



G Series PPS Overview

USING

G_SERIES_PPS_V00-03-05_BETA01 AND LATER

Logging In

When logging in to the PPS you will be presented with the login screen the default username and password is admin.

The image shows a login window for 'G Series Pre-Programming Software'. The window has a blue header bar with a logo on the left and the title 'G Series Pre-Programming Software' on the right. Below the header, there are two input fields: 'User Name:' with the text 'admin' and 'Password:' with masked characters '*****'. At the bottom, there are two buttons: 'Login' and 'Cancel'.

G Series Pre-Programming Software

User Name:

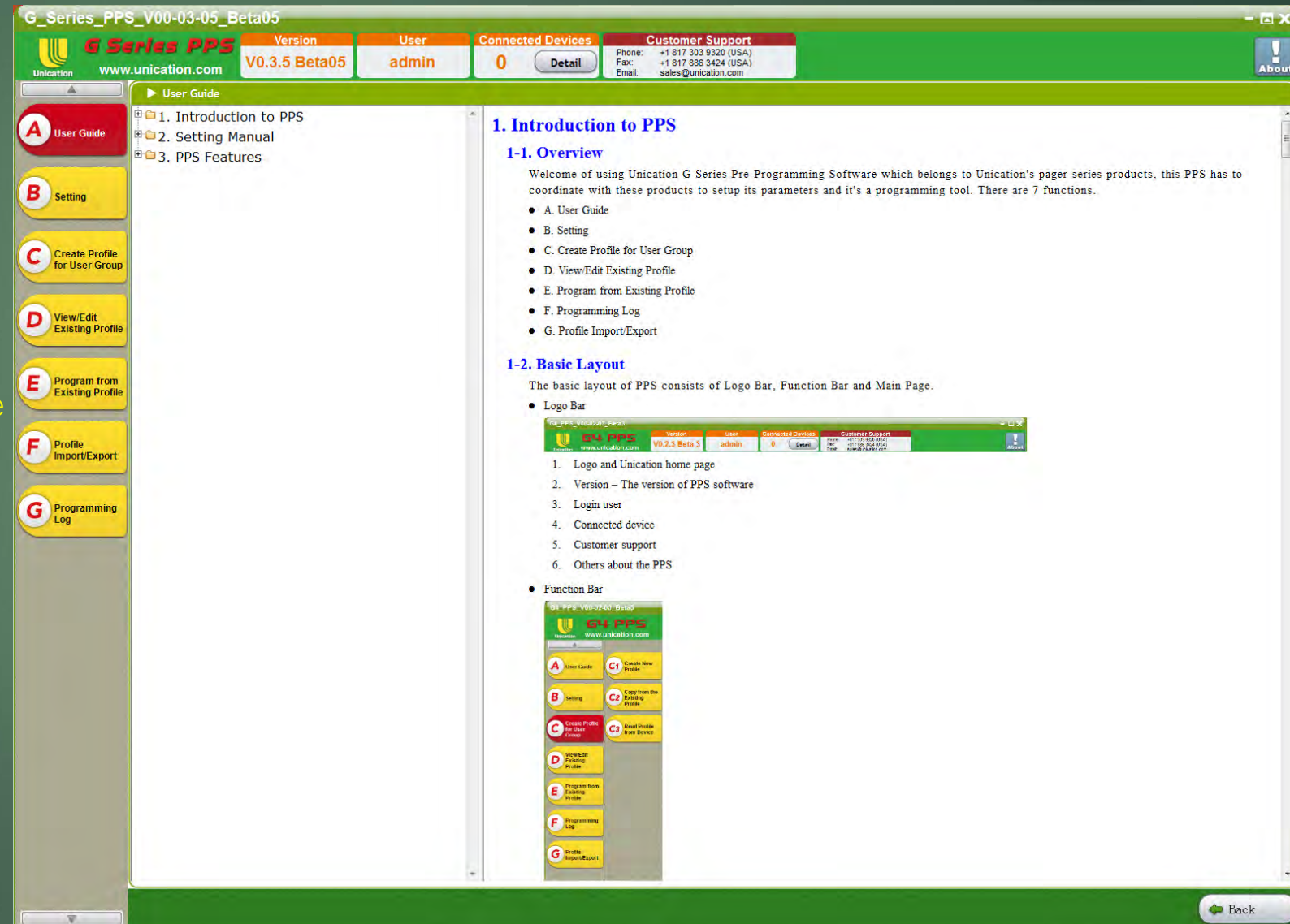
Password:

This is the Welcome screen. As you can see on the left side of the screen there are 7 tabs labeled A-G available.



Tab A: User Guide

Tab A includes a PPS user guide that describes each detail of the PPS.



Tab B: Settings

Tab B includes one internal tab:
Tab B1- Username and Password Settings. Tab B1 allows for the addition, deletion, or editing of Username and Password information.

The screenshot displays the 'G Series PPS' software interface. The title bar reads 'G_Series_PPS_V00-03-05_Beta05'. The top navigation bar includes the Unication logo, website, version (V0.3.5 Beta05), user (admin), connected devices (0), and customer support contact information. A left sidebar contains menu items A through G. The main area is titled 'Setting >> User Name and Password Setting' and features a 'User List' table with one entry for user #1. At the bottom, there are buttons for 'Add', 'Edit', 'Delete', and 'Back'.

#	User Type	User Name	Create Date	Last Login Time
1	User	admin	2014-03-31	2016-10-07 10:01:20

Tab C: Create Profile For User Group


Tab C has 3 internal tabs:

C1- Create New Profile

C2- Copy From Existing Profile

C3- Read Profile From Device.

G_Series_PPS_V00-03-05_Beta05


**G Series PPS**
www.unication.com

Version
V0.3.5 Beta05

User
admin

Connected Devices
0
[Detail](#)

Customer Support
Phone: +1 817 303 9320 (USA)
Fax: +1 817 886 3424 (USA)
Email: sales@unication.com

About

A User Guide

B Setting

C Create Profile for User Group

D View/Edit Existing Profile

E Program from Existing Profile

F Profile Import/Export

G Programming Log

C1 Create New Profile


C2 Copy from the Existing Profile

C3 Read Profile from Device

Welcome to G Series PPS

- Welcome**
Unication proudly introduces the G series voice pager. Our goal is to provide the best solutions for your wireless communications application.
- Version**
V0.3.5 Beta05
- For Pager Model**
G2, G4, G5
- Lastest Programmed Profiles**

#	Name	Band	Created Time	Last programming time	
1	JASPER FD DEMO	700/800 (763~776, 851~870)	9/22/2016	9/22/2016 4:08 PM	Program
2	Default G5 P25	700/800 (763~776, 851~870)	9/12/2016	9/12/2016 2:56 PM	Program



Tab C1: Create New Profile

Tab C1 allows for the creation of a default programming file that can be edited for your specific needs. The model number of your unit can be selected via the dropdown menu. When a model is selected it will display the RF Band of the selected model. Be sure to cross-reference the band of your unit to be sure that you have selected the correct model number before proceeding.

The screenshot displays the 'G Series PPS' software interface. The title bar reads 'G_Series_PPS_V00-03-05_Beta05'. The top status bar includes the Unication logo, website (www.unication.com), Version (V0.3.5 Beta05), User (admin), Connected Devices (0), and Customer Support contact information. The left sidebar contains navigation buttons labeled A through G. The main area is titled 'Choose Model Number for this Profile' and features a dropdown menu for 'Model Number' with the selected value 'G5B64BF-SXVXEN1401UNI'. Below the dropdown, the 'RF Band' is listed as '700/800 (763-776, 851-870 MHz) + VHF (136-174 MHz)'. The 'Protocol' section lists 'Conventional : 2-Tone , 5-Tone , MDC1200 , DVOA , P25 Conventional' and 'Trunking : P25 Trunking'. The 'Hardware' is listed as 'Bluetooth'. At the bottom of the main area, there are 'Select' and 'Back' buttons.

Version	User	Connected Devices	Customer Support
V0.3.5 Beta05	admin	0	Phone: +1 817 303 9320 (USA) Fax: +1 817 886 3424 (USA) Email: sales@unication.com

Choose Model Number for this Profile

- Model Number : G5B64BF-SXVXEN1401UNI
- RF Band : 700/800 (763-776, 851-870 MHz) + VHF (136-174 MHz)
- Protocol
 - Conventional : 2-Tone , 5-Tone , MDC1200 , DVOA , P25 Conventional
 - Trunking : P25 Trunking
- Hardware : Bluetooth

Select Back

Tab C2: Copy From Existing Profile

Tab C2 allows you to copy an existing profile. This is useful when wanting to make changes to a profile while still preserving the original.

G_Series_PPS_V00-03-05_Beta05

Unication **G Series PPS** www.unication.com

Version: **V0.3.5 Beta05** User: **admin** Connected Devices: **0** Customer Support: Phone: +1 817 303 9320 (USA), Fax: +1 817 886 3424 (USA), Email: sales@unication.com

■ Create Profile for User Group >> Copy from the Existing Profile

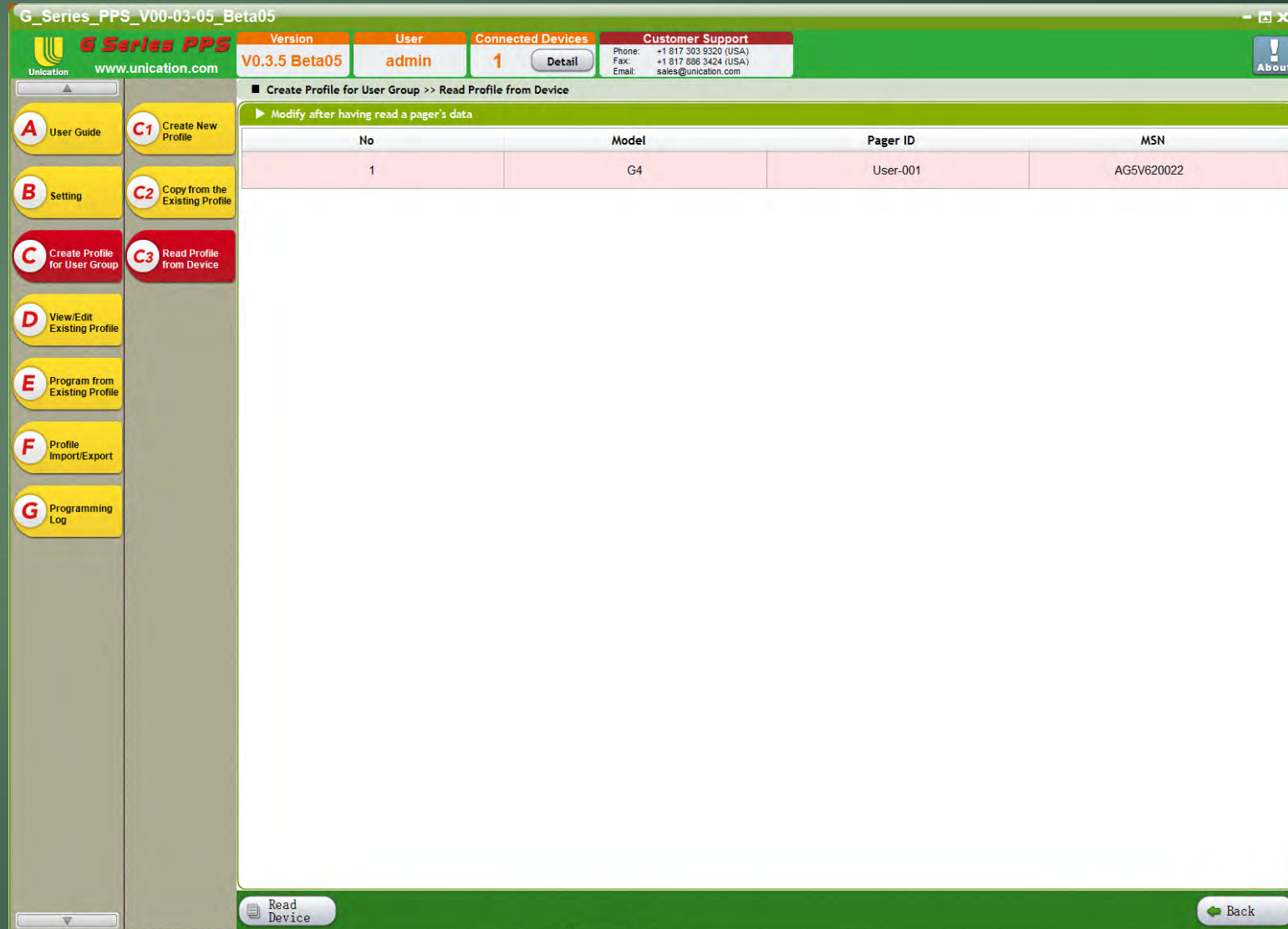
► Copy from the Existing Profile

#	Name	Model	Band	Created Time	Modified Time
1	G5 9-23-2016	G5B64BF-SXUCEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-09-26 10:23	2016-09-26 10:27
2	JASPER FD DEMO	G5B64BF-SXVXEN1500UNI	700/800 (763~776, 851~870 MHz) + ...	2016-09-22 15:51	2016-09-22 16:16
3	ADAM BFD PAGER	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-09-19 11:44	2016-09-19 11:45
4	Pager Training	G4B64BF-SXXXEN1401UNI	700/800 (763~776, 851~870 MHz)	2016-09-14 09:32	2016-09-16 15:07
5	Default G5 P25	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-09-12 14:25	2016-09-12 14:36
6	Template	G4B64BF-SXXXEN1501UNI	700/800 (763~776, 851~870 MHz)	2016-09-08 11:39	2016-09-09 12:20
7	Westcom Demo	G4	700/800 (763~776, 851~870 MHz) + ...	2016-09-08 10:32	2016-09-09 11:42
8	MARCS 20160906	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-09-06 12:19	2016-09-06 16:28
9	Sample087	G5B64BF-SXUDEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-09-01 16:36	2016-09-06 11:19
10	Sample086	G5B64BF-SXUDEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-09-01 16:32	2016-09-01 16:35
11	Miller VHF	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-08-31 16:44	2016-08-31 16:52
12	Cools Springs	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-08-31 12:56	2016-08-31 16:44
13	Rich G5	G5B64BF-SXUCEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-08-25 11:23	2016-08-31 12:11
14	COUNTY FIRE	GS442XX-SXXXEN1X00UNI	700/800 (763~776, 851~870 MHz)	2016-08-22 09:53	2016-08-22 10:14
15	COUNTY FIRE	GS442XX-SXXXEN1X00UNI	700/800 (763~776, 851~870 MHz)	2016-08-22 09:51	2016-08-22 09:04
16	CA MARCS	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-08-18 09:28	2016-10-07 09:43
17	FDL City Demo	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-08-11 16:26	2016-08-18 09:15
18	Black Rock FD	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-08-11 13:49	2016-08-11 13:49
19	Miller Tes_New	G5B64BF-SXUCEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-08-09 17:06	2016-08-09 17:07
20	Sample084	G5B64BF-SXUCEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-08-09 13:08	2016-08-11 16:17

Copy Back

Tab C3: Read Profile From Device

This is as simple as it sounds. Tab C3 allows you to read the existing profile from a connected device by simply clicking the Read Device button.



The screenshot displays the G_Series_PPS_V00-03-05_Beta05 software interface. The top bar includes the Unication logo, version information (V0.3.5 Beta05), user details (admin), and connected devices (1). A sidebar on the left contains navigation buttons labeled A through G. The main area shows the 'Create Profile for User Group >> Read Profile from Device' tab, which includes a table for modifying data after reading a page's data. The table has columns for No, Model, Pager ID, and MSN, with one row of data visible. At the bottom, there is a 'Read Device' button and a 'Back' button.

No	Model	Pager ID	MSN
1	G4	User-001	AG5V620022

Tab D: View/Edit Existing Profile

Tab D allows you to view, edit, and delete existing profiles by selecting the desired profile and either clicking Edit or Delete.

G_Series_PPS_V00-03-05_Beta05

Unication **G Series PPS** Version **V0.3.5 Beta05** User **admin** Connected Devices **1** Customer Support
 Phone: +1 817 363 9320 (USA)
 Fax: +1 817 896 3424 (USA)
 Email: sales@unication.com

View/Edit Existing Profile

View/Edit Existing Profile

#	Name	Model	Band	Created Time	Modified Time
1	G5 9-23-2016	G5B64BF-SXUCEN1401UNI	700/800 (763~776, 851~870 MHz) + UH...	2016-09-26 10:23	2016-09-26 10:27
2	JASPER FD DEMO	G5B64BF-SXVXEN1500UNI	700/800 (763~776, 851~870 MHz) + VH...	2016-09-22 15:51	2016-09-22 16:16
3	ADAM BFD PAGER	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + VH...	2016-09-19 11:44	2016-09-19 11:45
4	Pager Training	G4B64BF-SXXXEN1401UNI	700/800 (763~776, 851~870 MHz)	2016-09-14 09:32	2016-09-16 15:07
5	Default G5 P25	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + VH...	2016-09-12 14:25	2016-09-12 14:36
6	Template	G4B64BF-SXXXEN1501UNI	700/800 (763~776, 851~870 MHz)	2016-09-08 11:39	2016-09-09 12:20
7	Westcom Demo	G4	700/800 (763~776, 851~870 MHz) + VH...	2016-09-08 10:32	2016-09-09 11:42
8	MARCS 20160906	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + VH...	2016-09-06 12:19	2016-09-06 16:28
9	Sample087	G5B64BF-SXUDEN1401UNI	700/800 (763~776, 851~870 MHz) + UH...	2016-09-01 16:36	2016-09-06 11:19
10	Sample086	G5B64BF-SXUDEN1401UNI	700/800 (763~776, 851~870 MHz) + UH...	2016-09-01 16:32	2016-09-01 16:35
11	Miller VHF	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + VH...	2016-08-31 16:44	2016-08-31 16:52
12	Cools Springs	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + VH...	2016-08-31 12:56	2016-08-31 16:44
13	Rich G5	G5B64BF-SXUCEN1401UNI	700/800 (763~776, 851~870 MHz) + UH...	2016-08-25 11:23	2016-08-31 12:11
14	COUNTY FIRE	GS442XX-SXXXEN1X00UNI	700/800 (763~776, 851~870 MHz)	2016-08-22 09:53	2016-08-22 10:14
15	COUNTY FIRE	GS442XX-SXXXEN1X00UNI	700/800 (763~776, 851~870 MHz)	2016-08-22 09:51	2016-08-22 09:04
16	CA MARCS	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + VH...	2016-08-18 09:28	2016-10-07 09:43
17	FDL City Demo	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + VH...	2016-08-11 16:26	2016-08-18 09:15
18	Black Rock FD	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + VH...	2016-08-11 13:49	2016-08-11 13:49
19	Miller Tes_New	G5B64BF-SXUCEN1401UNI	700/800 (763~776, 851~870 MHz) + UH...	2016-08-09 17:06	2016-08-09 17:07
20	Sample084	G5B64BF-SXUCEN1401UNI	700/800 (763~776, 851~870 MHz) + UH...	2016-08-09 13:08	2016-08-11 16:17

Edit Delete Back

Tab E: Program From Existing Profile

Tab E allows you to program a unit with an existing profile without having to actually view the profile.

Simply select the profile, click Next, and then Program. The PPS will program your connected unit with the selected profile.

G_Series_PPS_V00-03-05_Beta05

Unication **G Series PPS** www.unication.com

Version: **V0.3.5 Beta05** User: **admin** Connected Devices: **1** Customer Support: Phone: +1 817 303 9320 (USA), Fax: +1 817 886 3424 (USA), Email: sales@unication.com

Program from Existing Profile

#	Name	Model	Band	Created Time	Modified Time
1	G5 9-23-2016	G5B64BF-SXUCEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-09-26 10:23	2016-09-26 10:27
2	JASPER FD DEMO	G5B64BF-SXVXEN1500UNI	700/800 (763~776, 851~870 MHz) + ...	2016-09-22 15:51	2016-09-22 16:16
3	ADAM BFD PAGER	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-09-19 11:44	2016-09-19 11:45
4	Pager Training	G4B64BF-SXXXEN1401UNI	700/800 (763~776, 851~870 MHz)	2016-09-14 09:32	2016-09-16 15:07
5	Default G5 P25	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-09-12 14:25	2016-09-12 14:36
6	Template	G4B64BF-SXXXEN1501UNI	700/800 (763~776, 851~870 MHz)	2016-09-08 11:39	2016-09-09 12:20
7	Westcom Demo	G4	700/800 (763~776, 851~870 MHz) + ...	2016-09-08 10:32	2016-09-09 11:42
8	MARCS 20160906	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-09-06 12:19	2016-09-06 16:28
9	Sample087	G5B64BF-SXUDEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-09-01 16:36	2016-09-06 11:19
10	Sample086	G5B64BF-SXUDEN1401UNI	700/800 (763~776, 851~870 MHz) + UHF D (450~520 MHz)	2016-09-01 16:36	2016-09-01 16:35
11	Miller VHF	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-08-31 16:44	2016-08-31 16:52
12	Cools Springs	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-08-31 12:56	2016-08-31 16:44
13	Rich G5	G5B64BF-SXUCEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-08-25 11:23	2016-08-31 12:11
14	COUNTY FIRE	GS442XX-SXXXEN1X00UNI	700/800 (763~776, 851~870 MHz)	2016-08-22 09:53	2016-08-22 10:14
15	COUNTY FIRE	GS442XX-SXXXEN1X00UNI	700/800 (763~776, 851~870 MHz)	2016-08-22 09:51	2016-08-22 09:04
16	CAMARCS	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-08-18 09:28	2016-10-07 09:43
17	FDL City Demo	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-08-11 16:26	2016-08-18 09:15
18	Black Rock FD	G5B64BF-SXVXEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-08-11 13:49	2016-08-11 13:49
19	Miller Tes_New	G5B64BF-SXUCEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-08-09 17:06	2016-08-09 17:07
20	Sample084	G5B64BF-SXUCEN1401UNI	700/800 (763~776, 851~870 MHz) + ...	2016-08-09 13:08	2016-08-11 16:17

Next Detail Back

Tab E Detail Button: Profile Detail Report

When the Detail button is pressed when a profile is selected in Tab E the PPS will generate a Profile Detail Report. This Report displays all of the information about the selected Profile which can be viewed or printed via the print button.

TIP: If you are going to print this page be sure to expand all of the fields.

The screenshot displays the G_Series_PPS_V00-03-05_Beta05 software interface. The top bar includes the Unication logo, version (V0.3.5 Beta05), user (admin), connected devices (1), and customer support contact information. A sidebar on the left contains navigation buttons: A User Guide, B Setting, C Create Profile for User Group, D View/Edit Existing Profile, E Program from Existing Profile (highlighted), F Profile Import/Export, and G Programming Log.

The main window shows the "Program from Existing Profile" section, specifically the "Profile Detail Report". The report is titled "Detail Report" and is divided into two main sections:

1. User Group Information Setting

1-1 Model No. Information

Model: G5B64BF-SXUCEN1401UNI
RF Band: 700/800 (763-776, 851-870 MHz) + UHF C (400-470 MHz)
Protocol:
Conventional: 2-Tone, 5-Tone, MDC1200, DVOA, P25 Conventional
Trunking: P25 Trunking
Hardware: Bluetooth

1-2 User Group Information

User Group Name: G5 9-23-2016
User Group Introduction:
Created Date: 9/26/2016

2. Frequency & System Setting

2-1 Conventional Frequency

Total: 16

☒ Detail

No.	Frequency Alias	Rx Frequency(MHz)	Rx BW(KHz)
1	KSP04BEtown	460.13750	12.5
2	KSP04BCnstne	460.38750	12.5
3	KSP04BEkron	460.16250	12.5
4	KSP04BShepvt	460.41250	12.5
5	KSP04BLuVill	453.95000	12.5
6	KSP04BMrgntn	453.38750	12.5
7	KSP04BChprt	460.08750	12.5
8	KSP04AEtown	453.48750	12.5
9	KSP04ACnstne	460.05000	12.5
10	KSP04AEkron	453.61250	12.5
11	KSP04AShepvt	453.18750	12.5
12	KSP04ALuVill	453.85000	12.5
13	KSP04AMrgntn	453.87500	12.5
14	KSP04AChprt	453.26250	12.5
15	KSP04KyStFG3	453.30000	12.5
16	KSP04KyStFG9	453.90000	12.5

2-2 P25 Trunking System

At the bottom of the window, there is a "Print" button and a "Close" button.

Tab F: Profile Import/Export

Tab F has 2 internal tabs: F1 Import Profile and F2 Export Profile. This procedure is very user friendly, it is a simple Open/Save As procedure.

Unication

G Series PPS

www.unication.com

A

User Guide

B

Setting

C

Create Profile for User Group

D

View/Edit Existing Profile

E

Program from Existing Profile

F

Profile Import/Export

G

Programming Log

F1

Import Profile

F2

Export Profile

G_Series_PPS_V00-03-05_Beta05

Version

V0.3.5 Beta05

User

admin

Connected Devices

1

Customer Support

Phone: +1 817 303 9320 (USA)
Fax: +1 817 886 3424 (USA)
Email: sales@unication.com

About

Welcome to G Series PPS

■ Welcome

Unication proudly introduces the G series voice pager. Our goal is to provide the best solutions for your wireless communications application.

■ Version

V0.3.5 Beta05

■ For Pager Model

G2, G4, G5

■ Lastest Programmed Profiles

#	Name	Band	Created Time	Last programming time	
1	CAMARCS	700/800 (763-776, 851-870)	8/18/2016	10/7/2016 10:47 AM	Program
2	JASPER FD DEMO	700/800 (763-776, 851-870)	9/22/2016	9/22/2016 4:08 PM	Program

Unication G4

07:06
Main Menu
Pager Message Box (1/2)
Function Status
Function Setting
Voice Memo
All Band Scan
Play Lock Delete

Tab G: Programming Log

Tab G gives you a list of Dates/Times, Users, Profiles, and Devices that have used this PPS.

G_Series_PPS_V00-03-05_Beta05

Unication **G Series PPS** www.unication.com

Version: **V0.3.5 Beta05** User: **admin** Connected Devices: **1** [Detail](#)

Customer Support: Phone: +1 817 303 9320 (USA) Fax: +1 817 886 3424 (USA) Email: sales@unication.com [About](#)

Programming Log

Programming Log

Please enter search conditions:

☐ Programming Time : Friday , October 07, 2016 ~ Friday , October 07, 2016

Operator: [Search](#) [View All](#) [Advanced Search](#)

Programming Date	Operator	Profile Name	MSN
2016-09-29 16:01:53	Unication	CA MARCS	AG5V620022
2016-09-29 16:43:49	Unication	CA MARCS	No Device
2016-10-03 13:12:38	admin	CA MARCS	AG5V620022
2016-10-07 10:47:54	admin	CA MARCS	AG5V620022

[Clear](#) [Back](#)

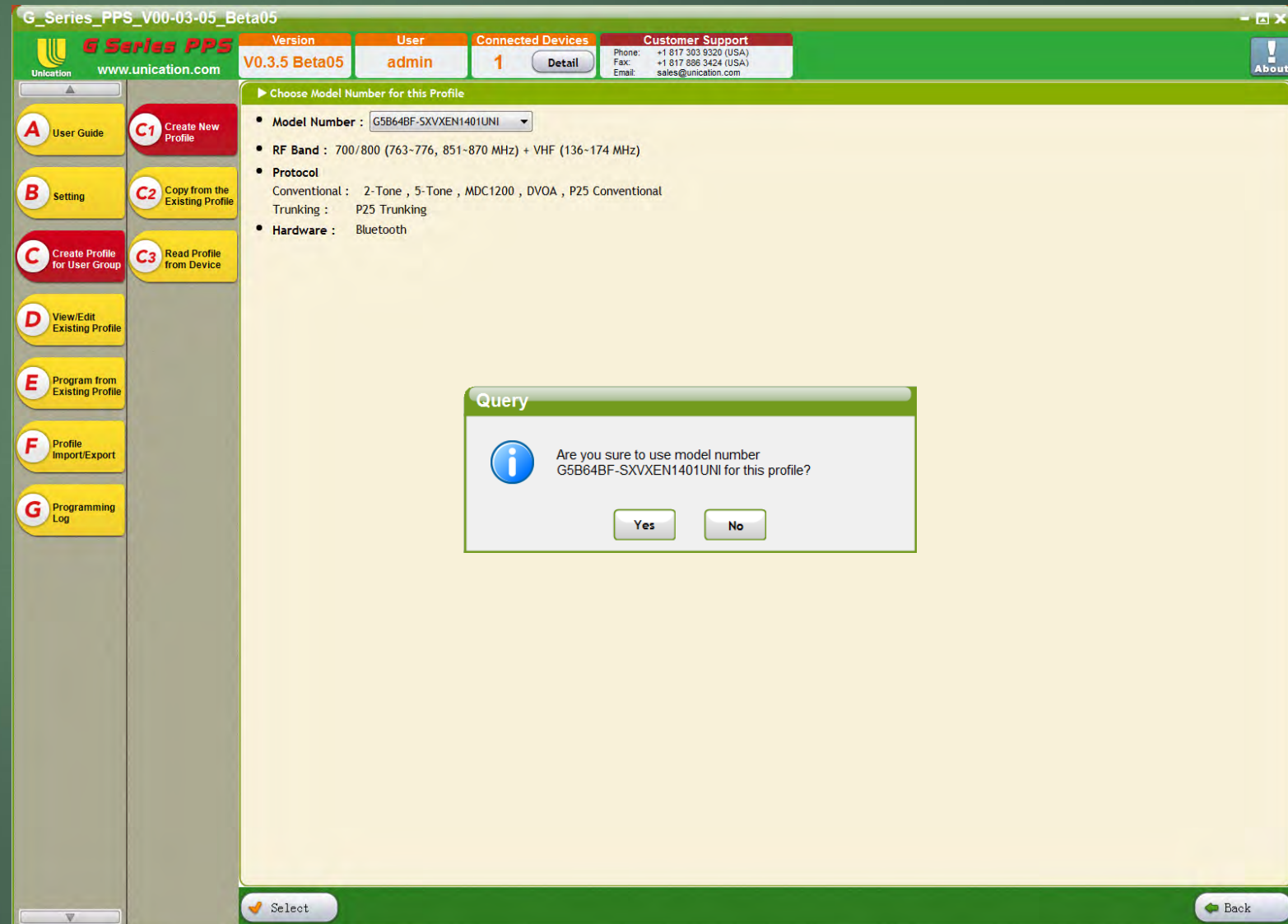


Building Your First Profile

Tab C1: Create New Profile

First thing you must do is navigate to C1 and select your Model Number and press the select button and click yes when prompted.

For the purposes of this demonstration I am going to be building a VHF & 700/800 G5.



Tab 1: User Group Information Setting

In this tab the only pertinent field is User Group Name. This field will determine the name of the file when viewed using Tab D of the PPS.

The screenshot displays the 'G Series PPS V00-03-05 Beta05' software interface. The top bar includes the 'Unication' logo, website 'www.unication.com', and status information: Version 'V0.3.5 Beta05', User 'admin', and Connected Devices '1'. A 'Customer Support' section provides contact details: Phone: +1 817 303 9320 (USA), Fax: +1 817 886 3424 (USA), and Email: sales@unication.com.

The main interface is divided into several sections:

- Left Sidebar:** Contains navigation buttons labeled A through G: 'User Guide', 'Setting', 'Create Profile for User Group', 'View/Edit Existing Profile', 'Program from Existing Profile', 'Profile Import/Export', and 'Programming Log'.
- Top Navigation:** Includes buttons for 'Create New Profile', 'Copy from the Existing Profile', and 'Read Profile from Device'.
- Central Panel:** Titled 'Create Profile for User Group >> Create New Profile >> User Group Information Setting'. It features a numbered list of steps (1-10) for profile creation, with step 1 'User Group Information Setting' currently selected.
- Model Number Information:** Displays fields for 'Model Number' (G5B64BF-SXVXEN1401UNI), 'RF Band' (700/800 (763-776, 851-870 MHz) + VHF (136-174 MHz)), 'Protocol' (Conventional: 2-Tone, 5-Tone, MDC1200, DVOA, P25 Conventional; Trunking: P25 Trunking), and 'Hardware' (Bluetooth).
- User Group Information Setting:** Contains fields for 'Profile ID' (093), 'User Group Name' (Sample093), and 'User Group Introduction' (a text area). A 'Created Date' field shows 'Friday, October 07, 2016'.
- Parameter Description:** A sidebar on the right providing details for 'Profile ID', 'User Group Name', 'User Group Introduction', and 'Created Date'.

The bottom of the interface includes a 'Program' button and 'Save' and 'Next' buttons.

Tab 2: Frequency & System Settings

This tab has 2 header tabs: Conventional Frequency Setting (2A) and P25 Trunking System Setting (2B). In the next few slides I will explain each aspect of these 2 header tabs.

G_Series_PPS_V00-03-05_Beta05

Unication **G Series PPS** www.unication.com

Version: V0.3.5 Beta05 | User: admin | Connected Devices: 1 | Customer Support: +1 817 303 9320 (USA) | +1 817 686 3424 (USA) | sales@unication.com

Navigation: A User Guide, B Setting, C Create Profile for User Group, D View/Edit Existing Profile, E Program from Existing Profile, F Profile Import/Export, G Programming Log

Sub-Steps: C1 Create New Profile, C2 Copy from the Existing Profile, C3 Read Profile from Device

Main Menu: 1 User Group Information Setting, 2 Frequency & System Setting, 3 Protocol Parameter Setting, 4 Group ID Setting, 5 Zone & Channel Setting, 6 Pager Function List Setting, 7 Pager Configuration Setting, 8 Device Parameter Setting, 9 PS&DRT Setting, 10 Profile Detail Report

Frequency & System Setting

Conventional Frequency Setting | P25 Trunking System Setting

Conventional Frequency List

No.	Frequency Alias	Rx Frequency (MHz)	Rx Bandwidth (KHz)
1	Frequency 1	763.00000	12.5

Parameter Description

- Frequency Alias**
 - Definition:** Sets the name of the conventional frequency item. The name will be shown in the step 5 "Zone & Channel Setting".
 - Range:** The user may enter up to a maximum of 14 characters. Valid characters are alphanumeric, spaces and special characters.
 - Warning:** An empty string cannot be used for a name.
- RX Frequency (MHz)**
 - Definition:** Enter the receive frequency for the channel in the unit of MHz.
 - Range:** If the device is dual-band model, the frequency can be set in both ranges.
The definitions for frequency range for different bands are:
1. VHF: 136 - 174MHz
2. UHF A: 330 - 400MHz
3. UHF B: 380 - 430MHz
4. UHF C: 400 - 470MHz
5. UHF D: 450 - 520MHz
6. 700/800: 763 - 776MHz and 851 - 870MHz
- RX Bandwidth (KHz)**
 - Definition:** Sets the channel bandwidth at 12.5KHz, 25KHz or 20KHz for the RX frequencies.
 - Options:**
1. 12.5KHz (Default)
2. 25KHz
3. 20KHz
 - Warning:** For analog channel, the bandwidth can only be 12.5KHz, 25KHz or 20KHz. For P25C and DMR channel, the bandwidth can only be 12.5KHz.

Buttons: Program, Save, Next, Quit

Tab 2A: Conventional Frequency Setting

In this section of the PPS you can add all of your Analog and P25 Conventional frequencies. By clicking on the frequency alias it allows you to name each frequency for easier identification later. I have decided to add our local VHF Fire frequency. New frequencies can be added by clicking the button labeled New.

The screenshot displays the G Series PPS software interface, version V0.3.5 Beta05. The interface is divided into several sections:

- Header:** Includes the Unication logo, website (www.unication.com), version (V0.3.5 Beta05), user (admin), and connected devices (1). It also features a Customer Support section with contact information.
- Left Sidebar:** Contains navigation buttons labeled A through G: User Guide, Setting, Create Profile for User Group, View/Edit Existing Profile, Program from Existing Profile, Profile Import/Export, and Programming Log.
- Central Panel:** Shows the 'Create Profile for User Group >> Create New Profile >> Frequency & System Setting' workflow. The 'Conventional Frequency Setting' tab is active, displaying a 'Conventional Frequency List' table with one entry: 'Fire F1' at 154.41500 MHz with a 12.5 KHz bandwidth. A 'New' button is visible next to the table.
- Right Panel:** Contains a 'Parameter Description' section with details for 'Frequency Alias' and 'RX Frequency (MHz)'. It also includes a 'Warning' section for 'RX Frequency (MHz)'.
- Bottom Bar:** Includes buttons for 'Program', 'Save', 'Next', and 'Quit'.

No.	Frequency Alias	Rx Frequency (MHz)	Rx Bandwidth (KHz)
1	Fire F1	154.41500	12.5

Frequency Alias

- Definition**
Sets the name of the conventional frequency item. The name will be shown in the step 5 "Zone & Channel Setting".
- Range**
The user may enter up to a maximum of 14 characters. Valid characters are alphanumeric, spaces and special characters.
- Warning**
An empty string cannot be used for a name.

RX Frequency (MHz)

- Definition**
Enter the receive frequency for the channel in the unit of MHz.
- Range**
If the device is dual-band model, the frequency can be set in both ranges.

The definitions for frequency range for different bands are:
1. VHF: 136 - 174MHz
2. UHF A: 330 - 400MHz
3. UHF B: 380 - 430MHz
4. UHF C: 400 - 470MHz
5. UHF D: 450 - 520MHz
6. 700/800: 763 - 776MHz and 851 - 870MHz

RX Bandwidth (KHz)

- Definition**
Sets the channel bandwidth at 12.5KHz, 25KHz or 20KHz for the RX frequencies.
- Options**
1. 12.5KHz (Default)
2. 25KHz
3. 20KHz
- Warning**
For analog channel, the bandwidth can only be 12.5KHz, 25KHz or 20KHz. For P25C and DMR channel, the bandwidth can only be 12.5KHz.

Tab 2B: P25 Trunking System Setting

In this tab you enter in all of your P25 Trunking system information for all systems you wish to monitor. You can create a New system, Delete a system or Copy an existing system by clicking the corresponding button.

The screenshot displays the 'G Series PPS V00-03-05 Beta05' software interface. The top status bar includes the Unication logo, website, version (V0.3.5 Beta05), user (admin), connected devices (1), and customer support contact information. The left sidebar contains navigation buttons labeled A through G. The main window is titled 'Create Profile for User Group >> Create New Profile >> Frequency & System Setting'. It features two tabs: 'Conventional Frequency Setting' and 'P25 Trunking System Setting', with the latter being active. Below the tabs is a 'P25 Trunking System List' table with columns for No., System Alias, WACN ID(HEX), System ID(HEX), Site Trunking, Site List, Control CH List, and Full Spectrum. A single entry is shown: No. 1, System Alias MARCS, WACN ID(HEX) BEE00, System ID(HEX) 348, Site Trunking (checkbox), Site List Site:1, Control CH List Control CH:2, and Full Spectrum Disabled. To the right of the table is a 'Parameter Description' panel with sections for 'User Group Introduction', 'WACN ID', 'System ID', and 'Site Trunking', each containing definitions, ranges, and options. At the bottom of the interface are buttons for 'Program', 'Save', 'Next', and 'Quit'.

Version: V0.3.5 Beta05
User: admin
Connected Devices: 1
Customer Support: Phone: +1 817 303 9320 (USA), Fax: +1 817 886 3424 (USA), Email: sales@unication.com

Navigation Buttons:
A User Guide
B Setting
C Create Profile for User Group
D View/Edit Existing Profile
E Program from Existing Profile
F Profile Import/Export
G Programming Log

Buttons:
C1 Create New Profile
C2 Copy from the Existing Profile
C3 Read Profile from Device

1 User Group Information Setting
2 Frequency & System Setting
3 Protocol Parameter Setting
4 Group ID Setting
5 Zone & Channel Setting
6 Pager Function List Setting
7 Pager Configuration Setting
8 Device Parameter Setting
9 PS&DRT Setting
10 Profile Detail Report

Conventional Frequency Setting | P25 Trunking System Setting

P25 Trunking System List

No.	System Alias	WACN ID(HEX)	System ID(HEX)	Site Trunking	Site List	Control CH List	Full Spectrum
1	MARCS	BEE00	348	<input type="checkbox"/>	Site:1	Control CH:2	Disabled

Buttons: New, Copy, Delete

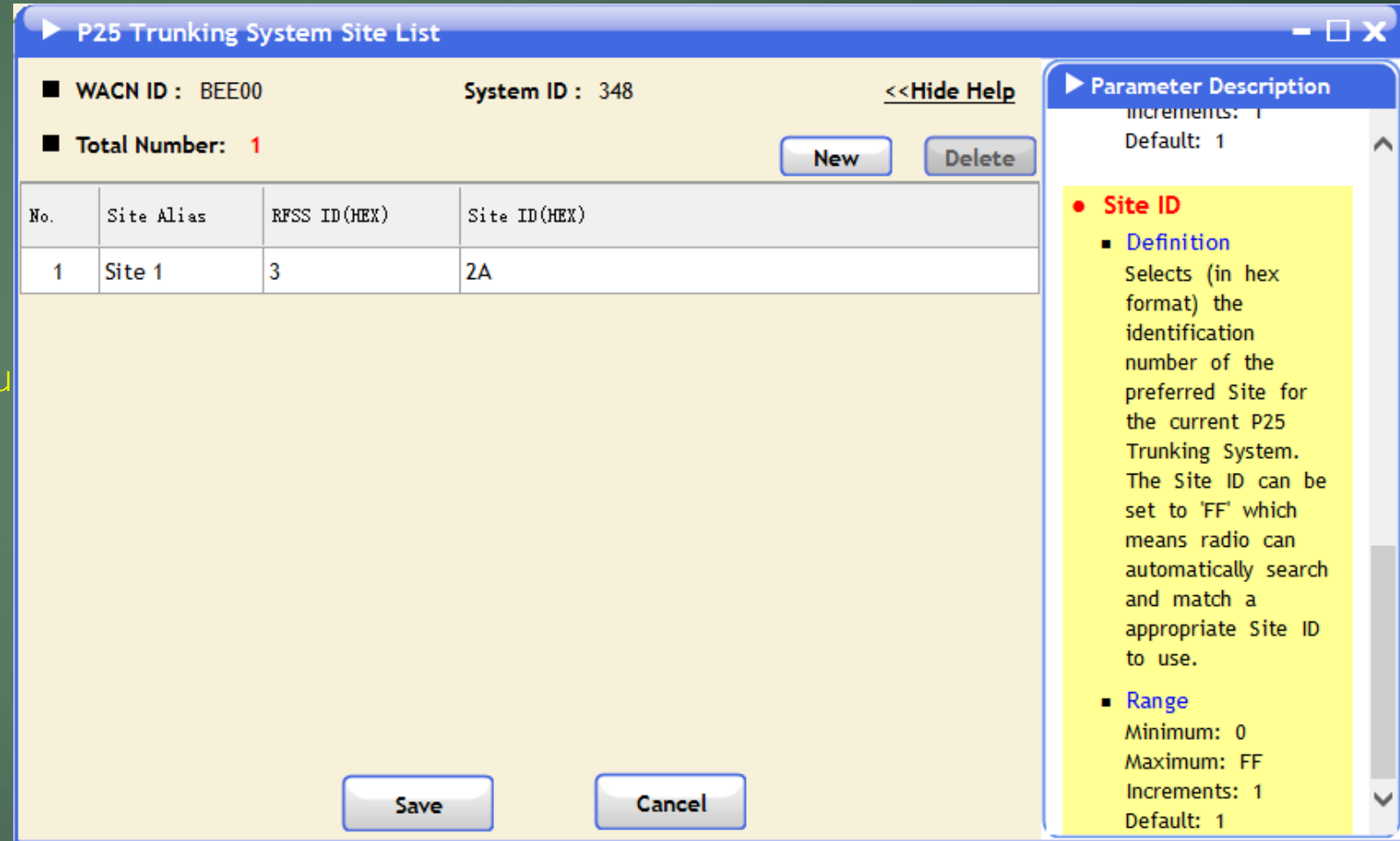
Parameter Description

- User Group Introduction**
 - Definition**
Sets a note for the radio user-group. It's not necessary to set.
 - Range**
The user may enter up to a maximum of 250 characters. Valid characters are alphanumerics, spaces and special characters.
- WACN ID**
 - Definition**
Selects (in hex format) the identification number of the WACN (Wide Area Communication Network) within which the radio normally operates. The WACN ID can be set to 'FFFFF' which means radio can automatically search and match a appropriate WACN ID to use.
 - Range**
Minimum: 0
Maximum: FFFFF
Increments: 1
Default: 1
 - Note**
The radio uses this WACN ID, the System ID and the Unit ID to identify itself to the FNE (Fixed Network Equipment) when performing registration and authentication.
A WACN is made up of one or more Systems.
- System ID**
 - Definition**
Selects (in hex format) the identification number of the P25 Trunking System on which this radio normally operates. The System ID can be set to 'FFF' which means radio can automatically search and match a appropriate System ID to use.
 - Range**
Minimum: 0
Maximum: FFF
Increments: 1
Default: 1
- Site Trunking**
 - Definition**
Enable/Disable the Site Trunking.
 - Options**
 1. Disabled: Site trunking not allowed. Only wide-area- trunking is accepted during the control channel scanning (Default)
 2. Enabled: Both site trunking and wide-area-trunking are accepted.

Buttons: Program, Save, Next, Quit

Tab 2B: Site List

By clicking on the site list cell you are presented with this window which allows you to enter pertinent site information. Such as RFSS ID and Site ID information.



P25 Trunking System Site List

■ WACN ID : BEE00 System ID : 348 <<Hide Help

■ Total Number: 1 [New] [Delete]

No.	Site Alias	RFSS ID(HEX)	Site ID(HEX)
1	Site 1	3	2A

[Save] [Cancel]

Parameter Description

increments: 1
Default: 1

- **Site ID**
 - **Definition**

Selects (in hex format) the identification number of the preferred Site for the current P25 Trunking System. The Site ID can be set to 'FF' which means radio can automatically search and match a appropriate Site ID to use.
 - **Range**

Minimum: 0
Maximum: FF
Increments: 1
Default: 1

Tab 2B: Control Channel

When clicking on the control channel cell it allows you to enter your control channels for your P25 system. I recommend entering at least 2 for each site: 1 Primary and 1 Alternate.

Set Control Channel of P25 Trunking System

■ WACN ID : BEE00 System ID : 348 [Show Help>>](#)

■ Total Number : 2 New Delete

No.	FX Frequency (MHz)	Note
1	774.78125	
2	774.08125	

Save Cancel

Tab 2B: Full Spectrum Scan (Optional)

When setting up full spectrum scan be sure to set up 2 scan ranges if you want to scan both the 700 & 800 band.

Set Full Spectrum Scan of P25 Trunking System

■ WACN ID : BEE00 System ID : 348 <<Hide Help

☒ Full spectrum scan

● Full spectrum scan ranges: 2

Start freq of range (MHz) 1 :	763.00000
End freq of range (MHz) 1 :	776.00000
Step size of range (Hz) 1 :	12500
Start freq of range (MHz) 2 :	851.00000
End freq of range (MHz) 2 :	870.00000
Step size of range (Hz) 2 :	12500

Save Cancel

Parameter Description

Start Frequency and End Frequency must be in the same band.

The definitions for frequency range for different bands are:

1. VHF: 136 - 174MHz
2. UHF A: 330 - 400MHz
3. UHF B: 380 - 430MHz
4. UHF C: 400 - 470MHz
5. UHF D: 450 - 520MHz
6. 700/800: 763 - 776MHz and 851 - 870MHz

■ **Warning**
The End frequency must be greater

Tab 3: Protocol Parameter Setting

In tab 3 You can setup multiple protocols. I have chosen to set up 2-tone P25C and P25T.

G_Series_PPS_V00-03-05_Beta04

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Version: V0.3.5 Beta04 User: admin Connected Devices: 0 Customer Support: Phone: +1 817 303 9320 (USA) Fax: +1 817 886 3424 (USA) Email: sales@unication.com

Unication

A User Guide **C1** Create New Profile **B** Setting **C2** Copy from the Existing Profile **C** Create Profile for User Group **C3** Read Profile from Device **D** View/Edit Existing Profile **E** Program from Existing Profile **F** Profile Import/Export **G** Programming Log

1 User Group Information Setting **2** Frequency & System Setting **3** Protocol Parameter Setting **4** Group ID Setting **5** Zone & Channel Setting **6** Pager Function List Setting

Program

Protocol List Setting

Total: 3 New Delete

No.	Protocol Type	Protocol Alias
1	2-Tone	Protocol 1
2	P25 Conventional	Protocol 2
3	P25 Trunking	Protocol 3

Protocol Parameter Setting

Tone Table: Motorola

- Tone 1 Duration: 1000 ms
- Gap 1 Duration: 0 ms
- Tone 2 Duration: 3000 ms
- Gap 2 Duration: 0 ms
- Long Tone Duration: 8000 ms
- Long Tone Gap: 0 ms
- Long Tone Rx Timeout: 6000 ms
- Rx Timeout: 1500 ms

Parameter Description

- Protocol Type**
 - Definition**
Selects the protocol type for the setting item.
 - Range**
You don't need to set any protocol setting if you are only using CSQ channel (carrier squelch)
- Protocol Alias**
 - Definition**
User can input Protocol Alias for this protocol setting.
 - Range**
The user may enter up to a maximum of 14 characters. Valid characters are alphanumerics, spaces and special characters.

Save Next Quit

Tab 4: Group ID Setting

In Tab 4 we are presented with the opportunity to enter our 2-Tone, P25C TGID's, and P25T TGID's. You can create multiple TGID's by clicking New. You can change the alert tone for each ID, including entering you own Custom Tone.

G_Series_PPS_V00-03-05_Beta04

G Series PPS
Unication www.unication.com

Version: **V0.3.5 Beta04** User: **admin** Connected Devices: **0** [Detail](#)

Customer Support
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Fax: +1 817 886 3424 (USA)
Email: sales@unication.com [About](#)

■ Create Profile for User Group >> Create New Profile >> Group ID Setting

Group List << >>

■ Total: 1 [Play Tone](#) [Custom Tone Setting](#) [New](#) [Delete](#)

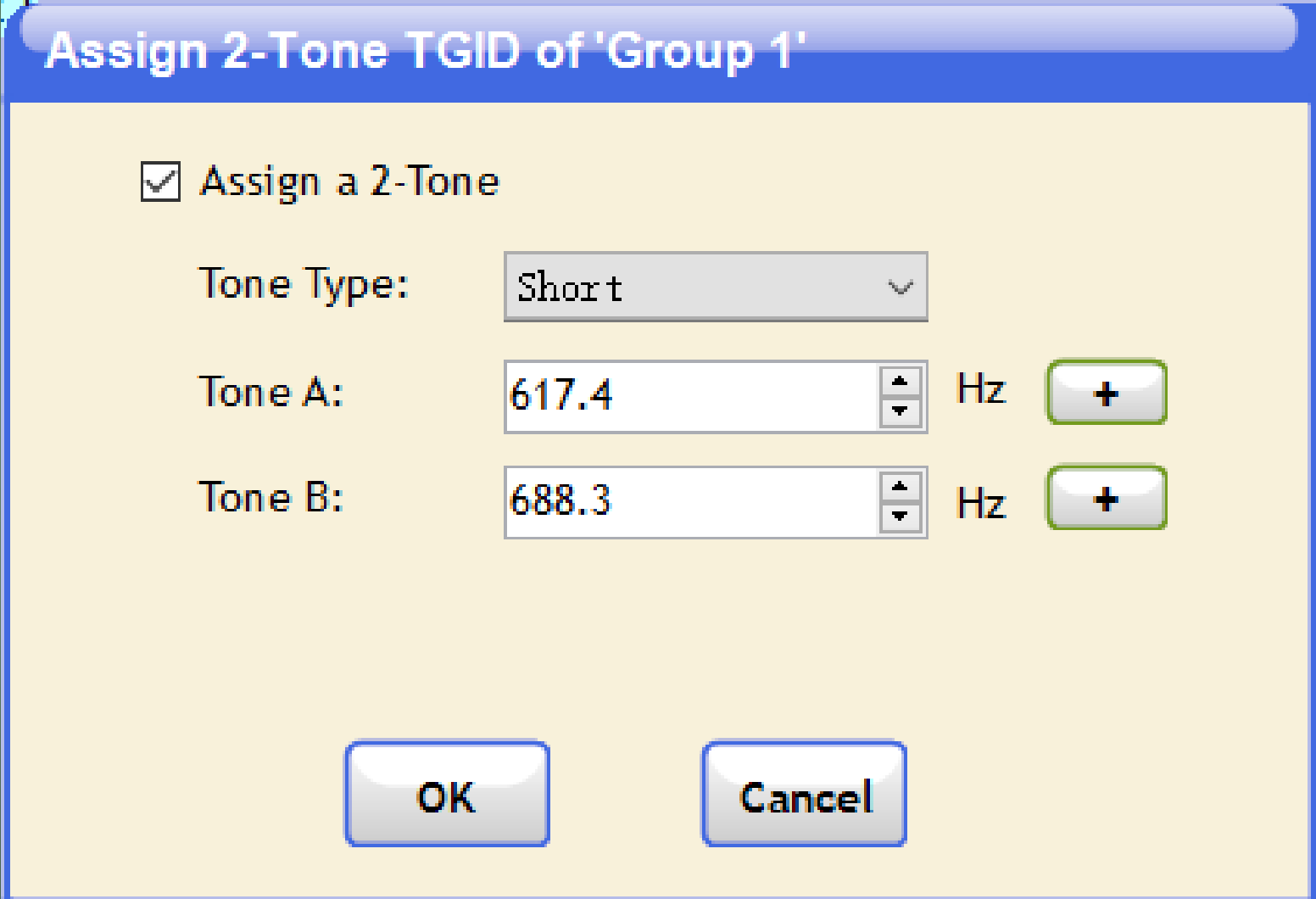
No.	Group Alias	Alert Tone	Voice Storage	Relay Control	2-Tone	P25C TGID	P25T TGID
2	Group 1	Default Tone	<input checked="" type="checkbox"/>	Off	No Setting	No Setting	No Setting

1 User Group Information Setting
2 Frequency & System Setting
3 Protocol Parameter Setting
4 **Group ID Setting**
5 Zone & Channel Setting
6 Pager Function List Setting

[Program](#) [Save](#) [Next](#) [Quit](#)

Tab 4A: Adding a 2-Tone Pair

By clicking No Setting you are presented with this window that allows you to enter your 2-Tone pair or select it from a list by pressing the + button.



The image shows a software dialog box titled "Assign 2-Tone TGID of 'Group 1'". It has a blue header bar and a light yellow body. At the top, there is a checked checkbox labeled "Assign a 2-Tone". Below this, the "Tone Type" is set to "Short" in a dropdown menu. There are two rows for tone frequencies: "Tone A" is set to 617.4 Hz and "Tone B" is set to 688.3 Hz. Each frequency is in a text box with up/down arrows, followed by the unit "Hz" and a green "+ button" to add more tones. At the bottom, there are "OK" and "Cancel" buttons.

Assign 2-Tone TGID of 'Group 1'

☒ Assign a 2-Tone

Tone Type: Short

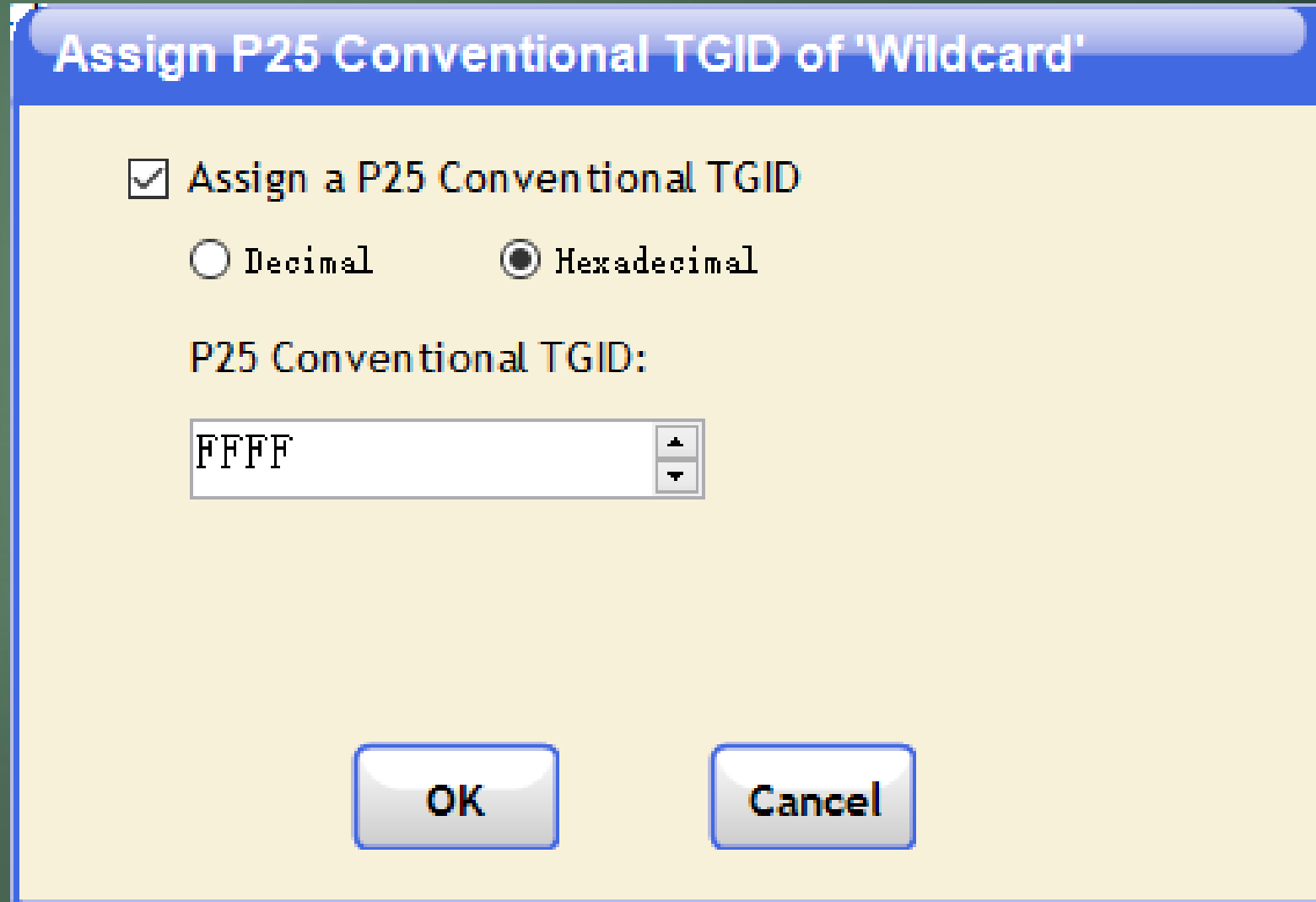
Tone A: 617.4 Hz +

Tone B: 688.3 Hz +

OK Cancel

Tab 4B: P25C TGID

Since I am not using P25C for alerting I am going to enter our Wildcard ID FFFF(HEX).



The image shows a software dialog box titled "Assign P25 Conventional TGID of 'Wildcard'". The dialog has a light yellow background and a blue border. At the top, there is a checked checkbox labeled "Assign a P25 Conventional TGID". Below this, there are two radio buttons: "Decimal" (which is unselected) and "Hexadecimal" (which is selected). Under the radio buttons, the text "P25 Conventional TGID:" is displayed. Below this text is a text input field containing the value "FFFF". To the right of the input field are two small arrow buttons for navigating through a list. At the bottom of the dialog, there are two buttons: "OK" and "Cancel".

Assign P25 Conventional TGID of 'Wildcard'

☒ Assign a P25 Conventional TGID

☐ Decimal ☒ Hexadecimal

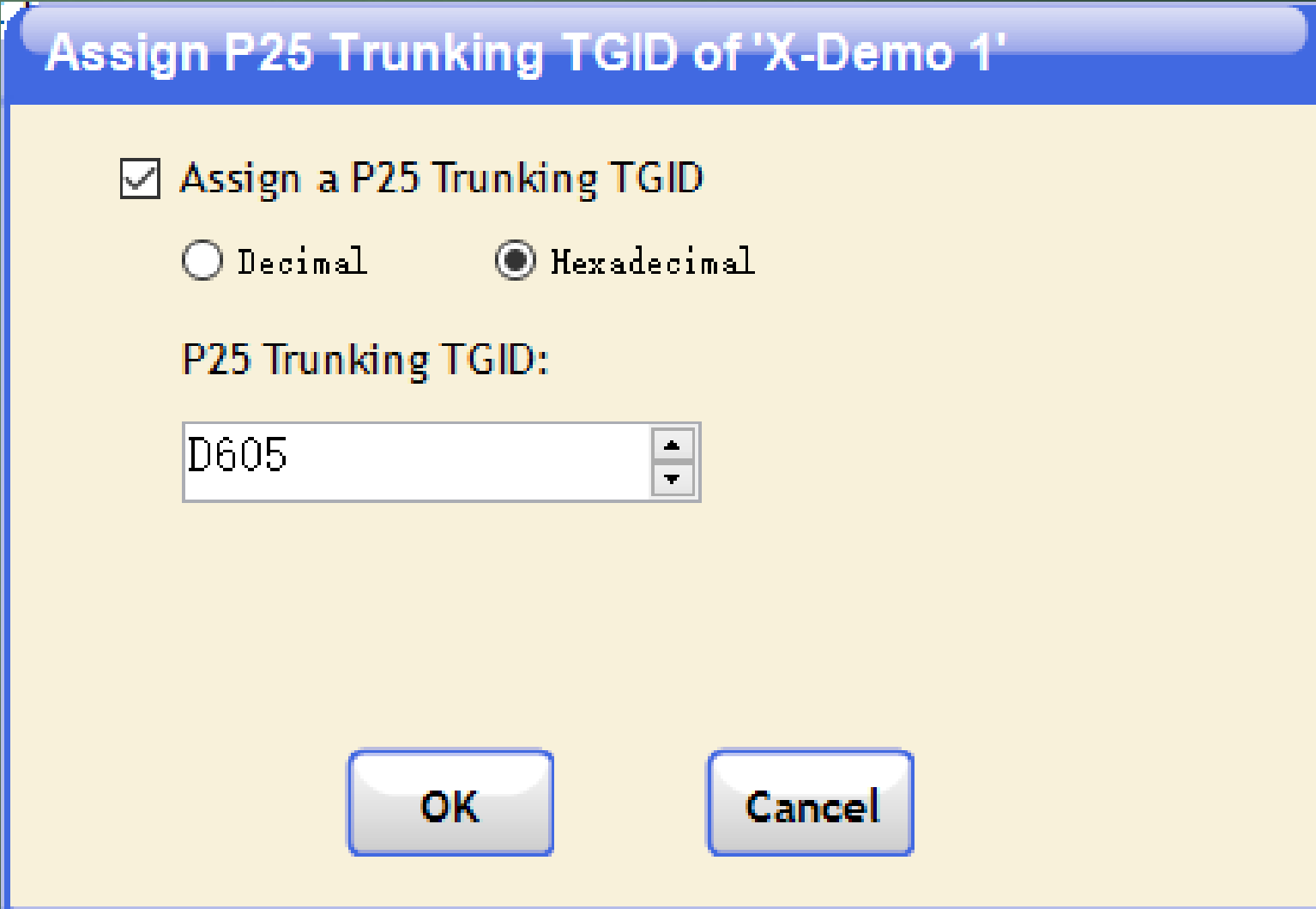
P25 Conventional TGID:

FFFF

OK Cancel

Tab 4C: P25T TGID

This window is presented when entering a P25T TGID.



The image shows a software dialog box titled "Assign P25 Trunking TGID of 'X-Demo 1'". The dialog has a light yellow background and a blue border. At the top, there is a checked checkbox labeled "Assign a P25 Trunking TGID". Below this, there are two radio buttons: "Decimal" (which is unselected) and "Hexadecimal" (which is selected). Under the radio buttons, the text "P25 Trunking TGID:" is displayed. Below this text is a text input field containing the value "D605". To the right of the input field is a small vertical spinner control with up and down arrows. At the bottom of the dialog, there are two buttons: "OK" and "Cancel".

Assign P25 Trunking TGID of 'X-Demo 1'

☒ Assign a P25 Trunking TGID

☐ Decimal ☒ Hexadecimal

P25 Trunking TGID:

D605

OK Cancel

Tab 4: Group ID Settings

These are my finalized setting yours will be different.

G_Series_PPS_V00-03-05_Beta04

Unication **G Series PPS** www.unication.com

Version: **V0.3.5 Beta04** User: **admin** Connected Devices: **0** [Detail](#)

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Fax: +1 817 886 3424 (USA)
Email: sales@unication.com [About](#)

■ Create Profile for User Group >> Create New Profile >> Group ID Setting

Group List [Play Tone](#) [Custom Tone Setting](#) [New](#) [Delete](#)

■ Total: 3

No.	Group Alias	Alert Tone	Voice Storage	Relay Control	2-Tone	P25C TGID	P25T TGID
2	2 Tone	Default Tone	<input checked="" type="checkbox"/>	Off	T1. 617.4 Hz T2. 688.3 Hz	No Setting	No Setting
3	Wildcard	None	<input checked="" type="checkbox"/>	Off	No Setting	65535 (DEC) FFFF (HEX)	No Setting
4	X-Demo 1	None	<input checked="" type="checkbox"/>	Off	No Setting	No Setting	54789 (DEC) D605 (HEX)

4 Group ID Setting

5 Zone & Channel Setting

6 Pager Function List Setting

[Program](#) [Save](#) [Next](#) [Quit](#)

Tab 5: Zone & Channel Setting

In Tab 5 we create our knob positions. New zones can be added by pressing the New button.

The screenshot displays the 'G Series PPS' software interface. The top status bar includes the version 'V0.3.5 Beta04', user 'admin', and 0 connected devices. A breadcrumb trail indicates the current path: 'Create Profile for User Group >> Create New Profile >> Zone & Channel Setting'. The left sidebar contains navigation buttons labeled A through G. The main area shows a 'Zone and Channel List' with a table containing one entry, 'Zone 1'. The table has columns for 'No.', 'Zone Name', and eight 'Knob Position' columns, all of which are currently set to 'None'. A 'New' button is located to the right of the table. At the bottom, there are 'Program', 'Save', 'Next', and 'Quit' buttons.

Zone and Channel List

■ Total: 1

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
1	Zone 1	None	None	None	None	None	None	None	None

Buttons: New, Delete

Bottom Bar: Program, Save, Next, Quit

Knob Positions

- ▶ You can Name each knob position by using the Alias Text box
- ▶ Custom Voice prompts can be added using

5_Series_PPS_V00-03-05_Beta05

Unication **G Series PPS** www.unication.com

Version: V0.3.5 Beta05 User: admin Connected Devices: 0 Customer Support: Phone: +1 817 303 9320 (USA) Fax: +1 817 886 3424 (USA) Email: sales@unication.com

View/Edit Existing Profile >> Zone & Channel Setting

Zone and Channel Setting/Receiving Table Setting

Zone Name: Zone 1 Zone # 1 Knob # 1

Receiving Mode: None Alias: Zone 1-Knob 1

Voice Prompt: None Custom Voice Prompt

1 User Group Information Setting

2 Frequency & System Setting

3 Protocol Parameter Setting

4 Group ID Setting

5 Zone & Channel Setting

6 Pager Function List Setting

7 Pager Configuration Setting

8 Device Parameter Setting

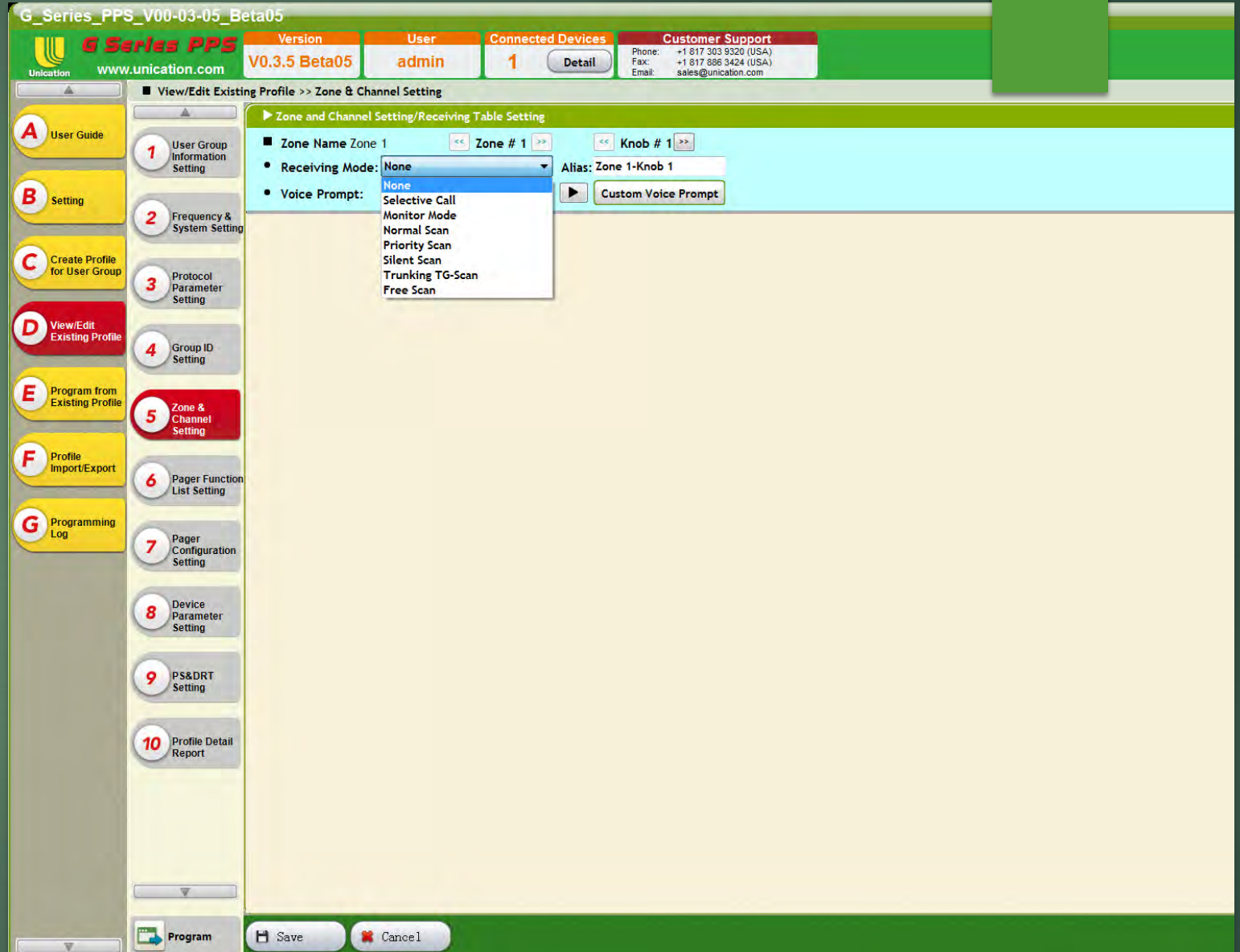
9 PS&DRT Setting

10 Profile Detail Report

Program Save Cancel

Tab 5A: Receiving Modes

- ▶ Selective Call: Is silent until a 2-tone pair is received.
- ▶ Monitor Mode: Allows the user to listen to all traffic on a specified frequency.
- ▶ Normal Scan: Allows the user to scan up to 16 knob positions.
- ▶ Priority Scan: Allows the user to scan up to 16 knob positions Prioritizing 1.
- ▶ Silent Scan: Allows user to scan multiple frequencies for 2 tone pairs while remaining silent until this occurs.
- ▶ Trunking TG-Scan: Allows user to monitor a P25 Trunking system.
- ▶ Free Scan: Allows user to scan through a set frequency range.



Selective Call: Reset Modes

- ▶ Auto Reset: Unit will automatically reset to selective call once carrier drops.
- ▶ Delay N Reset: Unit will reset to selective call after a set timer and the carrier drops.
- ▶ Revert Reset: Automatically reverts to the monitor mode until reset button is pressed.
- ▶ Delay N Revert Reset: Reverts to the monitor mode after a timer until reset button is pressed.
- ▶ Timeout Reset: Unit will reset to selective call after a set timer whether the carrier drops or not.
- ▶ Manual Reset: Unit will not reset unless reset button is pressed.

G_Series_PPS_V00-03-05_Beta05

G Series PPS Version: V0.3.5 Beta05 User: admin Connected Devices: 1 Customer Support: Phone: +1 817 303 9320 (USA) Fax: +1 817 886 3424 (USA) Email: sales@unication.com

Unication www.unication.com

■ View/Edit Existing Profile >> Zone & Channel Setting

▶ Zone and Channel Setting/Receiving Table Setting

■ Zone Name Zone 1 << Zone # 1 >> << Knob # 1 >>

• Receiving Mode: Selective Call Alias: Zone 1-Knob 1

• Voice Prompt: Selective Call Custom Voice Prompt

Knob - Conventional Channel Setting

• Conventional Frequency: Fire F1 (154.41500MHz / 12.5KHz)

• Protocol Setting:
Protocol Type: 2-Tone
Protocol Alias: Protocol 2

• CTCSS / CDCSS for Analog
Squelch Type: None

• Channel Receive Option
Rx De-emphasis: Yes
Comander: No
Audio Squelch: Low
Repeater Mode (Digital): ☐ Enable

Knob - Function Setting

• Reset Mode: Auto Reset

• Delay Timer: Auto Reset sec

• Record Delay Function: Delay N Reset

• Record Delay Timer: Delay N Revert Reset sec

• Push to Listen: Timeout Reset

• Privacy: Manual Reset

• Voice Storage: ☒ Enable

• Alert Mode: Tone Only

• Voice Buffering: Disable

Knob - Talk Group List

No	Group Alias (TGID)	Enable	None	Off Duty	Priorit y
1	2 tone (617.4,688.3)	<input checked="" type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Program Save Cancel

Setting up an Analog Knob Position

- ▶ Select your Receiving Mode
- ▶ Choose your Conventional Frequency
- ▶ Select your protocol (2-Tone, CSQ)
- ▶ Select CTCSS/CDCSS setting (TPL/DPL)
- ▶ Select your reset mode
- ▶ Select your alert mode
- ▶ Enable your 2-Tone pair
- ▶ Click Save

G_Series_PPS_V00-03-05_Beta05

G Series PPS Version: V0.3.5 Beta05 User: admin Connected Devices: 0 Customer Support: Phone: +1 817 303 9320 (USA) Fax: +1 817 886 3424 (USA) Email: sales@unication.com

www.unication.com

■ View/Edit Existing Profile >> Zone & Channel Setting

▶ Zone and Channel Setting/Receiving Table Setting

■ Zone Name Zone 1 << Zone # 1 >> << Knob # 1 >>

• Receiving Mode: Monitor Mode Alias: Zone 1-Knob 1

• Voice Prompt: Monitor Mode Custom Voice Prompt

Knob - Conventional Channel Setting

• Conventional Frequency: Fire F1 (154.41500MHz / 12.5KHz)

• Protocol Setting:
Protocol Type: 2-Tone
Protocol Alias: Protocol 2

• CTCSS / CDCSS for Analog
Squelch Type: None

• Channel Receive Option
Rx De-emphasis: Yes
Comander: No
Audio Squelch: Low
Repeater Mode (Digital): ☐ Enable

Knob - Function Setting

• Reset Mode: Delay N Reset

• Delay Timer: 30 sec

• Record Delay Function: ☐ Enable

• Record Delay Timer: 30 sec

• Push to Listen: No

• Privacy: No

• Voice Storage: ☒ Enable

• Alert Mode: Tone Only

• Voice Buffering: Disable

Knob - Talk Group List Select Unsel.

No	Group Alias (TGID)	Enable	None	Off Duty	Priorit y
1	2 tone (617.4,688.3)	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Program Save Cancel

Setting up a P25C Knob Position

- ▶ Choose your Frequency
- ▶ Select Your P25C Protocol
- ▶ Enter your P25C Network Access Code or NAC
- ▶ Choose your Alert Mode
- ▶ Select your P25C TGID in my case it is a wildcard.

G_Series_PPS_V00-03-05_Beta05

Unication **G Series PPS** www.unication.com

Version: **V0.3.5 Beta05** User: **admin** Connected Devices: **0** Customer Support: Phone: +1 817 303 9320 (USA) Fax: +1 817 886 3424 (USA) Email: sales@unication.com

View/Edit Existing Profile >> Zone & Channel Setting

Zone and Channel Setting/Receiving Table Setting

Zone Name: Zone 1 Zone # 1 Knob # 1

Receiving Mode: Monitor Mode Alias: Zone 1-Knob 1

Voice Prompt: Monitor Mode Custom Voice Prompt

Knob - Conventional Channel Setting

Conventional Frequency: Fire F1 (154.41500MHz / 12.5KHz)

Protocol Setting:

Protocol Type: P25 Conventional

Protocol Alias: Protocol 3

P25 Network Access Code: 1 (HEX)

Channel Receive Option:

Rx De-emphasis: Yes

Comander: No

Audio Squelch: Low

Repeater Mode (Digital): ☒ Enable

Knob - Function Setting

Reset Mode: Delay N Reset

Delay Timer: 30 sec

Record Delay Function: ☐ Enable

Record Delay Timer: 30 sec

Push to Listen: No

Privacy: No

Voice Storage: ☒ Enable

Alert Mode: Tone Only

Voice Buffering: Enable

Knob - Talk Group List

Select Unsel.

No	Group Alias (TGID)	Enable	None	Off Duty	Priorit y
2	Wildcard (65535)	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Program Save Cancel

Setting up a Normal/Priority/Silent Scan Knob Position

The G4/G5 does not scan frequencies it scans Knob positions therefore you must setup a Knob position for each frequency you wish to scan.

- Add knob positions to list
- Select Priority channel and priority sampling (if applicable)
- Enter desired stay time
- Select alert mode
- Enable CT/CDCSS to use PL during scan

The screenshot displays the 'G Series PPS' software interface, version V0.3.5 Beta05. The top navigation bar includes the 'Unication' logo, the website 'www.unication.com', and status information for the user 'admin' and connected devices (0). A 'Customer Support' section provides contact details for the USA office. The main menu on the left lists various functions, with 'View/Edit Existing Profile' (D) and 'Zone & Channel Setting' (5) highlighted. The central pane shows the 'Zone and Channel Setting/Receiving Table Setting' for 'Zone 1'. It includes fields for 'Receiving Mode' (Normal Scan), 'Voice Prompt' (Normal Scan), and 'Knob # 4'. Below this, the 'Knob - Scan List Setting' section shows a list of available knob positions: 'Z1/P1 Zone 1-Knob 1', 'Z1/P2 Zone 1-Knob 2', and 'Z1/P3 Zone 1-Knob 3'. The 'List Members' section is currently empty. The 'Knob - Function Setting' section at the bottom includes settings for 'Reset Mode' (Auto Reset), 'Delay Timer' (30 sec), 'Record Delay Function' (Enable), 'Record Delay Timer' (30 sec), 'Push to Listen' (No), 'Privacy' (No), 'Voice Storage' (Enable), 'Alert Mode' (Tone Only), and 'CT/CDCSS Option' (Disable). The interface concludes with 'Save' and 'Cancel' buttons.

G_Series_PPS_V00-03-05_Beta05

Unication **G Series PPS** www.unication.com

Version: V0.3.5 Beta05 User: admin Connected Devices: 0 Detail

Customer Support: Phone: +1 817 303 9320 (USA) Fax: +1 817 886 3424 (USA) Email: sales@unication.com

View/Edit Existing Profile >> Zone & Channel Setting

Zone and Channel Setting/Receiving Table Setting

Zone Name: Zone 1 Zone # 1 Knob # 4

Receiving Mode: Normal Scan Alias: Zone 1-Knob 4

Voice Prompt: Normal Scan Custom Voice Prompt

Knob - Scan List Setting

Scan List:

Available: Z1/P1 Zone 1-Knob 1, Z1/P2 Zone 1-Knob 2, Z1/P3 Zone 1-Knob 3

List Members:

Priority Channel: Priority Sampling: Enable Stay Time: 200 ms

Knob - Function Setting

Reset Mode: Auto Reset Delay Timer: 30 sec Record Delay Function: Enable Record Delay Timer: 30 sec Push to Listen: No Privacy: No Voice Storage: Enable Alert Mode: Tone Only CT/CDCSS Option: Disable

Program Save Cancel

Setting up a Trunking TG-Scan Knob Position

- ▶ Select Trunking System
- ▶ Configure Desired Function Settings
- ▶ Add TGID's
- ▶ Enable Priority (If supported by system)
- ▶ Enable Multi-select Call Sampling (If supported by system)
- ▶ Configure ATG (If desired)

G_Series_PPS_V00-03-05_Beta05

Unication **G Series PPS** www.unication.com

Version: V0.3.5 Beta05 User: admin Connected Devices: 0 Customer Support: Phone: +1 817 303 9320 (USA) Fax: +1 817 886 3424 (USA) Email: sales@unication.com

View/Edit Existing Profile >> Zone & Channel Setting

Zone and Channel Setting/Receiving Table Setting

Zone Name: Zone 1 << Zone # 1 >> Knob # 4 << >>

Receiving Mode: Trunking TG-Scan Alias: Zone 1-Knob 4

Voice Prompt: Trunking TG Normal Scan Custom Voice Prompt

Knob - Trunking System Setting

P25 Trunking System: MARCS (BEE00 / 348, Sites:1, Control CHs:2)

WACN ID DEC:781824 HEX:BEE00 System ID: DEC:840 HEX:348

Site List: 1 Control Channel List: 2

Full Spectrum Scan: Disabled

Knob - Function Setting

Audio Squelch: Low

Push to Listen: No

Voice Storage: ☒ Enable

Alert Mode: Tone Only

Voice Buffering: Enable

Knob - Talk Group List

Talk Group List:

Available: List Members, Total: 1

x-demo 1 (54789)

Priority Talk Group ID Option: ☐ Enable

Multi-Select Call Sampling: ☐ Enable

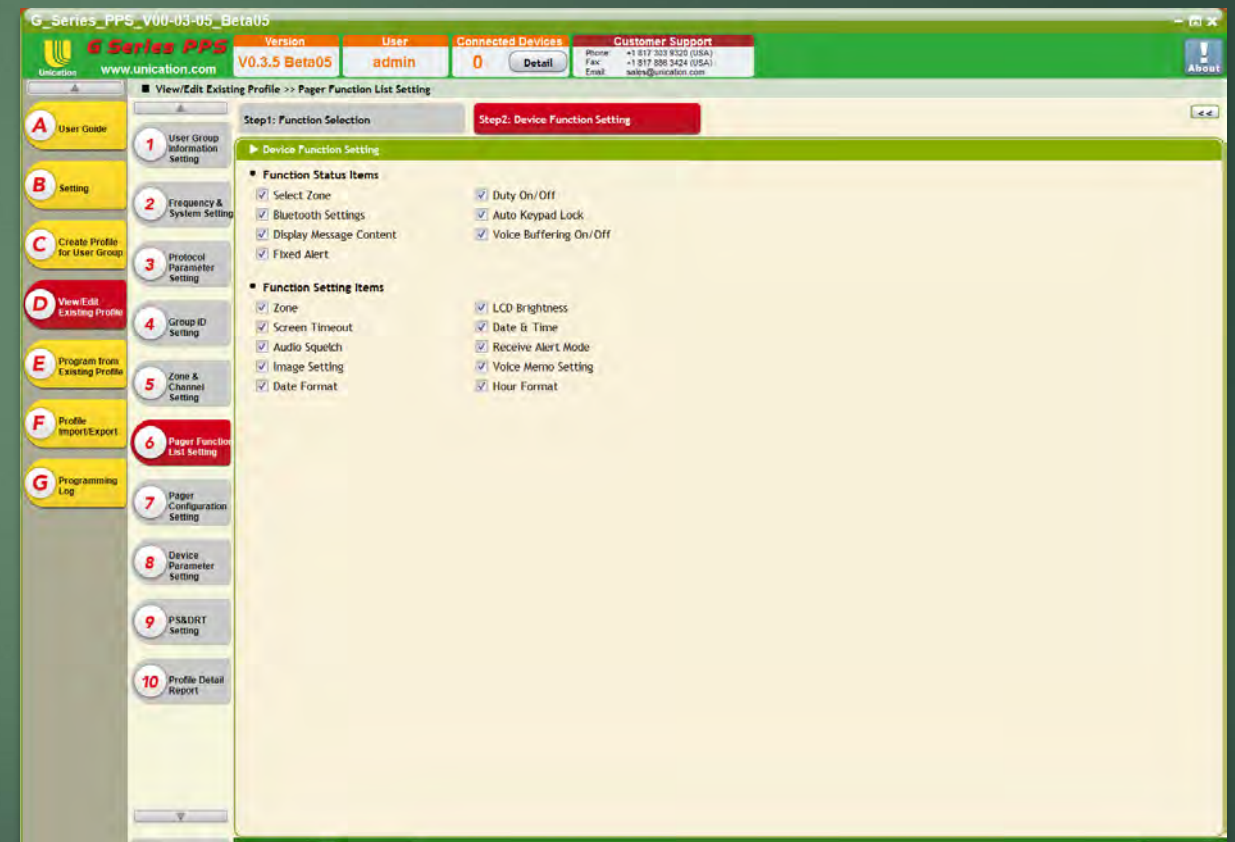
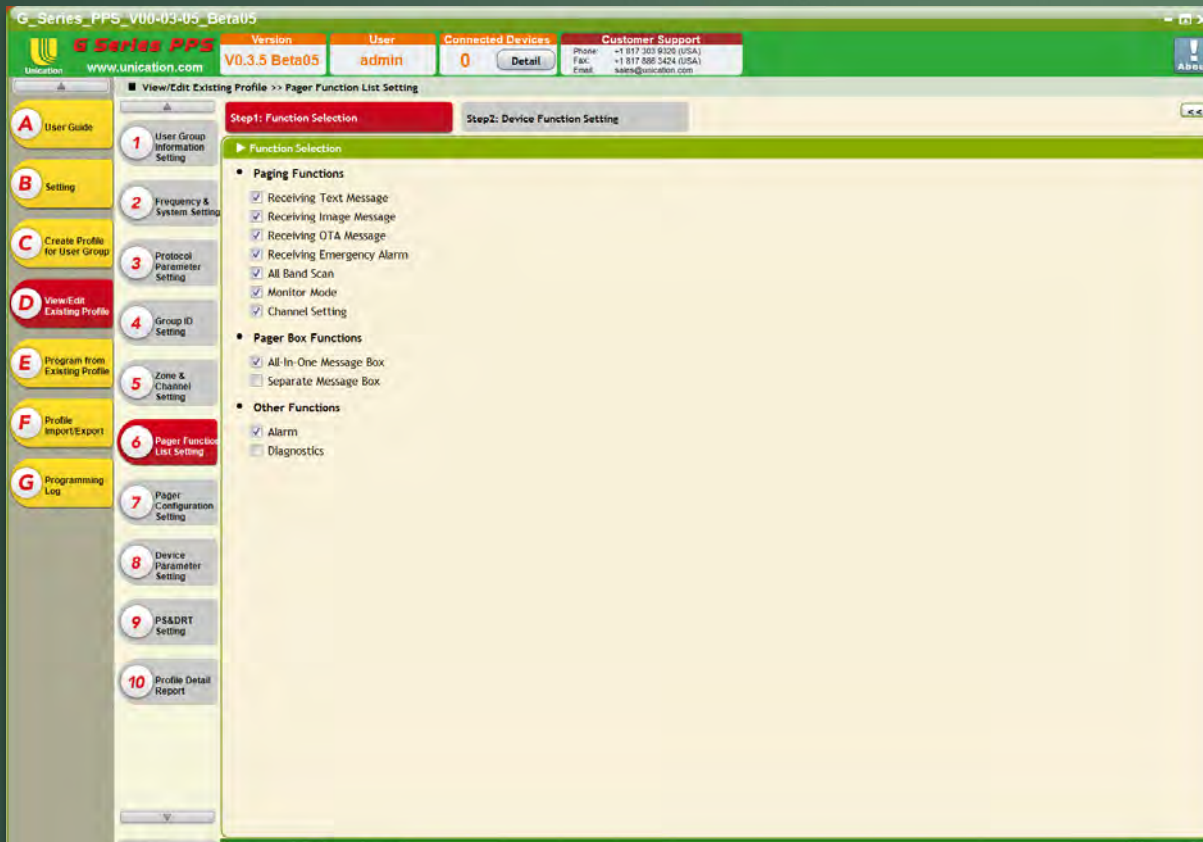
Maximum Sampling Time: 2 sec

Announcement Group(ATG) ID: DEC HEX 0

Program Save Cancel

Tab 6: Pager Function List Settings

► This tab allows you to edit what features are available in the menu of the G4/G5



Tab 7: Pager Configuration Settings

► This Tab contains all of the general settings for the unit. The Parameter Description Help Box contains valuable information about each setting by simply clicking in the name of each setting the PPS will automatically guide you to that section of the Parameter description.

► The parameter description can be opened by pressing the << button or hidden by pressing the >> button.

The screenshot displays the 'G Series PPS V00-03-05_Beta05' software interface. The top status bar includes the version 'V0.3.5 Beta05', user 'admin', and '0' connected devices. A sidebar on the left lists navigation options: User Guide, Setting, Create Profile for User Group, View/Edit Existing Profile (highlighted), Program from Existing Profile, Profile Import/Export, and Programming Log. The main area is titled 'View/Edit Existing Profile >> Pager Configuration Setting' and contains several sub-sections: 'General Setting' (with tabs for General Setting and Home Screen), 'Out of Range Alert Setting' (with fields for Loss of Signal, Out of Range Timer, In Range Timer, Alert Repeatedly, Alert Interval, and Alert Timeout), 'Unread Message Reminder Setting' (with fields for Unread Message Reminder Alert and Remind Interval), 'Receiving Alert Mode Setting' (with fields for 2-Tone Alert Duration Type, 2-Tone Alert Fixed Duration, 5-Tone/MDC Alert Duration, and Digital Alert Duration), 'Priority Alert Setting' (with fields for Priority Alert Tone and Custom Tone Setting), 'Tone Volume Setting' (with fields for Receiving Alert Tone Volume and Notification Tone Volume), 'Duty Status Setting' (with fields for Default Duty Status and Do Not Record Off Duty Message), and 'Auto Keypad Lock Setting' (with a field for Default Auto Keypad Lock Status). A 'Parameter Description' help box on the right provides detailed information for the 'Out of Range Timer' setting, including its definition, range, and options. The bottom of the interface features a 'Program' button, 'Save' and 'Next' buttons, and a 'Quit' button. The Windows taskbar at the bottom shows the time as 11:53 AM on 10/10/2016.

Tab 7: Home Screen

► In this sub tab it allows you to customize what is displayed on the screen for each receive mode

► It also allows for the customization and addition of Logo images and Titles.

G_Series_PPS_V00-03-05_Beta05

Unication **G Series PPS** www.unication.com

Version: V0.3.5 Beta05 User: admin Connected Devices: 0 Customer Support: Phone: +1 817 303 9320 (USA) Fax: +1 817 886 3424 (USA) Email: sales@unication.com

View/Edit Existing Profile >> Pager Configuration Setting

General Setting Home Screen

Home Screen Setting

- Home Screen Style: Standard
- Home Screen Option: Customized

Home Screen Detail - Selective Call / Monitor Mode

Home Screen Item List

Home Screen Display Item

- User Group Name
- Receive Mode
- Duty Status
- Frequency
- Bandwidth
- Channel Signaling
- Receive Group
- Audio Squelch Level
- RF Identity
- Alert Mode
- Reset Mode
- Push-To-Listen

Home Screen Detail - Normal / Priority / Silent Scan

Home Screen Item List

Home Screen Display Item

- User Group Name
- Receive Mode
- Stay Time
- Alert Mode
- Scan List
- Receive Group
- Audio Squelch Level
- Speaker On Condition
- Reset Mode

Home Screen Detail - Trunking TG Scan

Home Screen Item List

Home Screen Display Item

- User Group Name
- Receive Group
- Alert Mode
- Push-To-Listen
- System Alias
- WACN ID
- System ID
- RFSS ID
- Site ID

Program Save Next

Tab 8: Profile Detail Report

► Performs the same function as Tab E Detail Button.

Series_PPS_V00-03-05_Beta01

G Series PPS

www.unication.com

Version

V0.3.5 Beta01

User

admin

Connected Devices

0

Detail

Customer Support

Phone: +1 817 303 9320 (USA)

Fax: +1 817 886 3424 (USA)

Email: sales@unication.com

View/Edit Existing Profile >> Profile Detail Report

Profile Detail Report

Detail Report

1 User Group Information Setting

2 Frequency & System Setting

3 Protocol Parameter Setting

4 Group ID Setting

5 Zone & Channel Setting

6 Pager Function List Setting

7 Pager Configuration Setting

8 Profile Detail Report

1. User Group Information Setting

1-1 Model No. Information

Model: G48648F-SXXXEN1401UNI

RF Band: 700/800 (763~776, 851~870 MHz)

Protocol:

Conventional: 2-Tone , 5-Tone , MDC1200 , DVOA , P25 Conventional

Trunking: P25 Trunking

Hardware: Bluetooth

1-2 User Group Information

User Group Name: Pager Training

User Group Introduction:

Created Date: 9/14/2016

2. Frequency & System Setting

2-1 Conventional Frequency

Total: 15

+Detail

2-2 P25 Trunking System

Total: 4

+Detail

3. Protocol Parameter Setting

Total : 3

+Detail

4. Group ID Setting

4-1 Group List

Total: 95

No.	Group Name	Alert Tone	Voice Storage	2-Tone	P25C GID	P25T GID	Relay
1	PGTST1	HOME	Enable	No Setting	1978 (DEC) 7BA (HEX)	1978 (DEC) 7BA (HEX)	Always On
2	PGTST2	EDEN	Enable	No Setting	1979 (DEC) 7BB (HEX)	1979 (DEC) 7BB (HEX)	10 s
3	DEMOPG1	LARK	Enable	No Setting	11747 (DEC) 2DE3 (HEX)	11747 (DEC) 2DE3 (HEX)	60 s
4	DEMOPG2	LEF	Enable	No Setting	11748 (DEC)	11748 (DEC)	120 s

Program

Print

Programming The Unit

- To program Press the program tab and then the program button.
- When the unit is programmed you will be presented with the Programming Successful Prompt.

