



G Series PPS Overview

USING

G_SERIES_PPS_V00-03-05_BETA01 AND LATER

*UPDATE 12/2017- New Feature:Quick Call II (2-tone over P25)Configuration- [CLICK HERE FOR TUTORIAL](#)

Logging In

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



The screenshot shows the login interface for the G Series Pre-Programming Software. It features a green background with a logo in the top left corner. The title "G Series Pre-Programming Software" is displayed at the top. Below the title, there are two input fields: "User Name:" with the text "admin" and "Password:" with "*****". At the bottom, there are two buttons: "Login" and "Cancel".

G Series Pre-Programming Software

User Name: admin

Password: *****

Login Cancel

The Home Screen

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

The screenshot shows the 'G Series PPS' software interface. At the top, there is a header bar with the Unication logo, website URL, version (V0.3.5 Beta05), user (admin), and connected devices (0). A 'Customer Support' section provides contact information: Phone: +1 817 303 9320 (USA), Fax: +1 817 886 3424 (USA), Email: sales@unication.com. An 'About' button is also present.

The main content area features a 'Welcome to G Series PPS' heading. Below this, there are sections for 'Welcome', 'Version', 'For Pager Model', and 'Lastest Programmed Profiles'. The 'Lastest Programmed Profiles' section contains a table with the following data:

#	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

On the left side, there is a vertical navigation menu with seven tabs labeled A through G: 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, and G Programming Log.

In the bottom right corner, there is an image of a Unication G4 pager device. The device screen displays the time 07:06, signal strength, and battery level. The menu options visible on the screen are: Main Menu (1/2), Pager Message Box, Function Status, Function Setting, Voice Memo, All Band Scan, Play, Lock, and Delete.

Tab A: User Guide

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

The screenshot displays the G Series PPS software interface. The window title is "G_Series_PPS_V00-03-05_Beta05". The top navigation bar includes the Unication logo, website URL (www.unication.com), and several status boxes: Version (V0.3.5 Beta05), User (admin), Connected Devices (0), and Customer Support (Phone: +1 817 303 9320 (USA), Fax: +1 817 886 3424 (USA), Email: sales@unication.com). A left sidebar contains seven menu items 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. The main content area shows a tree view under "User Guide" with items: 1. Introduction to PPS, 2. Setting Manual, and 3. PPS Features. The "Introduction to PPS" section is expanded, showing "1-1. Overview" and "1-2. Basic Layout". The "Overview" section includes a welcome message and a list of 7 functions. The "Basic Layout" section describes the software's components and includes a list of 6 items for the Logo Bar and 7 items for the Function Bar. A small inset image shows a thumbnail of the software interface.

1. Introduction to PPS

1-1. Overview

Welcome of using Unication G Series Pre-Programming Software which belongs to Unication's pager series products, this PPS has to coordinate with these products to setup its parameters and it's a programming tool. There are 7 functions.

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

1-2. Basic Layout

The basic layout of PPS consists of Logo Bar, Function Bar and Main Page.

- Logo Bar
 1. Logo and Unication home page
 2. Version – The version of PPS software
 3. Login user
 4. Connected device
 5. Customer support
 6. Others about the PPS
- Function Bar
 1. User Guide
 2. Setting
 3. Create Profile for User Group
 4. View/Edit Existing Profile
 5. Program from Existing Profile
 6. Profile Import/Export
 7. Programming Log

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 URL "www.unication.com", and several status boxes: "Version V0.3.5 Beta05", "User admin", "Connected Devices 0", and "Customer Support" with contact information. A sidebar on the left contains menu items A through G. The main content area is titled "Setting >> User Name and Password Setting" and features a "User List" table with the following data:

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

At the bottom of the interface, there are buttons for "Add", "Edit", "Delete", and "Back".

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.



Unication G Series PPS
www.unication.com

Version: V0.3.5 Beta05 | User: admin | Connected Devices: 0 | Customer Support: +1 817 303 9320 (USA)

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

Latest 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 shows 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 URL, and status boxes for Version (V0.3.5 Beta05), User (admin), Connected Devices (0), and Customer Support (Phone: +1 817 303 9320 (USA), Fax: +1 817 886 3424 (USA), Email: sales@unication.com). The left sidebar contains menu items: 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, and G Programming Log. The main content area is titled 'Choose Model Number for this Profile' and features a dropdown menu with 'G5B64BF-SXVXEN1401UNI' selected. Below the dropdown, the following details are displayed:

- **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

At the bottom of the interface, there are 'Select' and 'Back' buttons.

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.

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, the product name "G Series PPS", and the website "www.unication.com". To the right of the navigation bar, there are status indicators for "Version: V0.3.5 Beta05", "User: admin", and "Connected Devices: 0". A "Customer Support" section provides contact information: Phone: +1 817 303 9320 (USA), Fax: +1 817 886 3424 (USA), and Email: sales@unication.com. An "About" button is located in the top right corner.

The main interface is divided into a left sidebar and a main content area. The sidebar contains seven tabs labeled A through G: 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, and G Programming Log. The main content area is currently displaying the "Copy from the Existing Profile" tab, which is highlighted in red. Below the tab, there is a sub-header "Create Profile for User Group >> Copy from the Existing Profile" and a table with the following data:

#	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-SXXVEN1500UNI	700/800 (763-776, 851-870 MHz) + ...	2016-09-22 15:51	2016-09-22 16:16
3	ADAM BFD PAGER	G5B64BF-SXXVEN1401UNI	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-SXXVEN1401UNI	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-SXXVEN1401UNI	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-SXXVEN1401UNI	700/800 (763-776, 851-870 MHz) + ...	2016-08-31 16:44	2016-08-31 16:52
12	Cools Springs	G5B64BF-SXXVEN1401UNI	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-SXXVEN1401UNI	700/800 (763-776, 851-870 MHz) + ...	2016-08-18 09:28	2016-10-07 09:43
17	FDL City Demo	G5B64BF-SXXVEN1401UNI	700/800 (763-776, 851-870 MHz) + ...	2016-08-11 16:26	2016-08-18 09:15
18	Black Rock FD	G5B64BF-SXXVEN1401UNI	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

At the bottom of the interface, there is a "Copy" button and a "Back" button.

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 software interface. The window title is "G_Series_PPS_V00-03-05_Beta05". The interface includes a top navigation bar with the following sections:

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

The main navigation pane on the left contains the following tabs:

- 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

The sub-navigation pane on the right contains the following tabs:

- C1 Create New Profile
- C2 Copy from the Existing Profile
- C3 Read Profile from Device (highlighted in red)

The main content area shows a breadcrumb trail: "Create Profile for User Group >> Read Profile from Device". Below this is a table with the following data:

No	Model	Pager ID	MSN
1	G4	User-001	AG5V620022

At the bottom of the interface, there is a "Read Device" button and a "Back" button.

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: +1 817 303 9320 (USA)
 Fax: +1 817 896 3424 (USA)
 Email: sales@unication.com

Unication www.unication.com [Detail](#) [About](#)

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 16:32	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	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 software interface. The title bar reads "G_Series_PPS_V00-03-05_Beta05". The top navigation bar includes the Unication logo, website URL, version "V0.3.5 Beta05", user "admin", and "1" connected devices. A "Detail" button is visible next to the device count. Customer support contact information is also present.

The main content area is titled "Profile Detail Report" and is divided into 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
 - Expandable "Detail" button

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	KSP04BSheprvl	460.41250	12.5
5	KSP04BLuVill	453.95000	12.5
6	KSP04BMrgntn	453.38750	12.5
7	KSP04BCvprt	460.08750	12.5
8	KSP04AEtown	453.48750	12.5
9	KSP04ACnstne	460.05000	12.5
10	KSP04AEkron	453.61250	12.5
11	KSP04ASheprvl	453.18750	12.5
12	KSP04ALuVill	453.85000	12.5
13	KSP04AMrgntn	453.87500	12.5
14	KSP04ACvprt	453.26250	12.5
15	KSP04KystFG3	453.30000	12.5
16	KSP04KystFG9	453.90000	12.5
 - 2-2 P25 Trunking System**

The bottom of the interface features 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.



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 URL, version (V0.3.5 Beta05), user (admin), connected devices (1), and customer support information. A sidebar on the left contains menu items A through G, with F (Profile Import/Export) highlighted in red. Internal tabs F1 (Import Profile) and F2 (Export Profile) are visible. The main content area features a "Welcome to G Series PPS" message, followed by sections for Welcome, Version (V0.3.5 Beta05), For Pager Model (G2, G4, G5), and Lastest Programmed Profiles. A table lists two profiles: CAMARCS and JASPER FD DEMO. A Unication G4 pager is shown in the bottom right corner.

#	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

Tab G: Programming Log

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

The screenshot displays the 'G Series PPS' software interface. At the top, the window title is 'G_Series_PPS_V00-03-05_Beta05'. The header bar includes the 'Unication' logo, the website 'www.unication.com', and several status boxes: 'Version V0.3.5 Beta05', 'User admin', 'Connected Devices 1', and 'Customer Support' with contact information. A left sidebar contains navigation buttons labeled A through G. The main area is titled 'Programming Log' and features search filters for 'Programming Time' (set to Friday, October 07, 2016) and 'Operator'. Below the filters is a table with four columns: 'Programming Date', 'Operater', 'Profile Name', and 'MSN'. The table contains four rows of data. At the bottom, there are 'Clear' and 'Back' buttons.

Programming Date	Operater	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



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.

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, the website 'www.unication.com', and a status bar with 'Version: V0.3.5 Beta05', 'User: admin', and 'Connected Devices: 1'. A 'Customer Support' section provides contact information: Phone: +1 817 303 9320 (USA), Fax: +1 817 898 3424 (USA), and Email: sales@unication.com.

The left sidebar contains a vertical menu of options labeled A through G:

- 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

On the right side of the sidebar, there are three red buttons labeled C1, C2, and C3:

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

The main content area is titled 'Choose Model Number for this Profile'. It features a dropdown menu for 'Model Number' set to 'G5B64BF-SXVXEN1401UNI'. Below this, the following specifications are listed:

- 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

A 'Query' dialog box is displayed in the center, asking: 'Are you sure to use model number G5B64BF-SXVXEN1401UNI for this profile?'. It has 'Yes' and 'No' buttons.

At the bottom of the interface, there is a 'Select' button on the left and a 'Back' button on the right.

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.

G Series PPS
www.unication.com

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

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

1 User Group Information Setting

Model Number Information

- 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

User Group Information Setting

- Profile ID: 093
- User Group Name: Sample093
- User Group Introduction:
- Created Date: Friday , October 07, 2016

Parameter Description

- Profile ID**
 - Definition**
PPS allows users to create multiple radio user group profiles. Those profiles need to be separated by different IDs.
 - Note**
The organization IDs are generated automatically by internal PPS and does not require to set the parameters or copied to the device.
- User Group Name**
 - 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 14 characters. Valid characters are alphanumerics, spaces and special characters.
 - Warning**
An empty string cannot be used for a name.
- 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
- Created Date**
 - Definition**
Date of establishment of this profile.

Program | Save | Next | Quit

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.

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 URL, version (V0.3.5 Beta05), user (admin), connected devices (1), and customer support contact information. The main interface is divided into several sections:

- Left Panel:** A vertical menu with icons and labels: 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, and G Programming Log.
- Top Navigation:** "Create Profile for User Group >> Create New Profile >> Frequency & System Setting".
- Header Tabs:** "Conventional Frequency Setting" (active) and "P25 Trunking System Setting".
- Main Content Area:** A "Conventional Frequency List" table with columns: No., Frequency Alias, Rx Frequency (MHz), and Rx Bandwidth (KHz). The table contains one entry: No. 1, Frequency Alias "Frequency 1", Rx Frequency "763.00000", and Rx Bandwidth "12.5".
- Right Panel:** "Parameter Description" section with details for "Frequency Alias" and "RX Frequency (MHz)".
- Bottom Panel:** "Program" button, "Save" button, "Next" button, and "Quit" button.

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:
 - VHF: 136 - 174MHz
 - UHF A: 330 - 400MHz
 - UHF B: 380 - 430MHz
 - UHF C: 400 - 470MHz
 - UHF D: 450 - 520MHz
 - 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:**
 - 12.5KHz (Default)
 - 25KHz
 - 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 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. The title bar reads 'G_Series_PPS_V00-03-05_Beta05'. The top navigation bar includes the Unication logo, website URL, version 'V0.3.5 Beta05', user 'admin', and '1' connected device. A 'Customer Support' section provides contact information. The main interface is divided into several sections:

- Left Navigation Panel:** Contains 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'. To the right of these are three red buttons: 'C1 Create New Profile', 'C2 Copy from the Existing Profile', and 'C3 Read Profile from Device'.
- Central Workspace:** Shows a breadcrumb trail: 'Create Profile for User Group >> Create New Profile >> Frequency & System Setting'. Below this are two tabs: 'Conventional Frequency Setting' (active) and 'P25 Trunking System Setting'. A 'Conventional Frequency List' table is displayed with the following data:

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

Buttons for 'New' and 'Delete' are located above the table. A vertical list of numbered settings (1-10) is on the right side of the workspace.
- Right Panel:** Titled 'Parameter Description', it provides details for 'Frequency Alias' and 'RX Frequency (MHz)'. The 'RX Frequency (MHz)' section is highlighted in yellow and lists frequency ranges for various bands: VHF (136-174MHz), UHF A (330-400MHz), UHF B (380-430MHz), UHF C (400-470MHz), UHF D (450-520MHz), and 700/800 (763-776MHz and 851-870MHz).

At the bottom of the interface are buttons for 'Program', 'Save', 'Next', and 'Quit'.

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' software interface. The top bar includes the version 'V0.3.5 Beta05', user 'admin', and 'Connected Devices' count '1'. A 'Customer Support' section provides contact information. The main navigation pane on the left contains buttons for 'User Guide', 'Setting', 'Create Profile for User Group', 'View/Edit Existing Profile', 'Program from Existing Profile', 'Profile Import/Export', and 'Programming Log'. The central area 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'. The 'P25 Trunking System Setting' tab is active, showing a 'P25 Trunking System List' with a table containing one entry: System No. 1, System Alias 'MARCS', WACN ID 'BEE00', System ID '348', Site Trunking disabled, Site List 'Site:1', Control CH List 'Control CH:2', and Full Spectrum 'Disabled'. A vertical toolbar on the right lists 10 steps: 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, and 10. Profile Detail Report. The bottom of the interface has 'Program', 'Save', 'Next', and 'Quit' buttons. A 'Parameter Description' pane on the right provides details for 'User Group Introduction', 'WACN ID', 'System ID', and 'Site Trunking'.

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

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.

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: 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.

The screenshot displays the 'G Series PPS' software interface. The title bar reads 'G_Series_PPS_V00-03-05_Beta04'. The top navigation bar includes the 'Unication' logo, 'www.unication.com', and several status tabs: 'Version' (V0.3.5 Beta04), 'User' (admin), 'Connected Devices' (0), and 'Customer Support' (with contact info: Phone: +1 817 303 9320 (USA), Fax: +1 817 886 3424 (USA), Email: sales@unication.com). A 'Detail' button is next to the 'Connected Devices' tab. An 'About' button is in the top right corner.

The main interface is divided into several sections:

- Left Panel:** A vertical menu with 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'. To the right of this menu are three red buttons: 'C1 Create New Profile', 'C2 Copy from the Existing Profile', and 'C3 Read Profile from Device'.
- Central Panel:** A vertical list of numbered steps: '1 User Group Information Setting', '2 Frequency & System Setting', '3 Protocol Parameter Setting' (highlighted in red), '4 Group ID Setting', '5 Zone & Channel Setting', and '6 Pager Function List Setting'. Below these steps is a 'Program' button.
- Right Panel:** The main configuration area, titled 'Protocol List Setting'. It shows a table with 3 protocols:

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

Below the table is the 'Protocol Parameter Setting' section, which includes a 'Tone Table' dropdown set to 'Motorola' and several parameters with input fields and units:

- 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

At the bottom of the right panel, there are 'Save', 'Next', and 'Quit' buttons. A 'Parameter Description' sidebar on the far right provides details for 'Protocol Type' and 'Protocol Alias'.

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.

The screenshot displays the 'G Series PPS' software interface. The title bar reads 'G_Series_PPS_V00-03-05_Beta04'. The top navigation bar includes the Unication logo, website URL 'www.unication.com', and status information: Version 'V0.3.5 Beta04', User 'admin', and Connected Devices '0'. A 'Detail' button is next to the device count. On the right, a 'Customer Support' section lists contact information: Phone: +1 817 303 9320 (USA), Fax: +1 817 886 3424 (USA), and Email: sales@unication.com. An 'About' button is also present.

The main interface is divided into several sections. On the left is a vertical menu with options: 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, and G Programming Log. The central area contains a sequence of numbered steps: 1 User Group Information Setting, 2 Frequency & System Setting, 3 Protocol Parameter Setting, 4 Group ID Setting (highlighted in red), 5 Zone & Channel Setting, and 6 Pager Function List Setting. A 'Program' button is located below these steps.

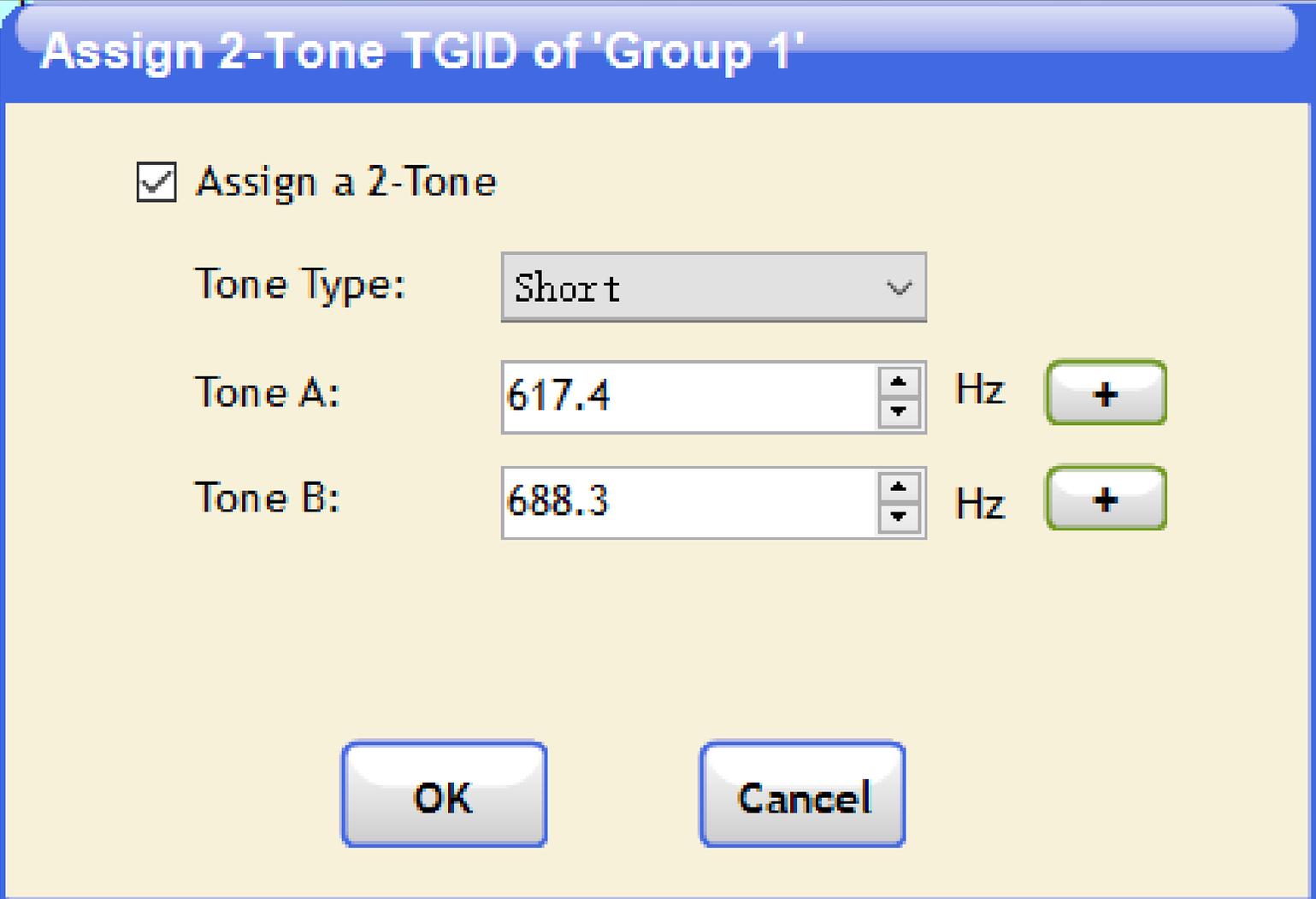
The right side of the interface shows the 'Group List' section. It includes a 'Total: 1' indicator, 'Play Tone' and 'Custom Tone Setting' buttons, and 'New' and 'Delete' buttons. Below this is a table with the following data:

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

At the bottom of the interface, there are 'Save', 'Next', and 'Quit' buttons.

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.



Assign 2-Tone TGID of 'Group 1'

Assign a 2-Tone

Tone Type: Short

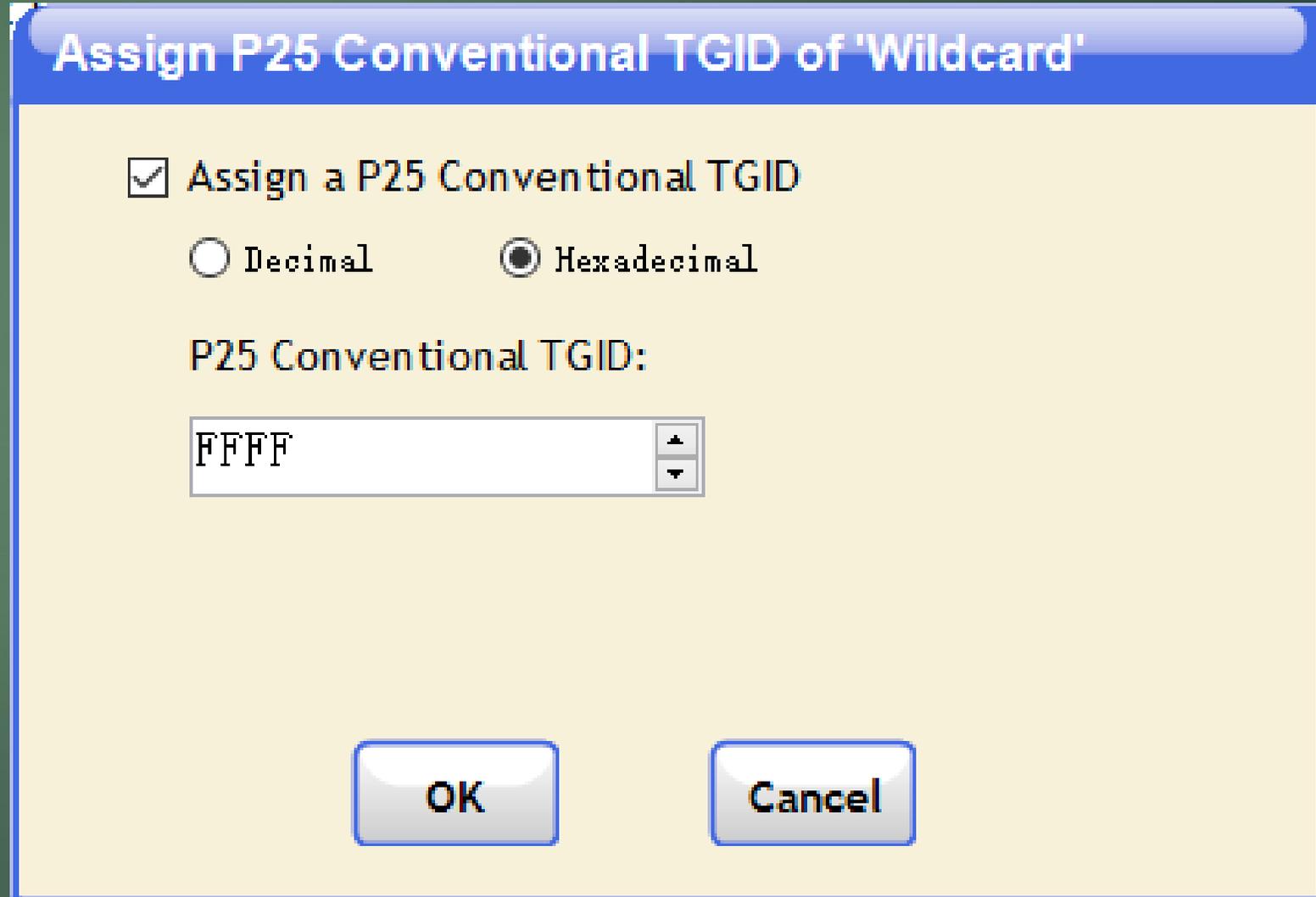
Tone A: 617.4 Hz +

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 dialog box with a blue title bar and a yellow background. The title bar contains the text "Assign P25 Conventional TGID of 'Wildcard'". Inside the dialog, there is a checked checkbox labeled "Assign a P25 Conventional TGID". Below this, there are two radio buttons: "Decimal" (unselected) and "Hexadecimal" (selected). Underneath the radio buttons, the text "P25 Conventional TGID:" is followed by a text input field containing the value "FFFF". To the right of the input field are two small arrow buttons for scrolling. 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

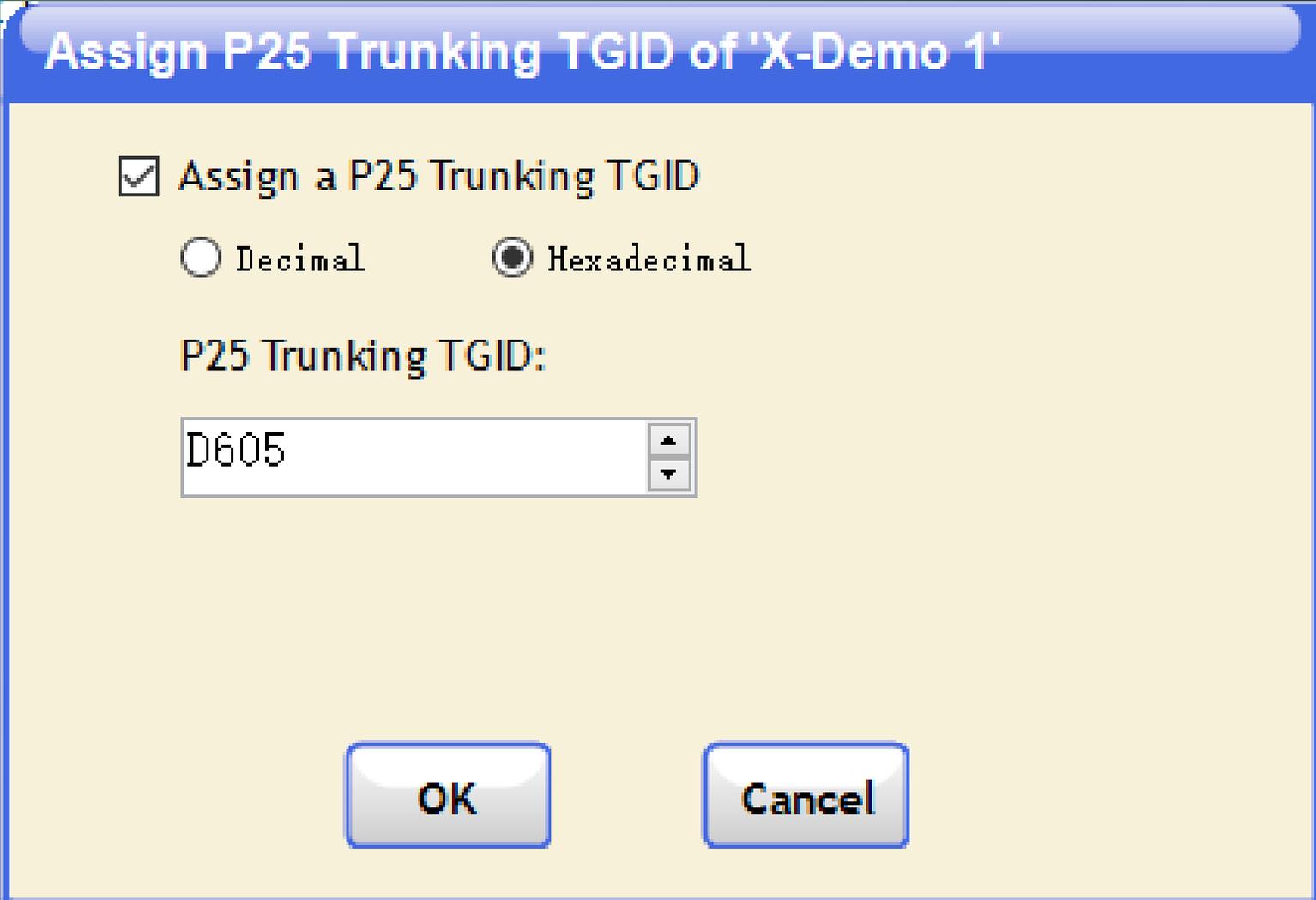
P25 Conventional TGID:

FFFF

OK Cancel

Tab 4C: P25T TGID

This window is presented when entering a P25T TGID.



The image shows a dialog box titled "Assign P25 Trunking TGID of 'X-Demo 1'". The dialog has a light yellow background and a blue title bar. It contains the following elements:

- A checked checkbox labeled "Assign a P25 Trunking TGID".
- Two radio buttons: "Decimal" (unselected) and "Hexadecimal" (selected).
- A label "P25 Trunking TGID:" followed by a text input field containing the value "D605".
- Two buttons at the bottom: "OK" and "Cancel".

Tab 4: Group ID Settings

These are my finalized setting yours will be different.

The screenshot shows the 'G Series PPS' software interface. The title bar reads 'G_Series_PPS_V00-03-05_Beta04'. The top navigation bar includes the Unication logo, website 'www.unication.com', and status information: Version 'V0.3.5 Beta04', User 'admin', and Connected Devices '0'. A 'Customer Support' section provides contact details: Phone: +1 817 303 9320 (USA), Fax: +1 817 886 3424 (USA), Email: sales@unication.com. An 'About' button is also present.

The main interface is divided into several sections:

- Left Sidebar:** Contains menu items 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 Navigation Pane:** Shows a sequence of steps: 1. User Group Information Setting, 2. Frequency & System Setting, 3. Protocol Parameter Setting, 4. Group ID Setting (highlighted in red), 5. Zone & Channel Setting, and 6. Pager Function List Setting.
- Main Area:** Displays the 'Group List' for 'Create Profile for User Group >> Create New Profile >> Group ID Setting'. It shows a table with 3 groups and buttons for 'Play Tone', 'Custom Tone Setting', 'New', and 'Delete'.

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)

At the bottom, there are buttons for 'Program', 'Save', 'Next', and 'Quit'.

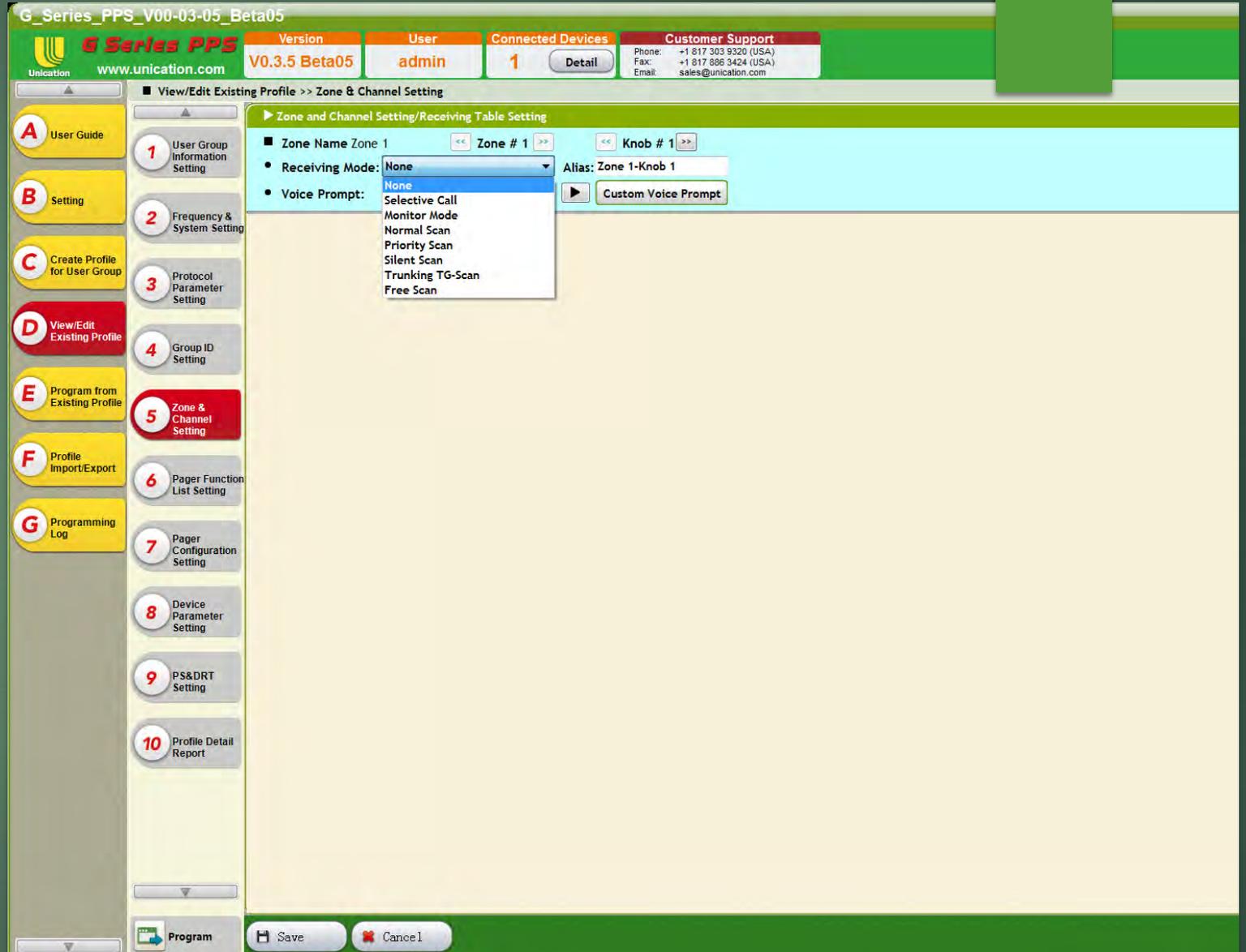
Knob Positions

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

The screenshot displays the 'G Series PPS' software interface. At the top, the version is 'V0.3.5 Beta05', the user is 'admin', and there are 0 connected devices. The 'Customer Support' section provides contact information for the USA. The main navigation menu on the left includes options like 'User Guide', 'Setting', 'Create Profile for User Group', 'View/Edit Existing Profile', 'Program from Existing Profile', 'Profile Import/Export', and 'Programming Log'. The 'View/Edit Existing Profile' option is selected, leading to the 'Zone & Channel Setting' page. This page features a numbered list of settings (1-10) on the left, with 'Zone & Channel Setting' (5) highlighted. The main content area shows configuration for 'Zone 1', including 'Zone Name', 'Receiving Mode' (set to None), 'Voice Prompt' (set to None), and an 'Alias' field containing 'Zone 1-Knob 1'. A 'Custom Voice Prompt' button is also visible. At the bottom, there are 'Program', 'Save', and 'Cancel' buttons.

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
- Compander: 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	Priority
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

The screenshot displays the 'G Series PPS' software interface for configuring a profile. The top navigation bar includes the version 'V0.3.5 Beta05', the user 'admin', and '0' connected devices. The main content area is titled 'View/Edit Existing Profile >> Zone & Channel Setting'. A sidebar on the left contains a menu with 10 numbered items, with item 5, 'Zone & Channel Setting', highlighted in red. The main configuration area is divided into several sections:

- Zone and Channel Setting/Receiving Table Setting:** Includes 'Zone Name Zone 1', 'Receiving Mode' set to 'Monitor Mode', 'Voice Prompt' set to 'Monitor Mode', and 'Alias: Zone 1-Knob 1'.
- Knob - Conventional Channel Setting:** Includes 'Conventional Frequency' set to 'Fire F1 (154.41500MHz / 12.5KHz)', 'Protocol Setting' (Protocol Type: 2-Tone, Protocol Alias: Protocol 2), and 'CTCSS / CDCSS for Analog' (Squelch Type: None).
- Channel Receive Option:** Includes 'Rx De-emphasis' (Yes), 'Compander' (No), 'Audio Squelch' (Low), and 'Repeater Mode (Digital)' (Enable).
- Knob - Function Setting:** Includes '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), and 'Voice Buffering' (Disable).
- Knob - Talk Group List:** A table with columns for Group Alias (TGID), Enable, None, Off Duty, and Priority. The first row shows '2 tone (617.4,688.3)' with 'Enable' checked and 'None' selected.

At the bottom of the interface, there are 'Program', 'Save', and 'Cancel' buttons.

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: +1 817 303 9320 (USA)

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
 - Componder: 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

No	Group Alias (TGID)	Enable	None	Off Duty	Priority
2	Wildcard (65535)	<input checked="" type="checkbox"/>	<input 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. At the top, the title bar reads 'G_Series_PPS_V00-03-05_Beta05'. Below this, a navigation bar includes the 'Unication' logo, the website 'www.unication.com', and status information: 'Version V0.3.5 Beta05', 'User admin', 'Connected Devices 0', and 'Customer Support' with contact details. The main window is titled 'View/Edit Existing Profile >> Zone & Channel Setting'. On the left, a vertical menu contains buttons labeled A through G, with 'D View/Edit Existing Profile' and '5 Zone & Channel Setting' highlighted. The central area shows the 'Zone and Channel Setting/Receiving Table Setting' for 'Zone Name Zone 1', 'Zone # 1', and 'Knob # 4'. It includes settings for 'Receiving Mode' (Normal Scan), 'Voice Prompt' (Normal Scan), and 'Scan List' (Z1/P1 Zone 1-Knob 1, Z1/P2 Zone 1-Knob 2, Z1/P3 Zone 1-Knob 3). Below this are 'Knob - Scan List Setting' and 'Knob - Function Setting' sections, with the latter showing '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). At the bottom, there are 'Program', 'Save', and 'Cancel' buttons.

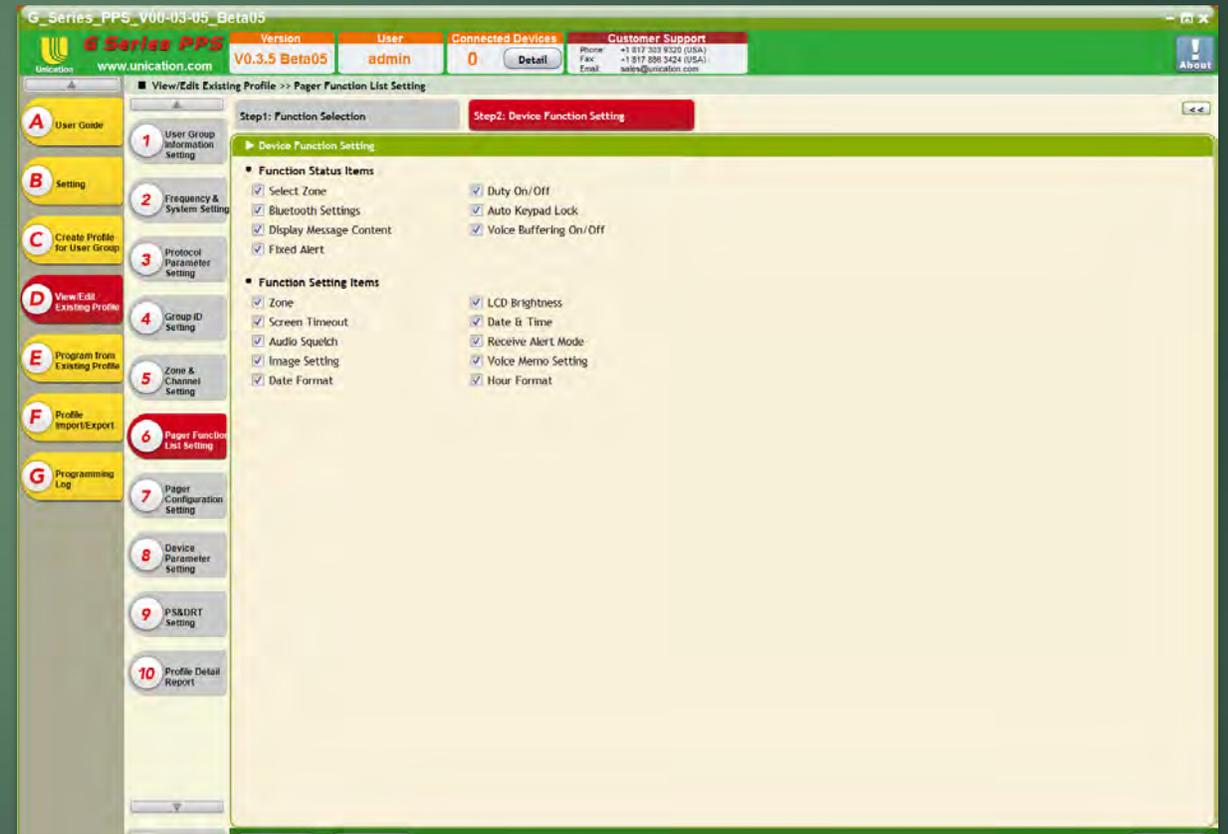
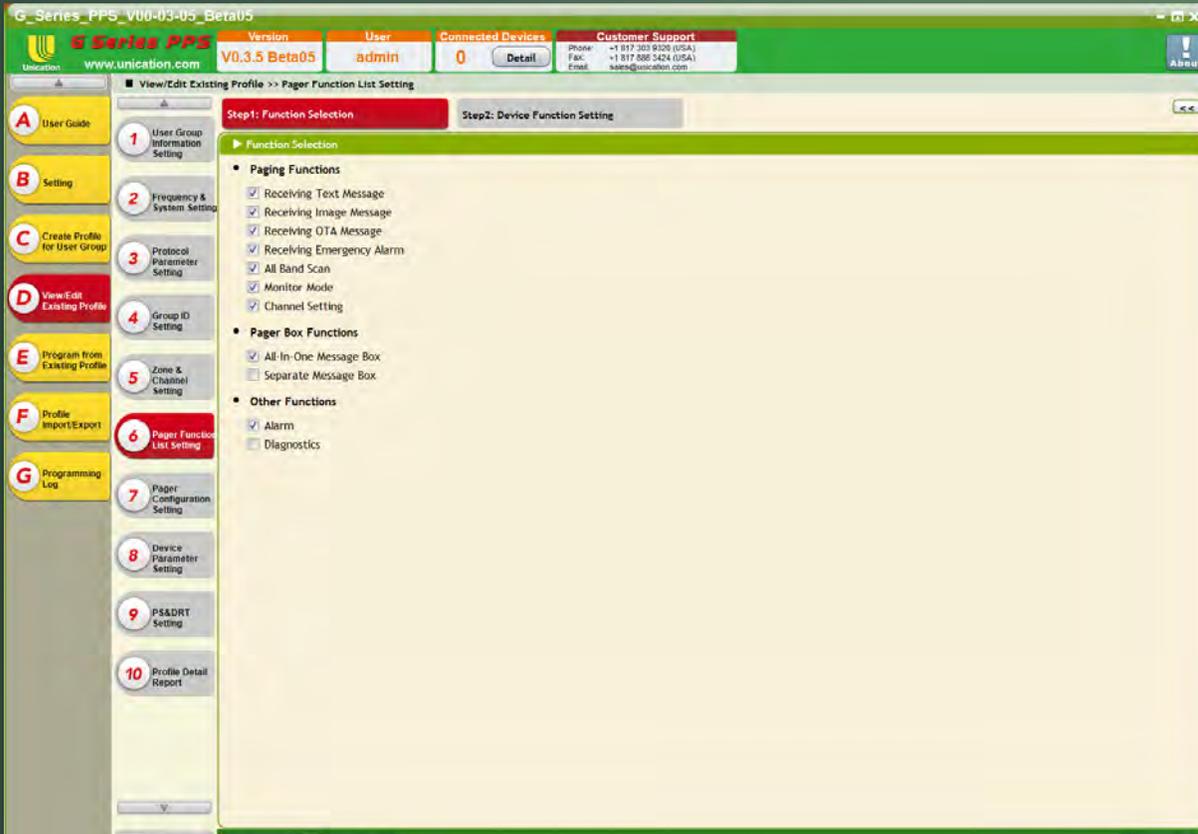
Setting up a Trunking TG-Scan Knob Position

- ▶ 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)

The screenshot displays the 'G Series PPS' software interface. At the top, the title bar reads 'G_Series_PPS_V00-03-05_Beta05'. The header includes the Unication logo, website 'www.unication.com', and user information: 'Version V0.3.5 Beta05', 'User admin', 'Connected Devices 0', and 'Customer Support' with contact details. A left sidebar contains navigation buttons labeled A through G. The main content area is titled 'View/Edit Existing Profile >> Zone & Channel Setting'. A numbered list of steps (1-10) is visible, with step 5, 'Zone & Channel Setting', highlighted in red. The configuration page is divided into sections: 'Zone and Channel Setting/Receiving Table Setting' (Zone Name: Zone 1, Receiving Mode: Trunking TG-Scan, Voice Prompt: Trunking TG Normal Scan), 'Knob - Trunking System Setting' (P25 Trunking System: MARCS (BEE00 / 348, Sites:1, Control CHs:2)), 'Knob - Function Setting' (Audio Squelch: Low, Push to Listen: No, Voice Storage: Enable, Alert Mode: Tone Only, Voice Buffering: Enable), and 'Knob - Talk Group List' (Available list is empty, List Members includes 'x-demo 1 (54789)', Priority Talk Group ID Option, Multi-Select Call Sampling, and Announcement Group(ATG) ID: DEC 0). At the bottom, there are 'Program', 'Save', and 'Cancel' buttons.

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' configuration software interface. At the top, the title bar reads 'G_Series_PPS_V00-03-05_Beta05'. Below this, a navigation bar includes 'Version: V0.3.5 Beta05', 'User: admin', 'Connected Devices: 0', and 'Customer Support' contact information. The main window is titled 'View/Edit Existing Profile >> Pager Configuration Setting'. On the left, a vertical menu lists 10 numbered options, with '7 Pager Configuration Setting' highlighted in red. The main content area is divided into several sections: 'General Setting' (selected), '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 Unread Message Reminder Alert and Remind Interval), 'Receiving Alert Mode Setting' (with 2-Tone Alert Duration Type, 2-Tone Alert Fixed Duration, 5-Tone/MDC Alert Duration, and Digital Alert Duration), 'Priority Alert Setting' (with Priority Alert Tone), 'Tone Volume Setting' (with Receiving Alert Tone Volume and Notification Tone Volume), 'Duty Status Setting' (with Default Duty Status and Do Not Record Off Duty Message), and 'Auto Keypad Lock Setting' (with Default Auto Keypad Lock Status). On the right, a 'Parameter Description' help box is open for the 'Out Of Range Timer' setting, providing a definition, range (Maximum: 999s, Minimum: 0, Increment: 1s, Default: 20s), and other details. The bottom of the interface features a 'Program' button, 'Save', 'Next', and 'Quit' buttons, along with a Windows taskbar at the very bottom showing 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.

The screenshot displays the 'G Series PPS V00-03-05 Beta05' web interface. The top navigation bar includes the Unication logo, the website URL 'www.unication.com', and status information: Version 'V0.3.5 Beta05', User 'admin', and 0 Connected Devices. A 'Customer Support' section provides contact details for the USA. The main content area is titled 'View/Edit Existing Profile >> Pager Configuration Setting' and features a 'Home Screen' sub-tab. A left sidebar contains navigation buttons labeled A through G. The main configuration area is divided into three sections: 'Home Screen Setting', 'Home Screen Detail - Selective Call / Monitor Mode', and 'Home Screen Detail - Normal / Priority / Silent Scan'. Each section includes a 'Home Screen Item List' and a 'Home Screen Display Item' list with 'Add >>' and '<< Remove' buttons. The 'Home Screen Detail - Normal / Priority / Silent Scan' section is currently active, showing a list of display items including 'User Group Name', 'Receive Mode', 'Stay Time', 'Alert Mode', 'Scan List', 'Receive Group', 'Audio Squelch Level', and 'Reset Mode'. A 'Program' button is located at the bottom left, and 'Save' and 'Next' buttons are at the bottom center.

Tab 8: Profile Detail Report

► Performs the same function as Tab E Detail Button.

The screenshot displays the 'G Series PPS' software interface. At the top, there is a navigation bar with the following information: Version: V0.3.5 Beta01, User: admin, Connected Devices: 0, and Customer Support contact details (Phone: +1 817 303 9320 (USA), Fax: +1 817 886 3424 (USA), Email: sales@unication.com). The main title is 'View/Edit Existing Profile >> Profile Detail Report'. The left sidebar contains a menu with 8 numbered items, with item 8 'Profile Detail Report' highlighted in red. The main content area is titled 'Profile Detail Report' and 'Detail Report'. It is organized into sections: 1. User Group Information Setting, 2. Frequency & System Setting, 3. Protocol Parameter Setting, and 4. Group ID Setting. Section 1-1 Model No. Information lists: 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. Section 1-2 User Group Information lists: User Group Name: Pager Training, User Group Introduction: , Created Date: 9/14/2016. Section 2-1 Conventional Frequency shows Total: 15 with a '+Detail' button. Section 2-2 P25 Trunking System shows Total: 4 with a '+Detail' button. Section 3 Protocol Parameter Setting shows Total: 3 with a '+Detail' button. Section 4-1 Group List shows Total: 95 and contains a table with 8 columns: No., Group Name, Alert Tone, Voice Storage, 2-Tone, P25C GID, P25T GID, and Relay. The table lists 4 groups: PGTST1, PGTST2, DEMOPG1, and DEMOPG2.

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)	170 s

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.

The screenshot shows the 'G Series PPS' software interface. The title bar reads 'G_Series_PPS_V00-03-05_Beta01'. The top navigation bar includes 'Version: V0.3.5 Beta01', 'User: admin', 'Connected Devices: 1', and 'Customer Support' information. The main window is titled 'View/Edit Existing Profile >> Program'. On the left, a sidebar contains menu items A through G, with 'G Programming Log' selected. The main area displays 'Programming' settings for a profile named 'Pager Training'. It includes a table for 'Profile Information' and a table for 'Programming Pager'.

No	User Group Name	Profile Model	Band	Created Time	Modified Time
1	Pager Training	G4B64BF-SXXXEN1401UNI	700/800 (763~776, 851~870 MHz)	2016-09-14 09:32	2016-10-10 12:15

No	Pager Model	MSN
1	G5B64BF-SXXVEN1400UNI-0001-160202	AG5V620022

