from Existing Profile	Setting										

II. We will now setup our Function Knobs. Double click on Zone 1 Knob Position 1.

G_Series_PP	S_V00-02-04_R	10							- LI X
	arias PPS «unication.com	Version V0.2.4 R10	orar admin	Connect 0	Detail	Plana +8 Fox +8	tomer Support 17 303 9321 (VSA) 17 301 3424 (VSA)		Alteut
A	View/Edit Existi	ng Profile >> Ione & Ch	annel Setting						
~	(A)	Eane and Channel	Setting/Receiving	Tablic Setting	6 8			Parameter Description	
A User Guide	User Groop	Ione # 1 / Knob	# 1 Zone Name:	Zone 1					
	1 User Groop Information Setting	Receiving Mode:	None		Alias;				
B settra		Voice Prompt:	Selective Call		Voice Pror	npt Setting			
B setting	2 Frequency & System Setting		Huiti Channel Scan Trunking TG-Scan Free Scan	N.	-				
C Create Profile for User Group	3 Protocol Parameter Setting								
D Vew Edit Existing Profile	Group ID Setting								
E Program from Existing Profile	5 Zoter & Chantrali Setting								
E Programming	6 Pager Function								
G Profile ImportExport	7 Pager Configuration								
	Program	H Save	Cancel						

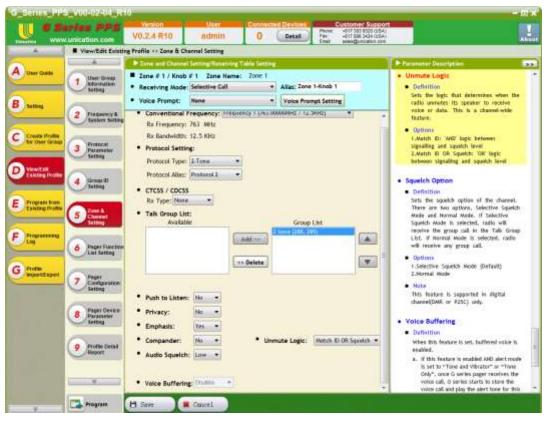
III. We will setup 2-Tone first by selecting selective call...



IV. We will go ahead and use 763.00000 as our conventional frequency. We will also select 2-Tone as our protocol.

	ries PPS	Vicion V0.2.4 R10	admin	Coomect	Detail In		24543 22541	
A A	and the local distance of the second second second	ng Frofile >> Zone & Ch	annel Setting		to the second second	el sava@unicatio	ALCOM .	a de la casa
5	A	P Zone and Channe	i Setting Rocal	ining Table Setting			Foramater Description	
User Gable	1 Sher Group Information Setting 2 Frequency & System Setting		Selective Cal Nane Frequency: []		000000	etting	Roc Squelch Type Definition Sets the type of incente SA (sub-audi needed to communicate with another radio. The options are carrier spueich, CTCSS and CDCSS. Tails feature allows	
Crease Profee Rectiner Group	3 Protocol Parameter Setting	Rx Bandwidth Protocol Settle Protocol Type:	12.5 KHz ng: 2.Tone	•			The make privacy on a frequency. This is a charvest-wide feature.	
Existing Profile	4 Group ID Setting	Protocol Alles: CTCSS / CDCS: Rx Type: Here Talk Grou	-	•			Note This feature is supported in Analog drawet only. Ex CTCSS Frequency	
Programming	6 Pager Function	Ar (DC)	5	Add ss	Group List		Definition Sets a designated frequency used when receiving a CTCSS communication from another radia. The CTCSS frequency is	
InportEsport	7 Peger Configuration Satting 8 Peger Device Perameter Setting	Push to Listen Privacy: Emphasis:	C (No •) No •) Yes •)				Range Machanni 255.0Hz Michanni 67.0Hz Michanni 67.0Hz Nota T.The Ro Spolidi Type must be set to CTS3.	0
	Profile Ceted Report	Compander: Audio Squeict Voice Bufferin			mute Logic: Ma	di 0	CLTCS. This feature is supported in Analog channel only. Rx CDCSS Codeword Definition Sets a designated digital code used	

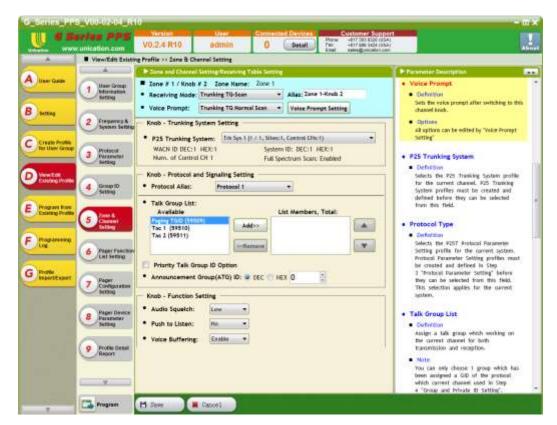
V. You can add CTCSS or CDCSS to this knob position from here. I have also assigned a 2-Tone pair to this channel knob. Now I will discuss Unmute Logic, If it is set to Match ID the pager will only open Squelch when the 2-Tone pair is received. If it's set to Match ID OR Squelch the unit will open squelch when there is traffic on the channel.



VI. We will now save this Knob position...

65	eries PPS		Version	User User	Con	tected Devices	Custo Phone +517	mer Support			
1000	w.unication.com	V).2.4 R10	admi	n 0	Detail	fac +817	686 3424 EUSAT			
	View/Edit Exists	ng Pro	file >> Zone	t Channel Settin							
	1. A 11	Zon	e and Chore	wi List:							
A User Galde	1 User Groop		Total: 1							New	Delete
-	1 Information Setting	No.	Zone Name	Knob Position 1	Knob Position 2	Knab Position 3	Knob Position 4	Knob Position 5	Knob Position 6	Knob Position 7	Knob Position 8
B Some	2 Frequency & System Setting	1	Zone 1	+Zone 1-Knub 1 +Gelective Call +Z-Tone +Total Flir 1	Nane	Nune	Hane	tione	Hone	Hone	None
Create Prote for User Group	3 Protocol Parameter Setting										
ViewiEdit Estating Profile	4 Group 10 Setting										
Program from Existing Profile	5 Zoter A Chartreel Sectore										
Programming	6 Pager Function										
	Lier Setting	1									
G Profile ImportExpert	Pager Configuration former										

VII. We will now setup our P25 Trunking system on knob 2.



VIII. Adding TGID's to the Knob Position is simple just select it and click Add.

	unication.com	Voter United Contracted Devices Contracted Devices Voter (12 2020) (0	\$1. I
A	View/Edit Exist	ing Profile >> Zone & Channel Setting	
and the second	(Econe and Channel Setting/Receiving Table Setting	Parameter Description
User Dala	1 Discr Great Interviewood	Zone # 1 / Knob # 2 Zone Hame; Tone 1 Receiving Node; Trunking TG-Scan Allas; Zone 1-Knob 2	Vaice Frompt Ueflattise Sets the voice prompt after setsting to this
German	-	Voice Prompt. Trunking TO Normal Scan + Voice Prompt Satting	channel knob.
Action in	2 Frequency S System Setting	Knob - Trunking System Setting	Retions All options can be edited by "Voice Wongt
Create Profes		P25 Trunking System: Tri-Sec 1 (1 / 1, Sites 1, Gersni (Hs-1)	Setting"
Ny User Clock	3 Protocal Personation Notting	WACH ID DEC:1 HEX:1 System ID: DEC:1 HEX:1 Num: of Control CH 1 Full Spectrum Scarc Enabled	P25 Trunking System Definition
Ventili		Knob - Protocol and Signaling Setting	Selects the F25 Trunking System profile
Easting Profile	4 Group ID	Protocol Allas: Protocol 1	for the current channel, F25 Trucking Section profiles must be created and
	C.m.e	* Talk Group List:	defined before they can be selected
Program from Estating Profile	Course &	Available List Members, Total:	from the field.
	5 channel	Addres Paging Told (\$9509) Tac 1 (\$9510)	Protocol Type
Programming		THE T (59910)	Definition
Log	6 Paper Fancton	Niflemove (1990)	Selects the P2ST Protocol Parameter Setting profile for the carrent system.
	Liet Setting	Priority Talk Group ID Option	Protocol Parameter Setting profiles must
IVORN	Contraction	Announcement Group (ATG) ID: OCC HEX 0	be created and defined in Step 3 Trotocol Pacameter Setting' before
Profes exportExport	7 Configuration	- Announcement oroup(Arto) io: e out e mot o	they can be selected from this field. This selection applies for the moment
	Setting	- Knob - Function Setting	system.
	Pager Deven	Audio Squeich: Low +	and the second
	8 Pelaveloi	Push to Listen: No	Talk Group List Definition
		220025200	Artigs a talk group which working on
	O Profile Detail	Vaice Buffering: Indda	the current channel for both transmitution and reception.
	Keperi		- Note
			The can only discove 1 group which has
	(C) (V) (C)		been assigned a GD at the protocol which summent channel used in Stop
		107	4 "Group and Private ID Setting".
	Program	H Gase Cancel	

IX. Priority can be enabled at this time, The TGID that is added first will be the priority. It is the TGID on the top of the list. We will now save this knob position.Setting up a conventional multi channel scan is handled in this manner.

100	unication.com		0.2.4 R10	adm		Detail	Phone +81 Fax: +81	omer Support 7 303 9328 (USA) 7 888 3424 (USA) Monicolari com			
A	View/Edit Existin	ng Pro	file >> Zone	t Channel Settin	ng						
		Ion	e and Chan	nel List	11/F						
User Guide	1 User Group		Total: 7							New	Delete
	Setting	No.	Zone Name	Knob Position 1	Knob Position 2	Knob Position 3	Knob Position 4	Knob Position 5	Knob Position 6	Knob Position 7	Knob Position 8
Setting Create Profile	2 Frequency & System Setting	1	Zone 1	+Selective Call +Selective Call +2-Tone +Total TG: 5	•Monitor FT •Selective Call •2-Tone •Total Til: 5	+Scan •Multi Of-Scan •Normal Scan •Total Of: 15	•BC Rea/EMS •Muttl OR-Scan •Normal Scan •Total OH: 16	•SC WW F9 •Selective Call •2-Tone •Total TG: 1	•Monitor WW F5 •Selective Call •2-Tone •Total TG: 1	•BC Law Scan •Muttl Ol-Scan •Normal Scan •Total CH: 6	Otro MARCS Trunking TG-Scan MARCS
Create Profile for User Group	3 Protocol Parenoter Setting	2	Zone 2	•Fire F1 •Selective Call •2-Tone •Total TG: 5	+Fire F2 +Selective Call +CSQ	•Fire F3 •Selective Call •CSQ	•Fire F5 •Selective Call •CSQ	•Fire #7 •Selective Call •CSQ	•Fire F9 •Selective Call •CSQ	•Rescae •Selective Call •CSQ	•Command Fin •Selective Call •CSQ
View/Edit Existing Profile	Group ID Setting	്ട	Zone I	+EAS 1 +Selective Call +CSQ	+EMS 2 +Selective Call +CSQ	•Law F1 •Selective Call •CSQ	•Law F2 •Selective Call •CSQ	•Law F3 •Selective Call •CSQ	Receive Call Selective Call ecsq	City Digital Selective Call OMR Total TG: 1	•Zone 3-Knob •Selective Call •MOC1200 •Total TG: 1
Program from Existing Profile	5 Zone & Channel Setting		Zone 4	+BC Fire F1 +Selective Call +P25C +Tatal TG: 1	+BC Fire F3 +Selective Call +P25C +Total TG: 1	•BC Fire F8 •Selective Call •P25C •Total Tür 1	+BC Fire F7 +Selective Call +P25C +Tetal T0: 1	•Westwood F9 •Selective Call •2-Tone •Total TG: 1	•Catletsbrg F11 •Selective Call •CSQ	Ashtand F15 Selective Call P25C Total TG: 1	•Summitt F17 •Selective Call •P25C •Total TG: 1
Programming Log	6 Pager Function	5	Zone S	+MEFD F19 +Selective Call +CSQ	+Boyd EMS +Selactive Cell +P05C +Total T0: 1	•BC Med Flight •Selective Call •CSQ	•BC Rreground •Selective Call •P25C •Total TG: 1	•Hospital •Selective Call •CSQ	=EM5 160 =Selective Cell =CSQ	•BC Med Tac •Gelective Call •CSQ	+MEDCOM +Selective Call +CSQ
Profile ImportExport	7 Configuration		Zone 6	+BC EM +Selective Call +CSQ	+BC Law F1 +Selective Call +P25C +Total TGr 1	+BC Law F2 +Selective Call +P25C +Total TG: 1	+BC Law F3 +Selective Call +P25C +Total TG: 1	+BC Law F4 DMR +Selective Call +DWR +Total TG: 1	BC Law FB Selective Call P25C Total TG: 1	•BC Law FIA •Selective Call •P25C •Total TG: 1	None

X. Each channel you wish to scan must be setup on its own position Knob first, then it will be selectable in that setting. You can have Analog conventional and P25C channels in the same scan list.



XI. The Unmute Logic on a Multichannel scan must be set to Match ID in order for the PL tones to work.

TAB 6-PAGER FUNCTION SETTING

I. Moving on to Tab 6, This is where you enable and disable some of the functions in the pagers menu.



TAB 7- PAGER CONFIGURATION SETTING



· Alert Interval

Jots for interval lativates loss alerts while the radio is out of range.

a a a

· Defattes

6 Fage Farm

Program

H.im

Next:

G Presta

I. Tab 7 is where the display configuration settings are located

II. The Main feature I want to touch on is the Home Screen configuration.



III. This tab allows you to customize your Home Screen with .jpeg files.

1000	erles PPS vunication.com	Version V0.2.4 R10	admin	O	Detail	Ptore fac Ertail	Customer Support +617 300 8220 (USA) +617 696 3424 (USA) sales@unication.com		Abou
	View/Edit Existin	ng Profile >> Pager Cor	nfiguration Setting						
6	A	Home Screen Ligo/	Title Setting				l l	Parameter Description	
A User Guide	1 User Group Information Setting	Home Screen L Home Screen L		Logo + Title Hone	r.	•	Browse	Home Screen Logo/Title Type Definition Selects the type of the home screen.	Î
B) Setting		Home Screen 1	Title Line Option	2 - Line Disp	play			Options	
<u> </u>	2 Frequency & System Setting		No. of the second	Unication	2248	-0-		1. All Title	
Consecution in	- · · · · ·			Section.	12			 Logo + Title (Default) Title + Logo 	
C Create Profile for User Group	Pretocol	 Home Screen 1 	fitle Line2	Voice Pager				4. All mage	
	3 Parameter Setting	 Home Screen 1 	Title Line3						
VewEdit				Preview	7			 Home Screen Logo File 	
Existing Profile	4 Group ID Setting			Freview	4			 Dofinition Selects the logo file for the home screen. This feature is available when Home Screen Logo/Title Type is "Logo + Title", "Title + Logo" or "All Image". 	6
E Program from Existing Proble	Zone &							time, time + colo or set image.	
	5 Channel Setting							Home Screen Title Line Option	
F Programming								 Definition 	
	6 Pager Function							Selects the number of lines for the home screen title. This feature is available when Home Screen Logo/Title Type in "All Title", "Logo + Title"	
G Profile	Pager							ur "Title + Logo".	
	7 Configuration			-			-	 Options t - Line Display 	
	×							2. 2 - Line Display 1. 1 Line Display 1. 1 Line Display	

IV. Below shows a fully Customized Homescreen. This feature really allows you to Personalize the unit to your Department or your system or even the individual Fireman.

	inication.com	Vo.2.4 R10 admin	Connected Devices Customer Support O Detail D	
	View/Edit Existin	e Profile >> Pager Configuration Setting		
	1	Home Screen Ligo/Title Setting		Parameter Description
A User Golde	1 User Groop Information Setting	Home Screen Logo/Title Type Home Screen Logo File	Logo + Title + RFD.jpg Browse	Home Screen Title Line2 Definition Sets the text of the second line of the
B setting	2 Frequency & System Setting	Home Screen Title Line Option Home Screen Title Line1	3 - Line Display ·	title. Range The user may enter up to a maximum
Create Profile for User Group	3 Protocol Parameter Setting	Home Screen Title Line2 Home Screen Title Line3	David Oney Chief Engineer	of 14 characters. Valid characters are alphanumerics, spaces and special characters.
D ViewEdit Existing Profile	4 Group ID Setting		Preview	 Worning An empty string cannot be used for the title.
E Program #om Existing Profile	5 Zone & Channel		Raceland FD David Oney Chief Engineer	Home Screen Title Line3 Definition Sets the taxt of the third line of the title.
E Programming	6 Pager Function			 Range The user may enter up to a maximum of 14 characters, Valid characters are alphanumerics, spaces and special characters.
G Stoffie ImportExpert	7 Pager Configuration Control		•Menu •UnRd •Lock	Warning As empty string calnot be used for the tide.

TAB 8- PAGER DEVICE PARAMETER SETTING

I. Tab 8 allows you to adjust the Backlight Settings, Alert Tone Volume, and the Standby LED setting.



TAB 9- PROFILE DETAIL REPORT

I. Tab 9 shows you a detailed report of everything that you have programmed into the file.

100	unication.com	V0.2,4 R1	0 admin	Contraction	Detail Fax	Itomer Support				
	View/Edit Exists	ng Profile >> Pro	fie Detail Report							
A	(A))	S Fruthe Detail Report								
User Game	1 Litart Groat Miternation Setting	Detail Report								
B serence		1. User Gr	Deer Group Information Betting							
	2 Proquency & Salars Setting	Profile ID User Groe	Bi3 p Introduction		üser	Group Hame: SampleOci	ġ.			
C Crosts Profes	France	Greated 0	ater 1/26/2016							
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Program from Easting Profile	5 Crattered Setting	2-2 P25 Trunking System Total: 1								
Programming	6 Fager Faxture	3. Pentoce	Parameter Bettin							
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G Profile Report Expert	Company of the second	A Group D Settion								
	Configuration									
		4-1 Group List								
	8 Pager Denter									
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						and the local sectors	585H (DLC)	-		

CONNECTING THE USB TO PROGRAM THE DEVICE

I. Last thing we need to do is program the unit. So, connect the unit to the PC with the supplied USB cable and select Program at the bottom of the page. You should show 1 Connected device at the top. At this time click the rounded program button on the PPS

1.105	Andan PPS wunication.com	V0.2.41		1 Det	Photo: Ph	-217 JUD KIZE (LOA) -217 JUD KIZE (LOA) -217 JUD XIZE (LOA) -217 JUD XIZE (COA) -217 JUD XIZE (COA)			
A	· View/Edit Exists	ng Profile >>	Program			anni senni sere		10.000	
A ver Gass	(A)	frightweinig Profile Information							
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B setting	Constanting of the	1	1 SampleD43		2016-01-26 09-46			Fissin	
	2 Presency & System Setting	Prog	ramming Pager						
C Create Poolar Br User Group		No	Model				Serial No		
	3 Postnosi Berameter Setting	. 1	G49649F-5X00EN15010	N			A/548590180		
Distanti fi kons Distanti kons Distanti kons	4 Setting								
Anagramment Log	and the second s								
Contraction of the second seco	7 Contractor								
	and the second								

II. The PPS will display this window.



III. When you receive this message...

Success		×
\bigcirc	Programming successfully.	
	ОК	

I. The unit has been sucessfully programmed and will reboot itself. It is then safe to remove the USB cable.

Unication USA, Inc.

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