AIPHONE®

GT SERIES

Multi-Tenant Entry Security

Quick Start Installation Guide



ATTENTION:

This is an abbreviated Installation Manual, addressing wiring and programming of the GT Series. The complete GT Series Installation Manual is supplied with the GT-BC Bus Control Unit. If installing a digital entry system, the program for loading names and numbers for each tenant can be downloaded from www.aiphone.net.

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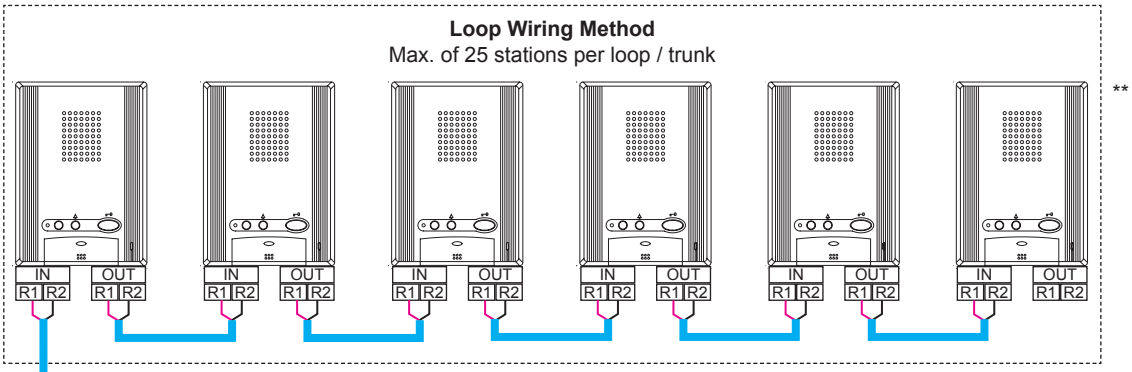
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STANDARD SYSTEM WIRING: AUDIO ONLY



Max. wire distance from distribution point to any tenant is 980'.
Max. cumulative wire distance is 8200'.
Refer to the GT Series Installation Manual for complete wire distance information.

WIRE TYPE

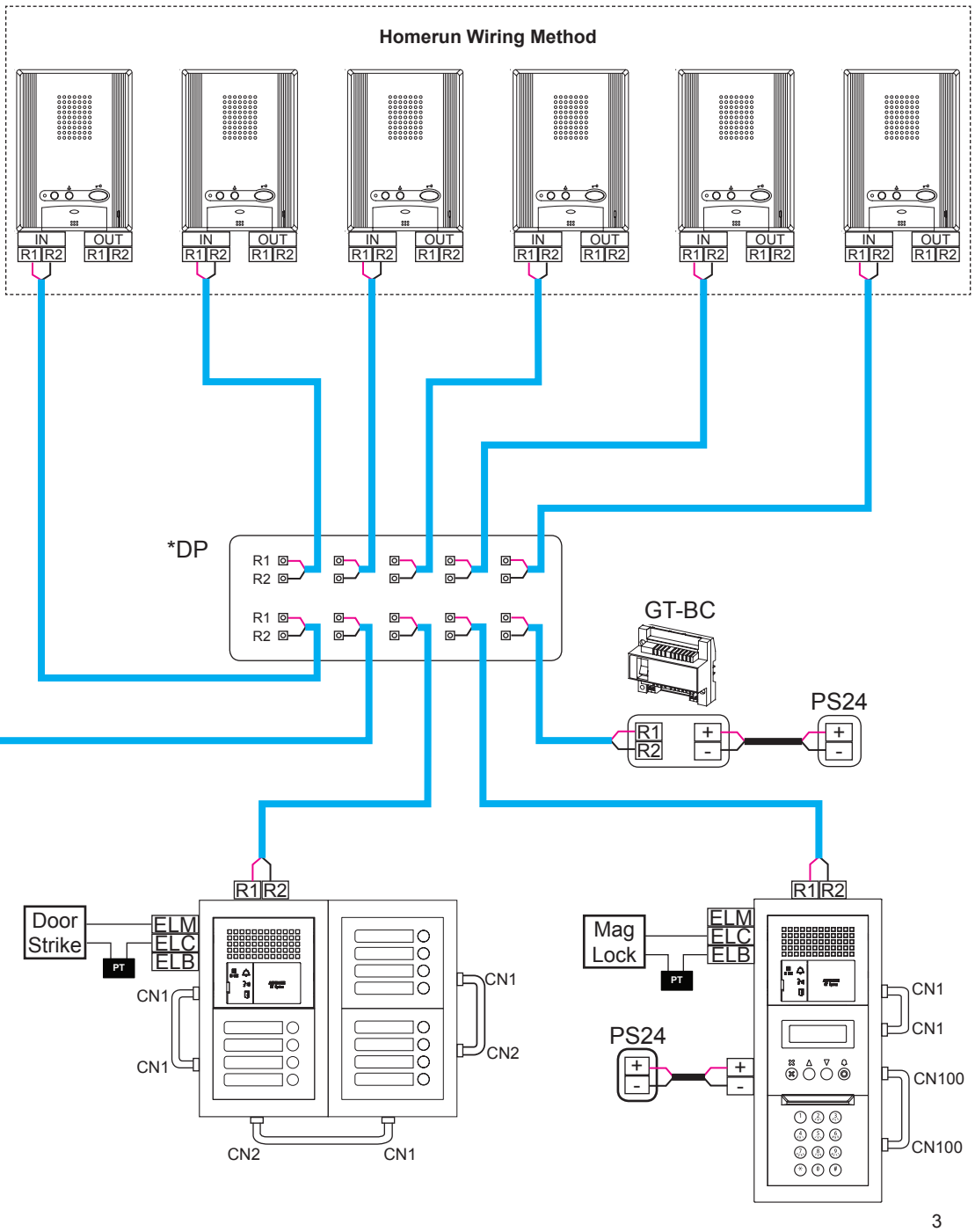
20AWG 2 Cond.
Solid Non Shielded
PE Insulated

18AWG 2 Cond.
Solid Non Shielded
PE Insulated

POWER

PS24
PS-2420UL
PS-2420
PS-2420S
PS-2420D

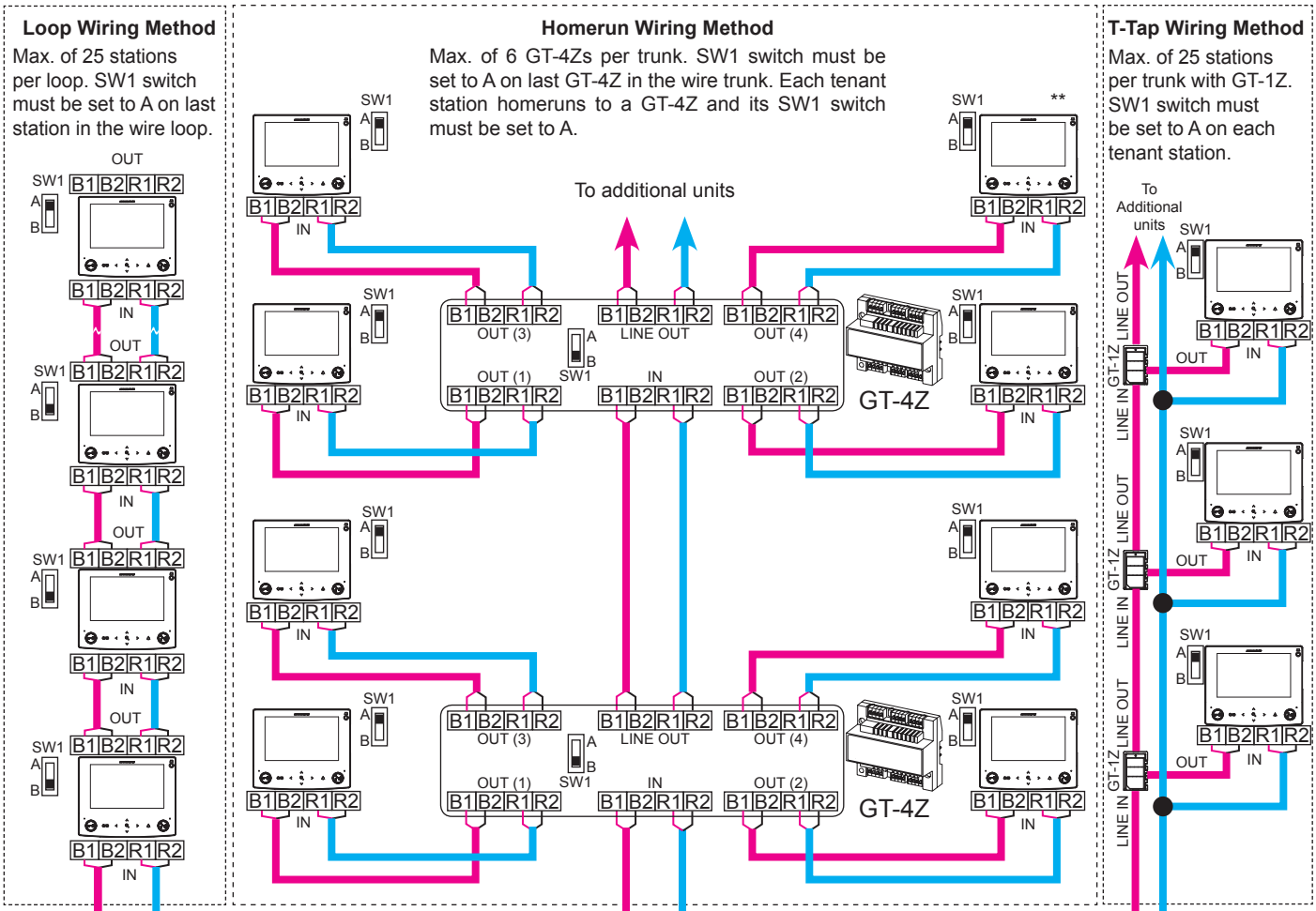
PT
Power Transformer
(Use proper power for the Strike or Mag Lock being used.)

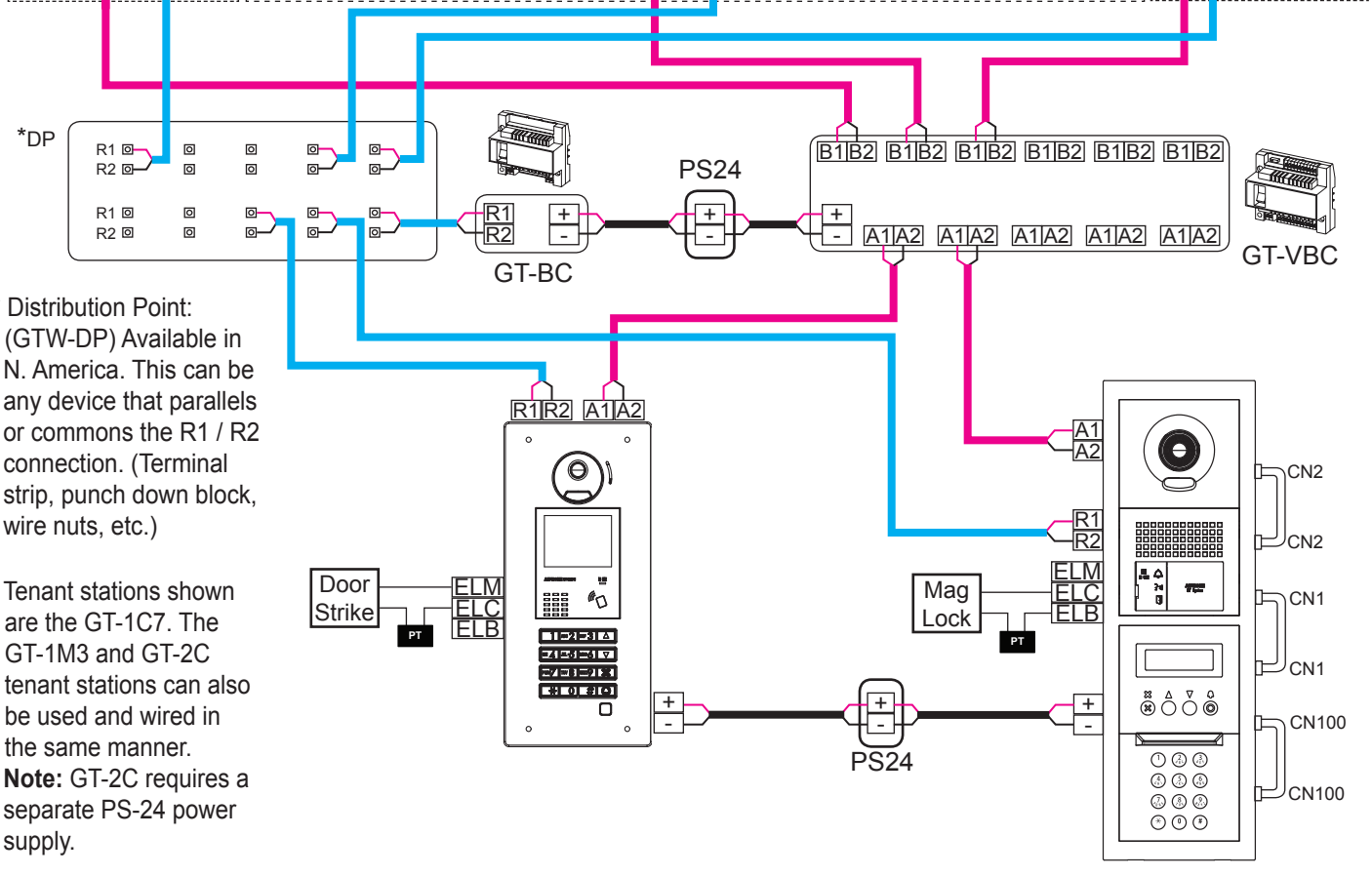


* Distribution Point:
(GTW-DP) Available in N. America. This can be any device that parallels or commons the R1 / R2 connection. (Terminal strip, punch down block, wire nuts, etc.)

**Tenant stations shown are the GT-1A. The GT-1D tenant stations can also be used and wired in the same manner.

STANDARD SYSTEM WIRING: AUDIO / VIDEO

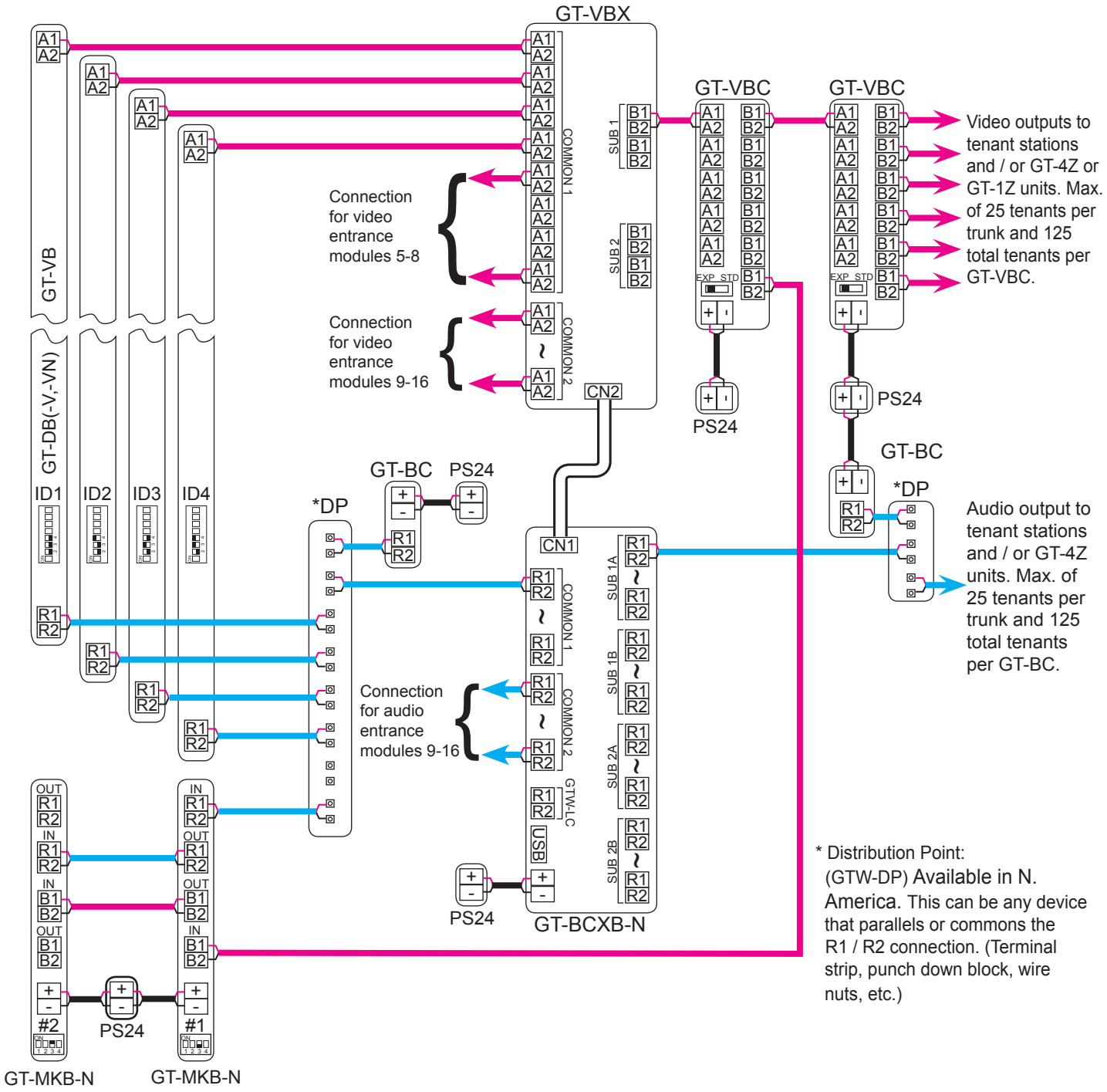




* Distribution Point: (GTW-DP) Available in N. America. This can be any device that parallels or commons the R1 / R2 connection. (Terminal strip, punch down block, wire nuts, etc.)

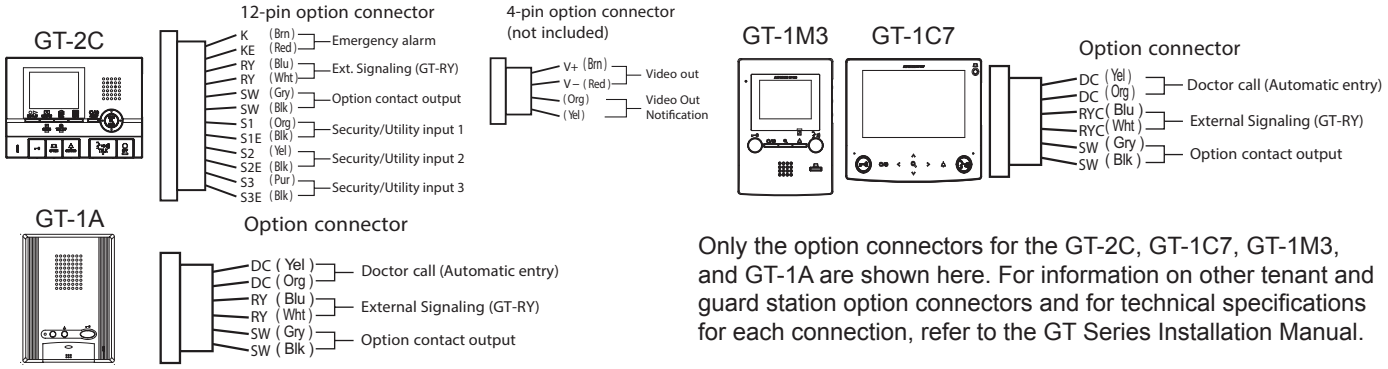
** Tenant stations shown are the GT-1C7. The GT-1M3 and GT-2C tenant stations can also be used and wired in the same manner.
Note: GT-2C requires a separate PS-24 power supply.

EXPANDED SYSTEM WIRING



* Distribution Point: (GTW-DP) Available in N. America. This can be any device that parallels or commons the R1 / R2 connection. (Terminal strip, punch down block, wire nuts, etc.)

OPTION CONNECTOR WIRING: TENANT STATIONS

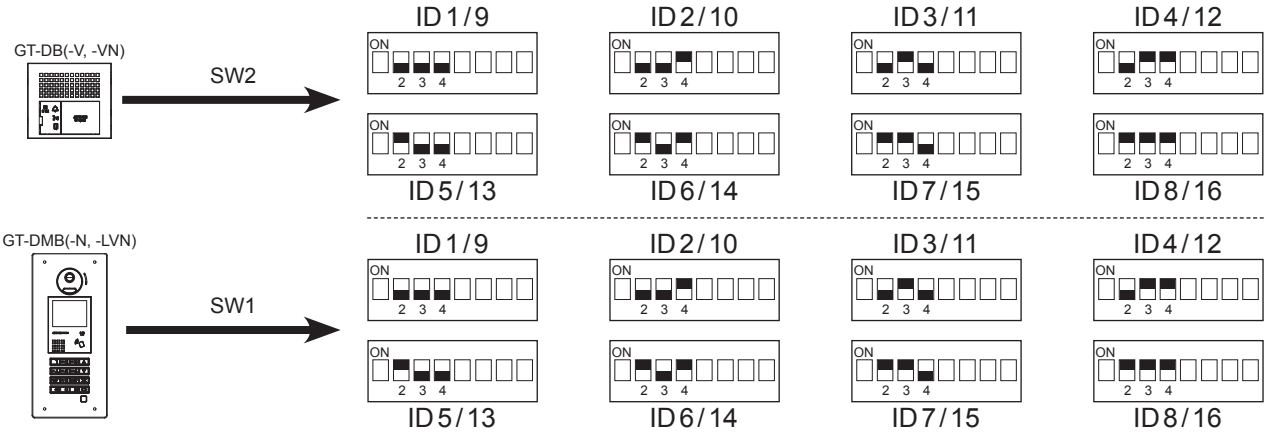


Only the option connectors for the GT-2C, GT-1C7, GT-1M3, and GT-1A are shown here. For information on other tenant and guard station option connectors and for technical specifications for each connection, refer to the GT Series Installation Manual.

DIP SWITCH SETTINGS: ENTRANCE & GUARD STATION ID SETTINGS

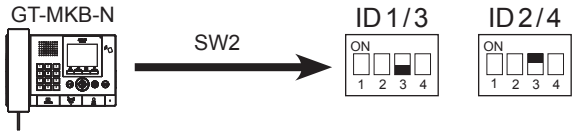
Entrance ID Setting:

Use **SW2** on the GT-DB(-V, -VN) module or **SW1** on the GT-DMB(-N, -LVN) entrance station to set the ID for each entry panel. Switches 2 - 4 are used for this setting.



Guard ID Setting:

Use **SW2** on the GT-MKB-N guard station to set the ID setting for each guard. Switch 3 is used for this setting.



DIP SWITCH SETTINGS: ENTRANCE STATION

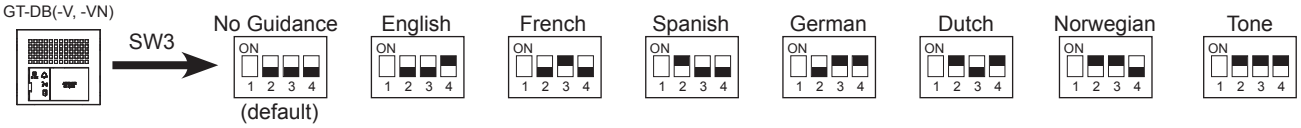
NOTE:

When using the GT-DMB(-N, -LVN), the settings listed below will be done via the keypad / display while in programming mode. Refer to the GT Series Installation Manual for instructions.

Make sure power is removed from the system before making any dip switch changes.

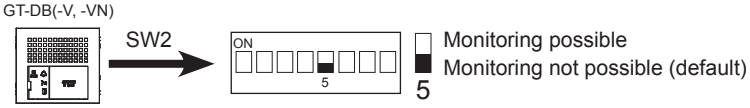
Guidance Language Setting:

The audio guidance is set to off (No Guidance) by default. Use **SW3** on the GT-DB(-V, -VN) module to set the appropriate language. Only switches 2, 3, & 4 are used for this setting.



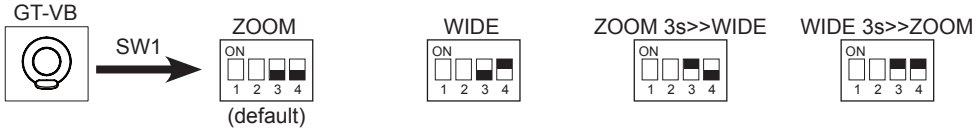
Entrance Monitoring:

Use switch 5 of **SW2** on the GT-DB(-V, -VN) module to enable / disable entrance monitoring. Default is “Monitoring not possible.” Enabling will allow video tenant stations to ‘call up’ the entrance station and monitor the door area.



Camera View:

Use switches 3 & 4 of **SW1** on the GT-VB module to set the camera view. The default setting is Zoom.
Zoom 3s>>Wide: Image starts zoomed and after 3 seconds goes wide.
Wide 3s>>Zoom: Image starts wide and after 3 seconds zooms.



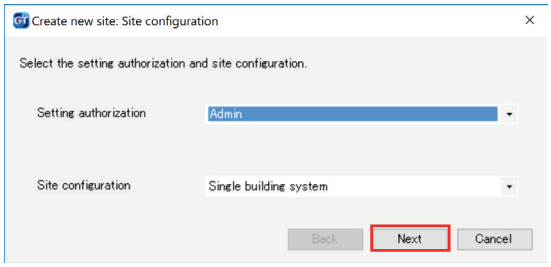
PROGRAMMING: ENTERING TENANT INFORMATION

The GT-DMB(-N, -LVN), GT-MKB-N, and modular digital entrance stations must be programmed with the resident's information before tenant stations can be addressed. The resident's information can be entered using the keypad or by using the GT Setup Tool software.

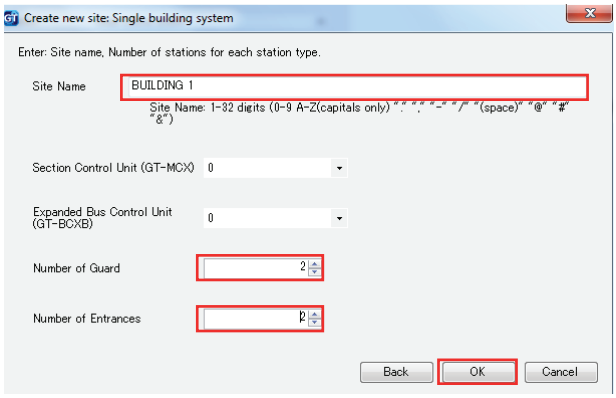
Programming entrance stations using the GT Setup Tool on Windows

Step 1: Open the GT Setup Tool and click the **Create new site** radio button. If already in the program, under File, select Create new site(N).

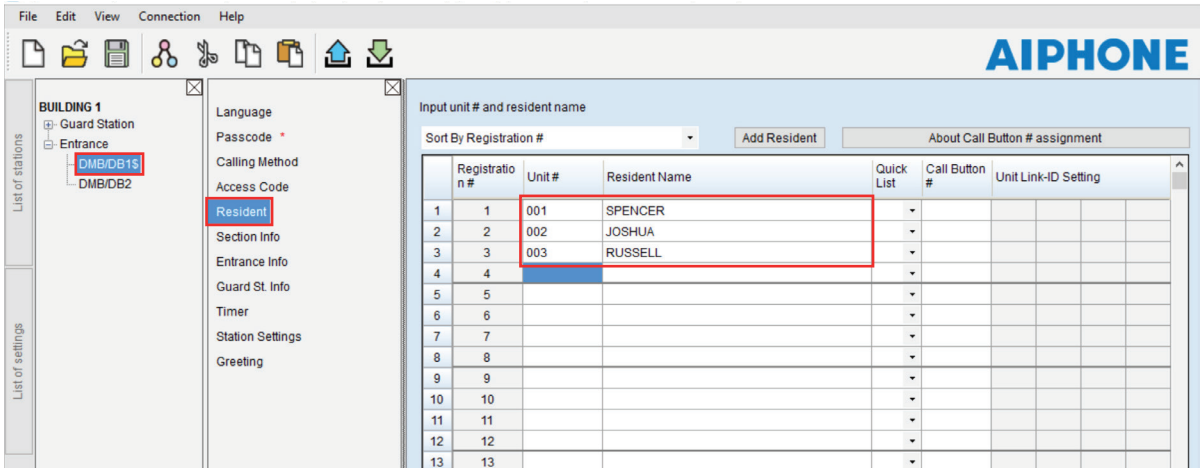
Step 2: Leave the standard options as shown, then click **Next**.



Step 3: Enter a **Site Name** and indicate if **GT-MCX** or **GT-BCXB** will be used. From the drop down menu, select the **Number of Guards** and the **Number of Entrances**, then click **OK** .



Step 4: Click the + Entrance to show all entrance stations, then select the door station to program. Click **Resident**. Enter a **Unit #** (required) and **Resident Name** (not required, but must type in all Caps).
If using the GT-SW, enter the **Call Button #**.



Step 5: Click Save, and then **Yes**.

PROGRAMMING: ADDRESSING TENANTS VIA DIP SWITCH METHOD

Use the dip switch method of programming shown below when installing the GT-1C7, GT-1M3, or GT-2C. When installing the GT-1A or GT-1D, use the handshake method shown on pages 14-15. If using a mix of stations that allow for dip switch settings (GT-1C7, GT-1M3, and GT-2C) and stations that do not (GT-1A, GT-1D), it is recommended to program all stations using the handshake method.

Step 1: Create an ID correlation table for the tenant stations using a binary / SW2 Dip Switch - ID chart. The chart below is for up to 48 stations in a non-expanded system. Refer to the full chart on pages 23 and 24 for the dip switch settings for an expanded system.

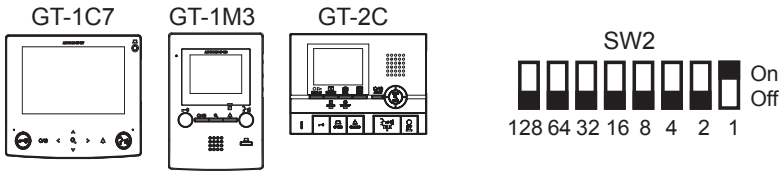
Dip Switch	ID
	S1
	S2
	S3
	S4
	S5
	S6
	S7
	S8
	S9
	S10
	S11
	S12

Dip Switch	ID
	S13
	S14
	S15
	S16
	S17
	S18
	S19
	S20
	S21
	S22
	S23
	S24

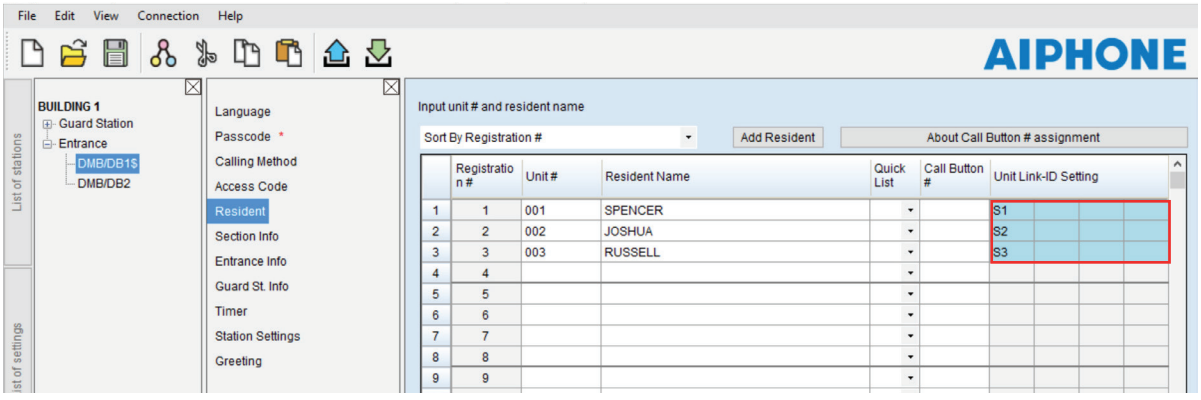
Dip Switch	ID
	S25
	S26
	S27
	S28
	S29
	S30
	S31
	S32
	S33
	S34
	S35
	S36

Dip Switch	ID
	S37
	S38
	S39
	S40
	S41
	S42
	S43
	S44
	S45
	S46
	S47
	S48

Step 2: Set the SW2 dip switches found on the back of the GT-1C7, GT-1M3, and GT-2C according to the correlation table created in the previous step.



Step 3: Enter the ID from the correlation table in Step 1 into the Unit Link-ID Setting for each station.

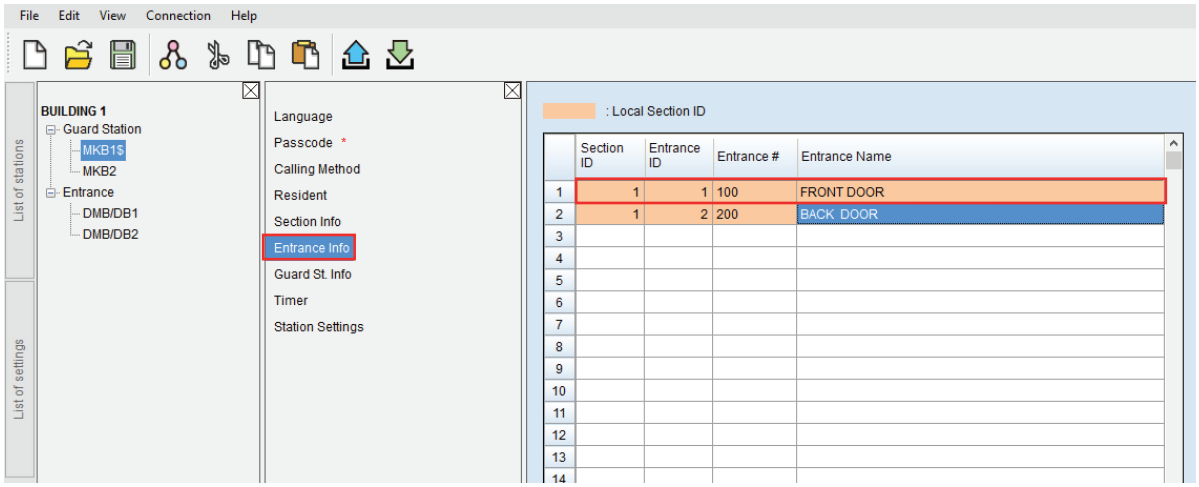


Step 4: Click Save, and then **Yes**.

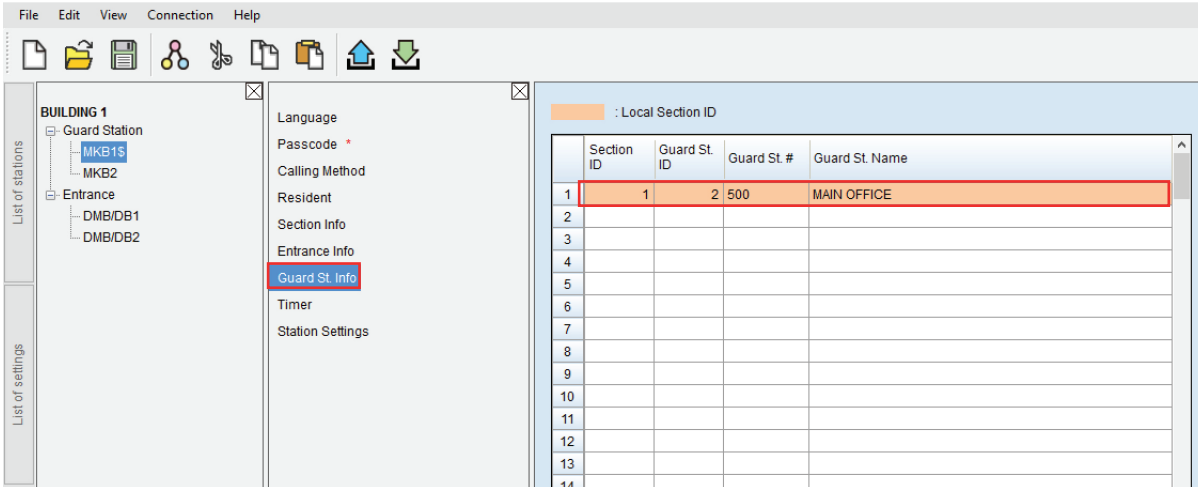
PROGRAMMING: ENTERING GUARD STATION AND ENTRANCE STATION INFORMATION

Programming Guard/Entrance Information

Step 1: Click the + Guard Station, then select the guard station to program. Click **Entrance Info**, then enter 1 for the **Section ID.** Enter the **Entrance ID** (1-16), **Entrance #,** and **Entrance Name** (not required).



Step 2: Click **Guard St Info**, then enter 1 for the **Section ID**. Enter the **Guard St. ID** (1-2), **Guard St. #** and **Guard St Name** (not required) of the other guard station in the system.
Note: This step is not required if only using 1 guard station.



Step 3: Click the +Entrance ,then select an entrance station. Repeat Step 2 to enter the Guard St Info for each entrance station. Since entrance stations cannot call other entrance stations, only guard station information will be entered for the entrance station.

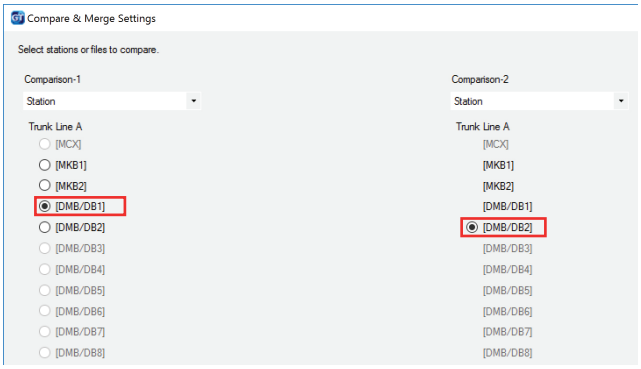
Step 4: Click Save, and then **Yes**.

PROGRAMMING: TRANSFER DATA TO OTHER GUARD/ENTRANCE STATIONS

Compare and Merge (copy data to other devices in the system)

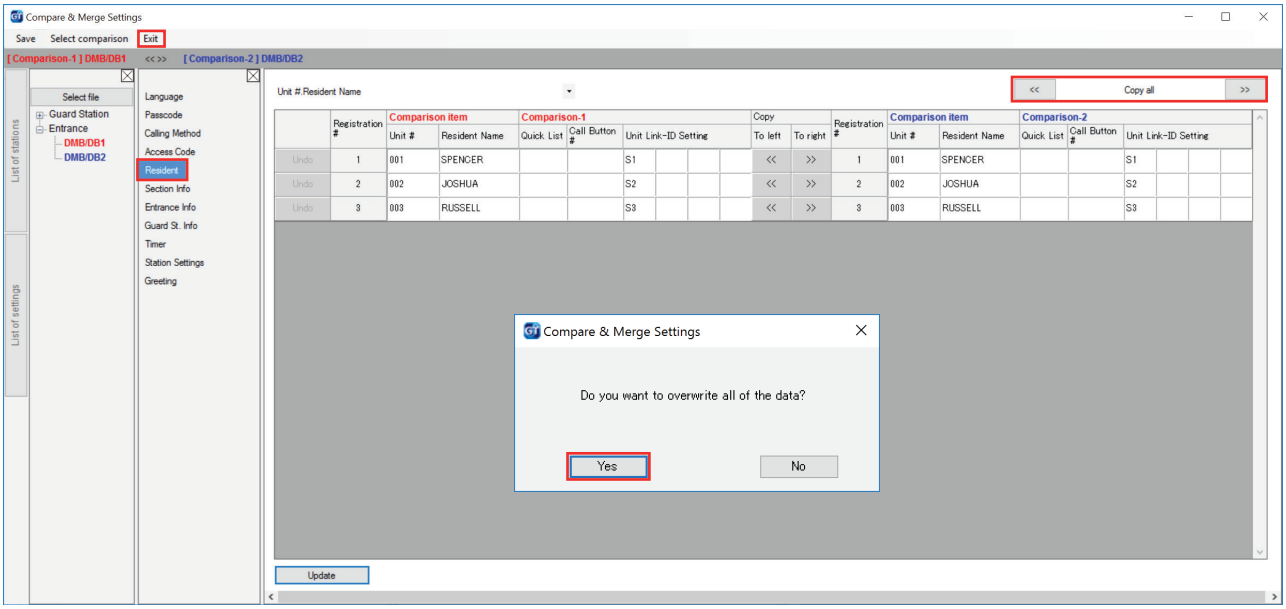
Step 1: Click **Compare and Merge Settings** to copy data to other entrance and guard stations.

Step 2: In the **Comparison-1** column, select the entrance station/guard station radio button that was programmed. In the **Comparison-2** column, select the desired entrance station/guard station that data is to be copied to. Click **Compare** .





Step 3: Click **Resident**, then click << / >> to copy the data to the new station. Click **Yes** on the **Do you want to overwrite all of the data?** popup. Click **Update**.
Repeat process to copy Entrance Info and Guard Info. Click Exit when done. Repeat till the Resident information has been copied to all desired stations.

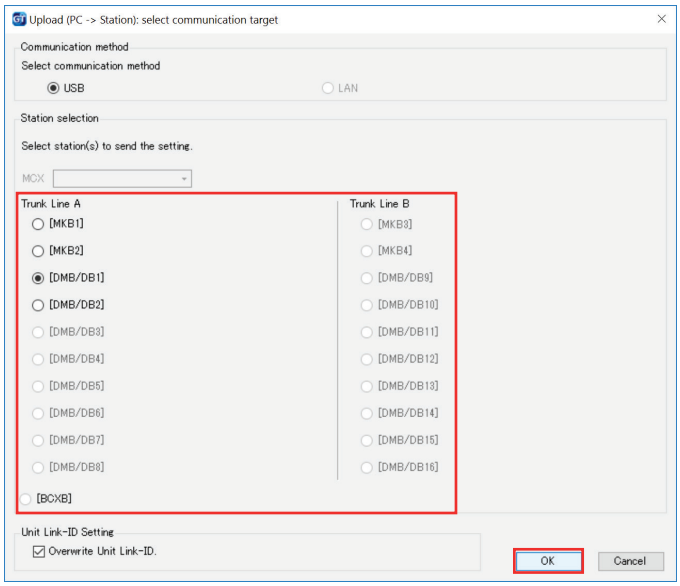


Step 4: Click Save , and then **Yes**.

PROGRAMMING: UPLOADING TO STATIONS VIA USB

Step 1: Click Upload .

Step 2: From the Upload (PC -> Station) menu, select the USB radio button. Select the desired device's radio button and click **OK**.



Step 3: Repeat for all stations.

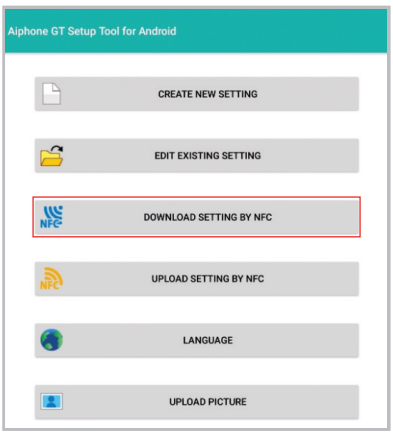
GT SETUP TOOL FOR ANDROID

The Aiphone GT Setup Tool for Android app can be used to create and upload setting files to the GT-DMB(-N, -LVN) and GT-DB-VN entrance stations as well as the GT-MKB-N video guard station. It is recommended to use the GT Support Tool for Windows for the initial setting file creation and loading to the stations, then use the app for downloading and editing the setting file when changes need to be made. The following sections will cover how the app can be used for downloading and editing the setting file, then uploading. For complete information on using the app for programming, refer to the GT SYSTEM SETTING MANUAL/Aiphone GT Setup Tool for Android.

GT SETUP TOOL FOR ANDROID: DOWNLOADING SETTINGS

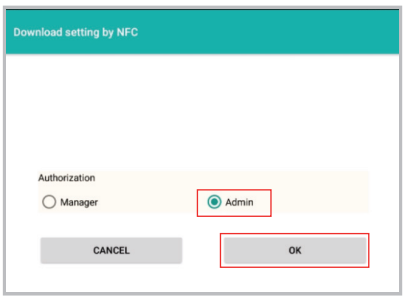
Step 1

Open the Aiphone GT Setup Tool for Android and tap DOWNLOAD SETTING BY NFC.



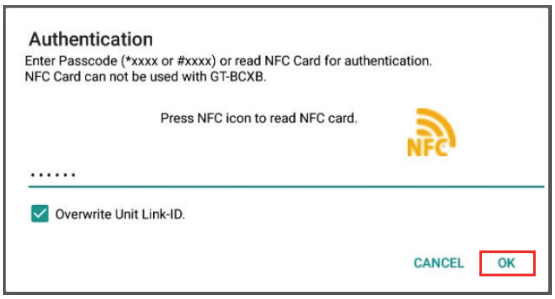
Step 2

Tap the appropriate authorization level and then tap OK.



Step 3

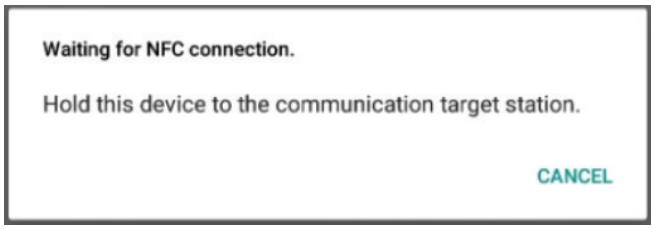
Enter the appropriate passcode (default: Admin *1111, Manager #2222). Ensure that Upload Unit Link-ID settings is checked, then tap OK.



GT SETUP TOOL FOR ANDROID: DOWNLOADING SETTINGS *(continued)*

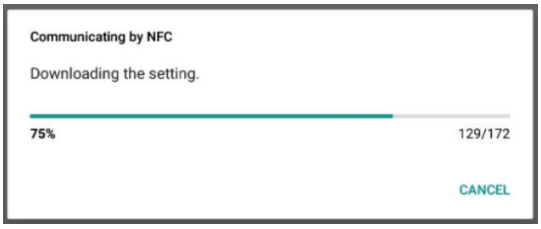
Step 4

Hold the Android device to the target station to download the settings.



Step 5

The settings will begin to download to the Android device. Continue holding device to station until complete.



Step 6

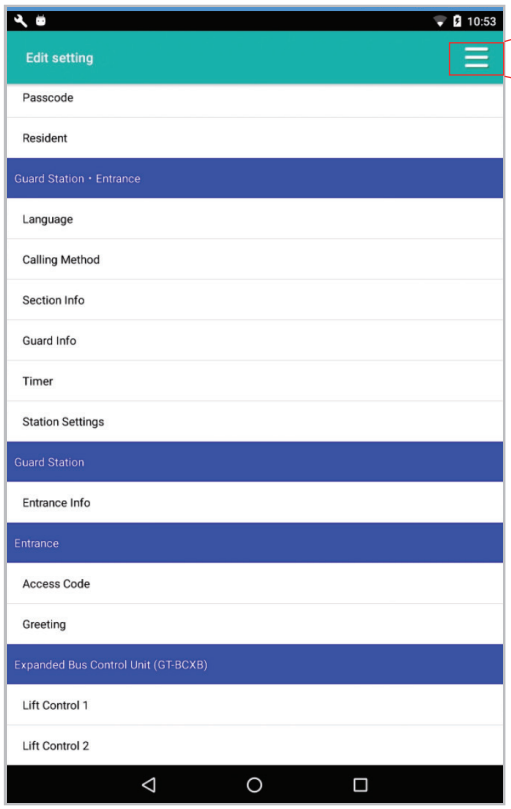
A confirmation message will appear on the Android device if the download was successful.



GT SETUP TOOL FOR ANDROID: EDITING SETTINGS

Step 1

Make the necessary edits to the downloaded setting file.



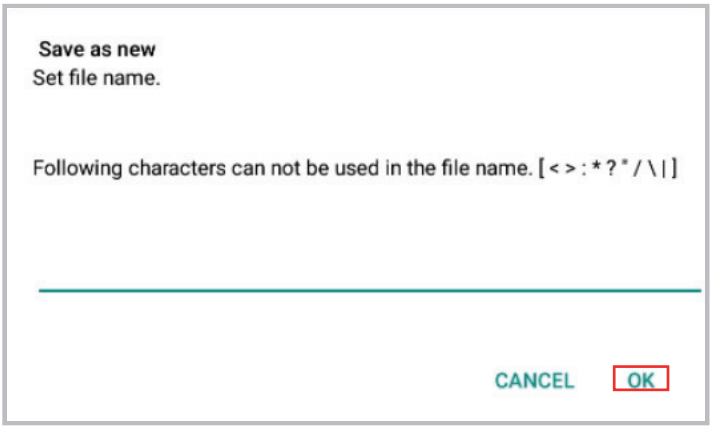
Step 2

Tap the menu button, then tap Save.



Step 3

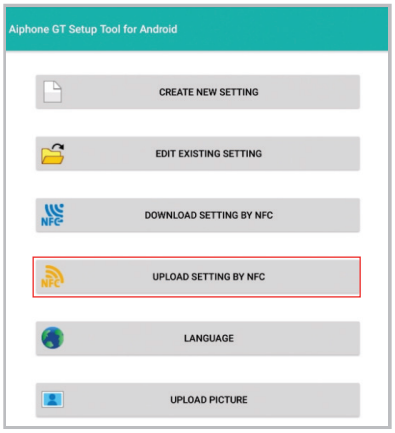
Enter a file name (i.e. Job Name) and tap OK.



GT SETUP TOOL FOR ANDROID: UPLOADING SETTINGS

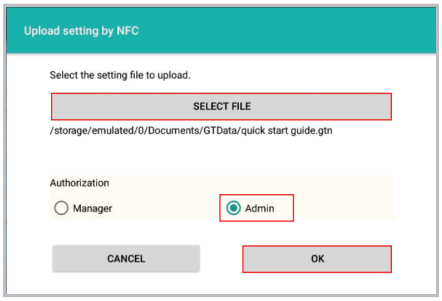
Step 1

Tap UPLOAD SETTING BY NFC.



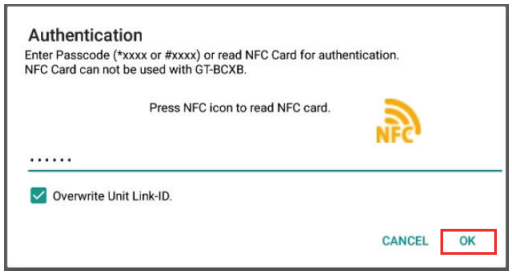
Step 2

Select the file to upload, tap the appropriate authorization level, then tap OK.



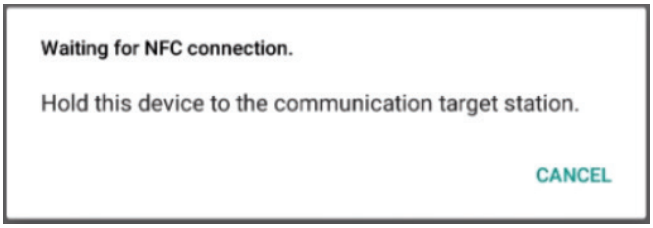
Step 3

Enter the appropriate passcode (default: Admin *1111, Manager #2222). Ensure that Upload Unit Link-ID settings is checked, then tap OK.



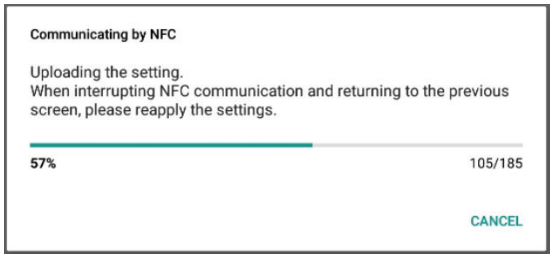
Step 4

Hold the Android device to the target station to upload the settings.



Step 5

The settings will begin to upload to the Android device. Continue holding device to station until complete.



Step 6

A confirmation message will appear on the Android device if the upload was successful.



PROGRAMMING

When programming a system that includes the GT-1A or GT-1D, use the handshake method for programming all stations in the system.

PROGRAMMING: ADDRESSING TENANTS VIA HANDSHAKE METHOD

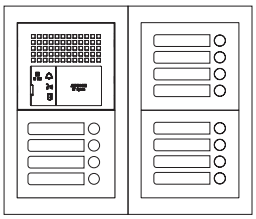
Direct Select / Push Button Entrance Station Addressing

Step 1: To enter programming mode, use a small screwdriver to push and release button under the rubber cap on the front of the GT-DB(-V, -VN) audio module. The amber LED will begin flashing, then remain steadily lit. Once lit, the entry panel is in programming mode.

Step 2: At a tenant station, push and release the **TALK** button or pick up the handset to establish communication with the entrance station in programming mode.

Step 3: Push and release the desired Call Button on the entrance station to assign the button to the tenant station that is active. A blip tone will be heard.

Do not press and hold the Call Button as doing so will clear the memory for this button.



Step 4: Turn off or hang up tenant station (GT-1A/GT-1C7/GT-1M3: Push **TALK** again, GT-2C: Push **OFF**).

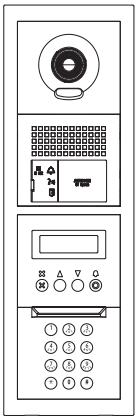
Step 5: Repeat steps 2-4 for remaining tenant stations.

Step 6: To exit programming, push the button under the rubber cap on the GT-DB(-V, -VN) audio module again and the amber LED will turn off. The system is now ready for use.

GT Digital Display Entrance Station Addressing

Step 1: Using the GT Support Tool for Windows, upload the program file to the GT-DB(-V, -VN) with the USB cable provided. Click then select the station to upload to and click **OK**.

Step 2: To enter programming, use a small screwdriver to push and release button under the rubber cap on the front of the GT-DB(-V, -VN) audio module. The amber LED will begin flashing, then remain steadily lit. Once lit, the entrance station is in programming mode. The LCD will show “CONNECTING” while in programming mode.



Step 3: At a tenant station, push and release the **TALK** button or pick up the handset to establish communication with the entrance station in programming mode.

Step 4: Scroll to the station number to be programmed or manually enter the number on the keypad. When the tenant station number is displayed, push and release the **Bell** button to assign the address to the tenant station that is active. A blip tone will be heard.

Do not press and hold the Bell button as doing so will clear the memory for this number.

Step 5: Turn off or hang up tenant station (GT-1A/GT-1C7/GT-1M3: Press **TALK** again, GT-2C: Press **OFF**).

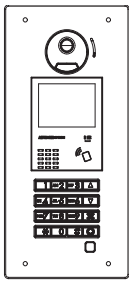
Step 6: Repeat steps 3-5 for remaining tenant stations.

Step 7: To exit programming, push the button under the rubber cap on the GT-DB(-V, -VN) audio module again and the amber LED will turn off. The system is now ready for use.

Step 8: Download the program file to the GT Support Tool from the GT-DB(-V, -VN) audio module with the USB cable provided. Click then select the station to download from and click **OK**.

Step 9: Click to save the file to the computer.

GT-DMB-N(-LVN) Entrance Station Addressing



Step 1: Using the GT Support Tool for Windows, upload the program file to the GT-DMB-N(-LVN) with the USB cable provided. Click then select the station to upload to and click **OK**.

Step 2 : While in standby mode, enter **#** plus the Admin ID code (default is *1111). Re-enter ID code.

Step 3: Use the up / down arrows and scroll to **PROGRAMMING**. Push the **Bell** button twice to enter programming mode. The amber LED will begin flashing, then remain steadily lit. Once lit, the entry panel is in programming mode. The LCD will show “CONNECTING” while in programming mode.

Step 4: At a tenant station, push and release the **TALK** button or pick up the handset to establish communication with the entrance station in programming mode.

Step 5: Scroll to the station number to be programmed or manually enter the number on the keypad. When the tenant station number is displayed, push and release the **Bell** button to assign the address to the tenant station that is active. A blip tone will be heard.

Do not press and hold the Bell button as doing so will clear the memory for this number.

Step 6: Turn off or hang up tenant station (GT-1A/GT-1C7/GT-1M3: Press **TALK** again, GT-2C: Press **OFF**).

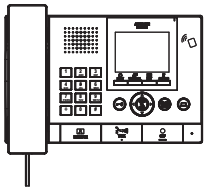
Step 7: Repeat steps 4-6 for the remaining tenant stations.

Step 8: To exit programming, press the “**X**” button twice on the panel to return to the main menu (the amber LED will turn off). Scroll to **QUIT** and press the **Bell** button. The system is now ready for use.

Step 9: Download the program file to the GT Support Tool from the GT-DMB-N(-LVN) with the USB cable provided. Click then select the station to download from and click **OK**.

Step 10: Click to save the file to the computer.

GT-MKB-N Video Guard Station Addressing



Step 1: Using the GT Support Tool for Windows, upload the program file to the GT-MKB-N with the USB cable provided. Click then select the station to upload to and click **OK**.

Step 2: While in standby mode, press Setting. Scroll down to **ADVANCED SETTINGS** and press the Zoom/Wide button.

Step 3: Use the up/down arrows and scroll to **PROGRAM MODE**. Press the Zoom/Wide button. Enter the passcode (*1111). Re-enter the passcode again.

Step 4: Scroll to **PROGRAMMING** and select **PROGRAMMING** again from the next screen.

Step 5: The screen will show **CONNECTING**. When the orange LED on the unit remains steadily lit, the unit will be in programming mode.

Step 6: At a tenant station, push and release the **TALK** button or pick up the handset to establish communication with the GT-MKB-N in programming mode.

Step 7: Scroll to the station number to be programmed or manually enter the number on the keypad. When the tenant station number is displayed, push and release the **Zoom/Wide** button to assign the address to the tenant station that is active. A blip tone will be heard.

Do not press and hold the Zoom/Wide button as doing so will clear the memory for this number.

Step 8: Turn off or hang up tenant station (GT-1A/GT-1C7/GT-1M3: Press **TALK** again, GT-2C: Press **OFF**).

Step 9: Repeat steps 6-8 for the remaining tenant stations.

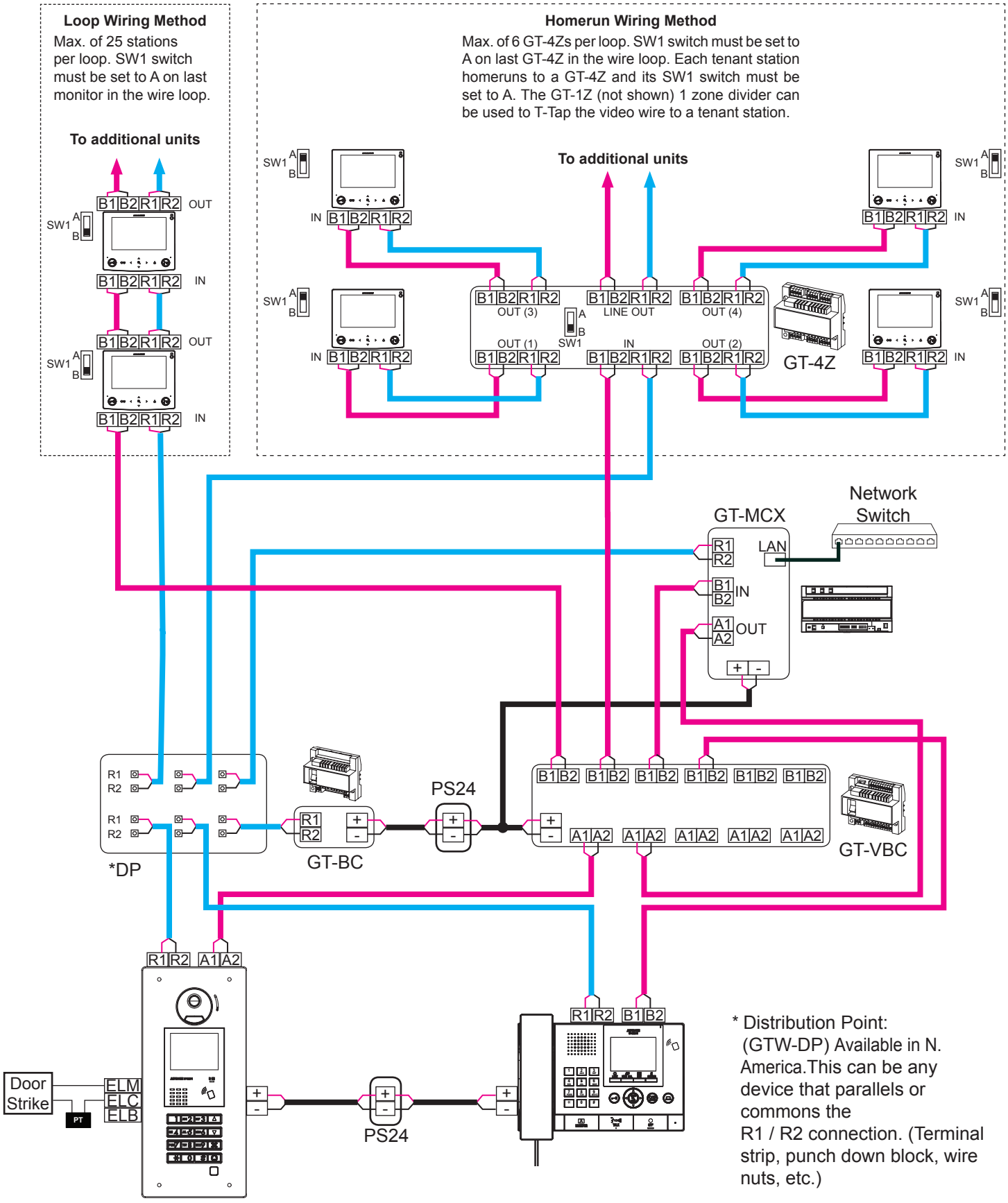
Step 10: To exit programming, press the **SETTING** button twice to return to the main menu. Scroll to **QUIT** and press the Zoom/Wide button to return to standby. The system is now ready for use.

Step 11: Download the program file to the GT Support Tool from the GT-DMB-N with the USB cable provided. Click then select the station to download from and click **OK**.

Step 12: Click to save the file to the computer.

STANDARD SYSTEM WIRING WITH GT-MCX

Including the GT-MCX will reduce the total allowable entrance stations from 5 to 4 and the total allowable guard/concierge stations from 2 to 1, but will allow multiple systems to be connected.



* Distribution Point: (GTW-DP) Available in N. America.This can be any device that parallels or commons the R1 / R2 connection. (Terminal strip, punch down block, wire nuts, etc.)

GT-MCX: Network Adaptor

The GT-MCX connects a GT system to a network, allowing multiple GT systems to be tied together. Each system now becomes known as a section and requires its own GT-MCX. There are two types of sections, the tenant section and the main section. A tenant section can contain tenant stations, entry stations, and guard stations. A main section can contain entry stations and guard stations.

The following steps in this guide cover programming for a single system with the GT-MCX network adaptor. If programming a multi-building system, please refer to the **GT MULTI BUILDING SETTING MANUAL** (sections 4-6) for complete programming instructions.

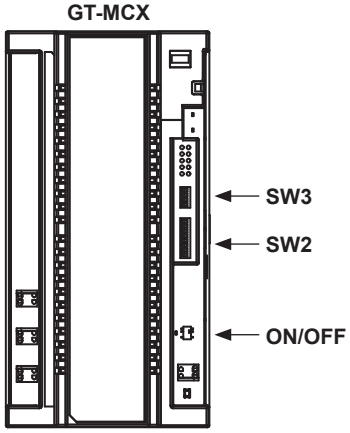
DIP SWITCH SETTINGS: GT-MCX

Each GT-MCX must be given a unique section ID and IP address by setting its SW2 dip switch. The default IP address of the GT-MCX is 192.168.1.51 for ID1 (192.168.1.50 + ID number).

Step 1: Keep the power switch OFF. Set SW3 dip switch 1 to ON (turns off DHCP).



Step 2: Set the SW2 dip switches 2-6 to the desired section ID (see chart below). The default IP address of the GT-MCX will be 192.168.1.51 for ID1 (192.168.1.50 + ID number).



ID's 1-24: Tenant Sections

Dip Switch	ID	Dip Switch	ID	Dip Switch	ID	Dip Switch	ID
1 2 3 4 5 6 7 8	1	1 2 3 4 5 6 7 8	2	1 2 3 4 5 6 7 8	3	1 2 3 4 5 6 7 8	4
1 2 3 4 5 6 7 8	5	1 2 3 4 5 6 7 8	6	1 2 3 4 5 6 7 8	7	1 2 3 4 5 6 7 8	8
1 2 3 4 5 6 7 8	9	1 2 3 4 5 6 7 8	10	1 2 3 4 5 6 7 8	11	1 2 3 4 5 6 7 8	12
1 2 3 4 5 6 7 8	13	1 2 3 4 5 6 7 8	14	1 2 3 4 5 6 7 8	15	1 2 3 4 5 6 7 8	16
1 2 3 4 5 6 7 8	17	1 2 3 4 5 6 7 8	18	1 2 3 4 5 6 7 8	19	1 2 3 4 5 6 7 8	20
1 2 3 4 5 6 7 8	21	1 2 3 4 5 6 7 8	22	1 2 3 4 5 6 7 8	23	1 2 3 4 5 6 7 8	24

ID's 25-32: Main Sections

Dip Switch	ID	Dip Switch	ID	Dip Switch	ID	Dip Switch	ID
1 2 3 4 5 6 7 8	25	1 2 3 4 5 6 7 8	26	1 2 3 4 5 6 7 8	27	1 2 3 4 5 6 7 8	28
1 2 3 4 5 6 7 8	29	1 2 3 4 5 6 7 8	30	1 2 3 4 5 6 7 8	31	1 2 3 4 5 6 7 8	32

Step 3: Set Power switch to ON.

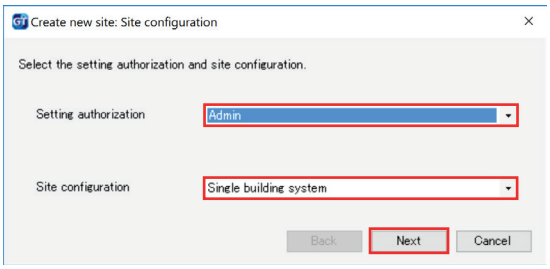
SYSTEM PROGRAMMING WITH GT-MCX

The GT-MCX, GT-DMB(-N, -LVN), GT-MKB-N, and modular digital entrance stations must be programmed with the resident's information before tenant stations can be addressed. The resident's information can be entered using the keypad or by using the GT Setup Tool software.

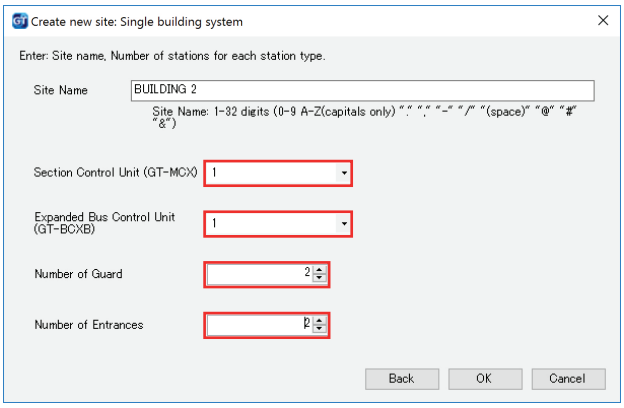
Programming entrance stations using the GT Setup Tool for Windows

Step 1: Open the GT Setup Tool and click the **Create new site** radio button. If already in the program under **File**, select **Create new site(N)**.

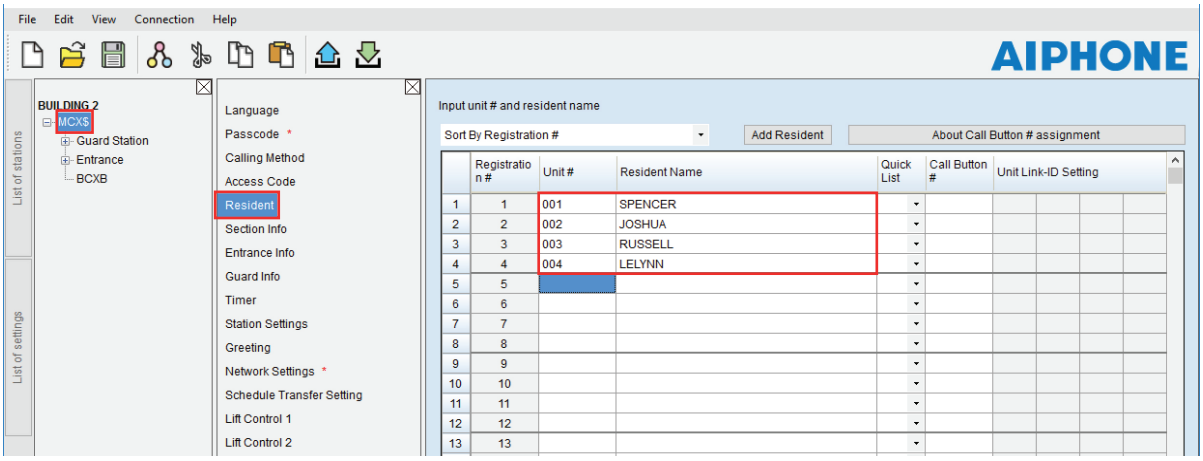
Step 2: Leave the standard options as shown, then click **Next**.



Step 3: Enter a **Site Name** and indicate if **GT-MCX** or **GT-BCXB** will be used. From the drop down menu, select the **Number of Guards** and the **Number of Entrances**. The GT-MCX will take the place of 1 Guard St. and 1 Entrance Station.



Step 4: Click the **+ MCX** and then click **Resident**. Enter a **Unit #** (required) and a **Resident Name** (not required). If using the GT-SW, enter the **Call Button #**.



Step 5: Click Save, and then **Yes**.

PROGRAMMING: ADDRESSING TENANTS VIA DIP SWITCH METHOD

Step 1: Create an ID correlation table for the tenant stations using the binary / SW2 Dip Switch - ID chart. The chart below is for the first 48 stations in a non-expanded or expanded system. Refer to the full chart on pages 23 and 24 for the dip switch settings for an expanded system.

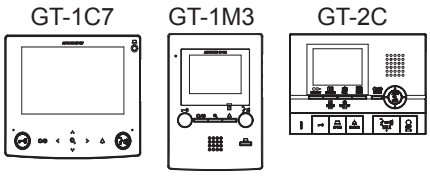
Dip Switch	ID
	S1/A1
	S2/A2
	S3/A3
	S4/A4
	S5/A5
	S6/A6
	S7/A7
	S8/A8
	S9/A9
	S10/A10
	S11/A11
	S12/A12

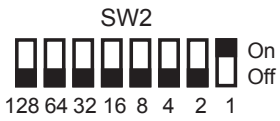
Dip Switch	ID
	S13/A13
	S14/A14
	S15/A15
	S16/A16
	S17/A17
	S18/A18
	S19/A19
	S20/A20
	S21/A21
	S22/A22
	S23/A23
	S24/A24

Dip Switch	ID
	S25/A25
	S26/A26
	S27/A27
	S28/A28
	S29/A29
	S30/A30
	S31/A31
	S32/A32
	S33/A33
	S34/A34
	S35/A35
	S36/A36

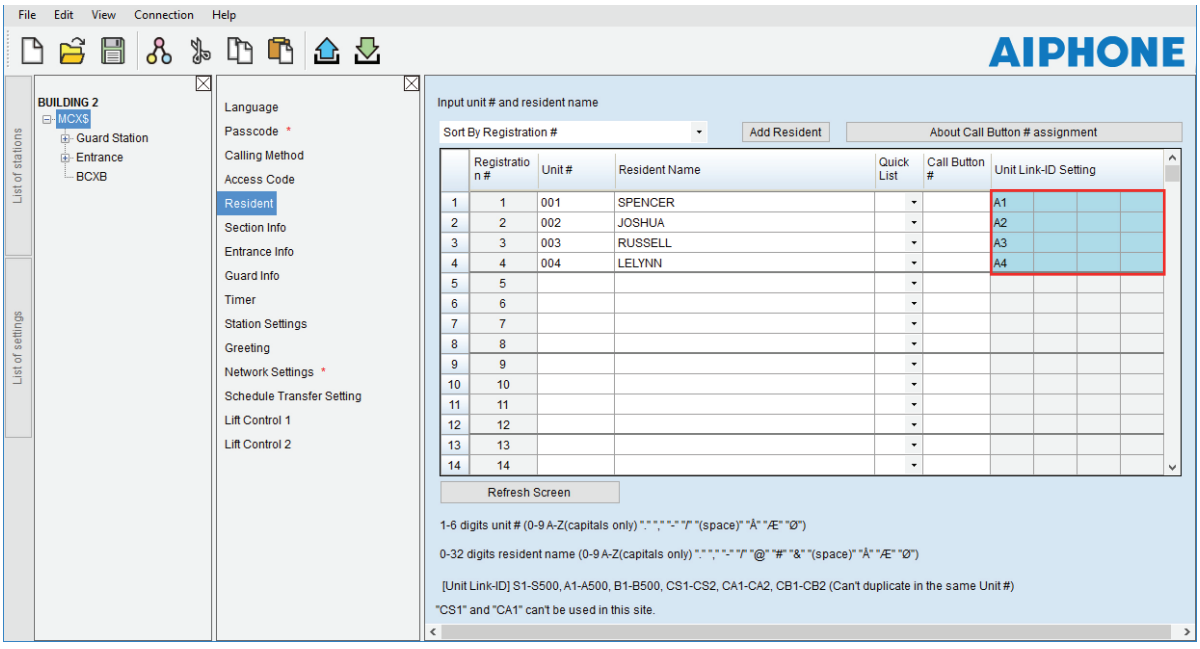
Dip Switch	ID
	S37/A37
	S38/A38
	S39/A39
	S40/A40
	S41/A41
	S42/A42
	S43/A43
	S44/A44
	S45/A45
	S46/A46
	S47/A47
	S48/A48

Step 2: Set the SW2 dip switches found on the back of the GT-1C7, GT-1M3, and GT-2C according to the correlation table created in the previous step.





Step 3: Enter **Unit Link-ID Setting** for each station represented.



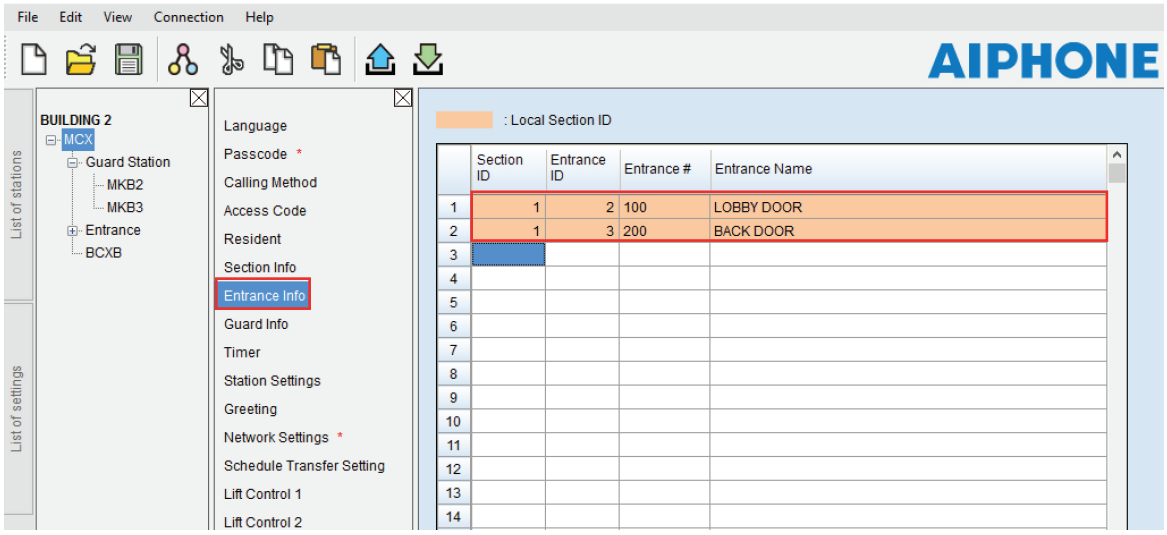
Step 4: Click Save, and then **Yes**.

PROGRAMMING: ENTERING GUARD STATION AND ENTRANCE STATION INFORMATION

Programming Entrance/Guard Information

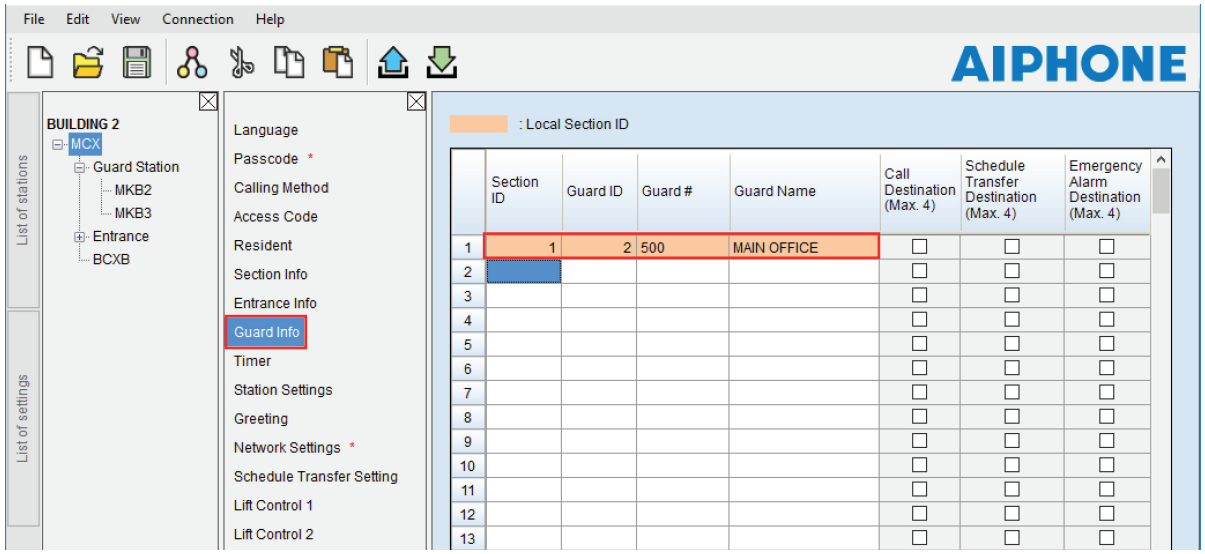
Step 1: Click the **MCX**, then select **Entrance Info**. Enter 1 for **Section ID**, **Entrance ID** (2-16), **Entrance #,** and **Entrance Name** (not required).

The GT-MCX uses Entrance ID 1.



Step 2: Click **Guard Info**. Enter 1 for **Section ID**, **Guard St ID** (2-4), **Guard #,** and **Guard Name** (not required).

The GT-MCX uses Guard ID 1.



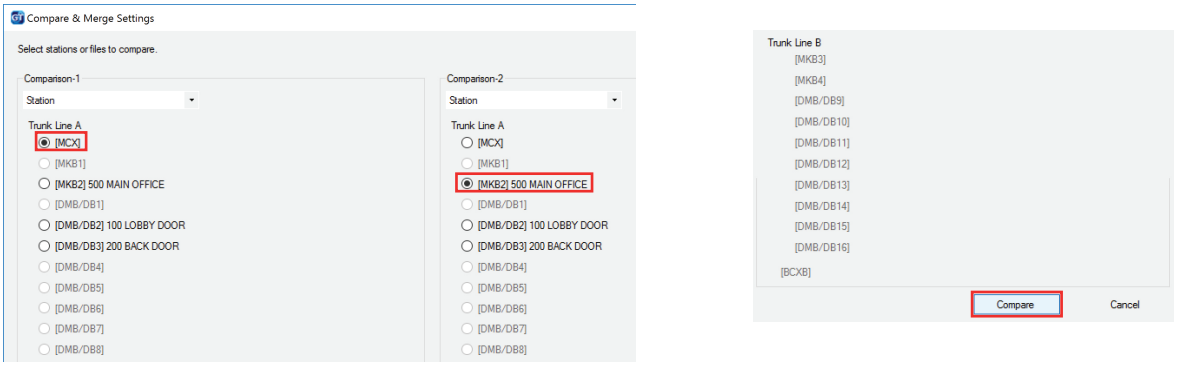
Step 3: Click Save, and then **Yes**.

PROGRAMMING: TRANSFER DATA TO OTHER GUARD/ENTRANCE STATIONS

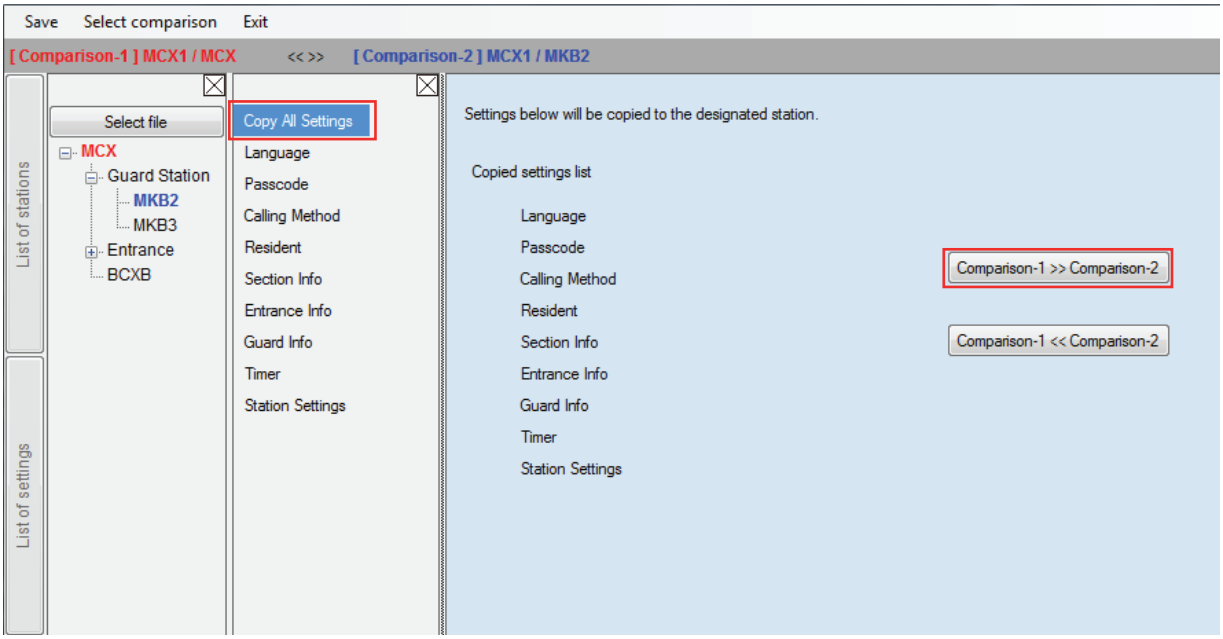
Compare and Merge (copy data to other devices in the system)

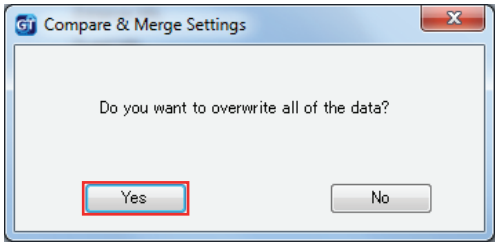
Step 1: Click **Compare and Merge Settings** to copy data to other entry panels and guard stations.

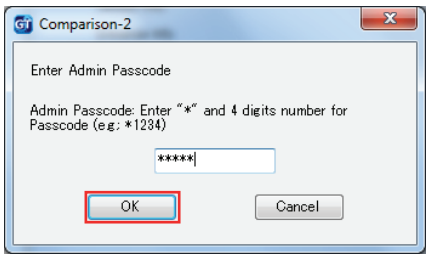
Step 2: In the **Comparison-1** column, select the **MCX** radio button that was programmed. In the **Comparison-2** column, select the desired entrance station/guard station that you want to copy the data to. Click **Compare**.



Step 3: Click **Copy All Settings**, then click **Comparison-1 >> Comparison-2** to copy the data to the new station. In the **Do you want to overwrite all of the data?** popup, click **Yes**. Enter the Admin Passcode for the device being copied to. Click OK.





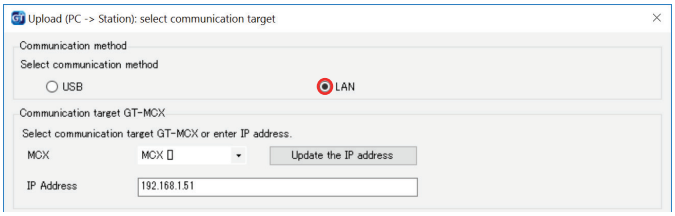


Step 4: Click Save, and then **Yes**. Repeat for each station in the system.

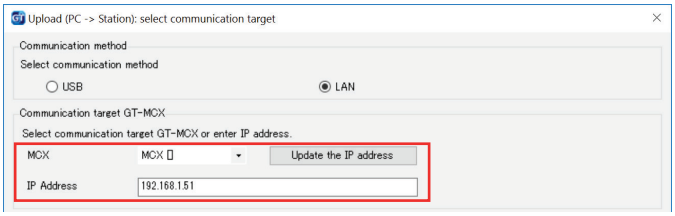
PROGRAMMING: UPLOADING TO GT-MCX VIA LAN

Step 1: Click Upload .

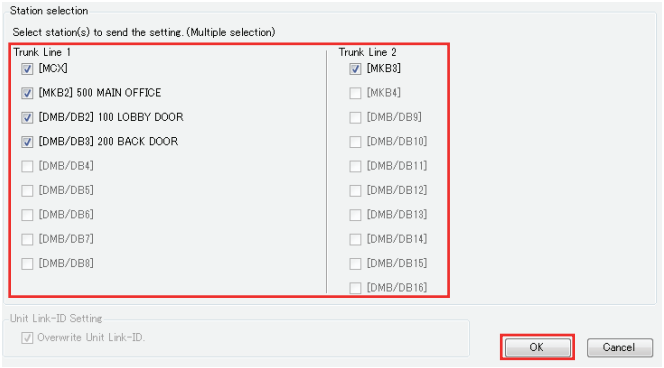
Step 2: From the Upload menu, select the **LAN** radio button.

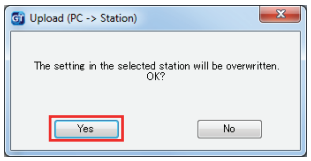


Step 4: Select the desired GT-MCX and verify the correct **IP address**.

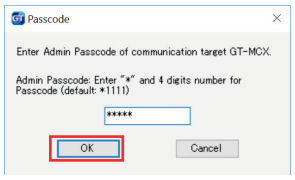


Step 5: Select each device that you wish to upload the setting file to. Multiple devices can be selected at the same time. Click **OK**. Click **Yes** in the popup window asking if it's ok to overwrite the selected stations.





Step 6: Enter the Admin / Manager Passcode and click **OK**. The default Admin Passcode is *1111.



Note:
If the upload to the stations does not work, check the following:

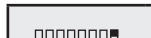
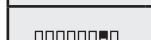
1. Ensure that the entrance station and guard station ID settings are correct. No duplicates on like stations and ID 1 cannot be used.
2. Check that the GT-BC and GT-MCX is connected and powered on.
3. Check that the NIC setting for the GT Support Tool is set correctly. Check this under **Connection > Network Interface Card: NIC**
4. Ensure that you can ping the GT-MCX from your PC.

DIP Switch ID chart:

System without the GT-BCXB-N: Use ID's S1-S48

System with the GT-BCXB-N: Use ID's A1-A250 for stations on sub trunk A of GT-BCXB-N

Use ID's B251-B500 for stations on sub trunk B of GT-BCXB-N

Dip Switch	ID's	Dip Switch	ID's	Dip Switch	ID's	Dip Switch	ID's	Dip Switch	ID's
	S1 A1 / B251		S26 A26 / B276		A51 / B301		A76 / B326		A101 / B351
	S2 A2 / B252		S27 A27 / B277		A52 / B302		A77 / B327		A102 / B352
	S3 A3 / B253		S28 A28 / B278		A53 / B303		A78 / B328		A103 / B353
	S4 A4 / B254		S29 A29 / B279		A54 / B304		A79 / B329		A104 / B354
	S5 A5 / B255		S30 A30 / B280		A55 / B305		A80 / B330		A105 / B355
	S6 A6 / B256		S31 A31 / B281		A56 / B306		A81 / B331		A106 / B356
	S7 A7 / B257		S32 A32 / B282		A57 / B307		A82 / B332		A107 / B357
	S8 A8 / B258		S33 A33 / B283		A58 / B308		A83 / B333		A108 / B358
	S9 A9 / B259		S34 A34 / B284		A59 / B309		A84 / B334		A109 / B359
	S10 A10 / B260		S35 A35 / B285		A60 / B310		A85 / B335		A110 / B360
	S11 A11 / B261		S36 A36 / B286		A61 / B311		A86 / B336		A111 / B361
	S12 A12 / B262		S37 A37 / B287		A62 / B312		A87 / B337		A112 / B362
	S13 A13 / B263		S38 A38 / B288		A63 / B313		A88 / B338		A113 / B363
	S14 A14 / B264		S39 A39 / B289		A64 / B314		A89 / B339		A114 / B364
	S15 A15 / B265		S40 A40 / B290		A65 / B315		A90 / B340		A115 / B365
	S16 A16 / B266		S41 A41 / B291		A66 / B316		A91 / B341		A116 / B366
	S17 A17 / B267		S42 A42 / B292		A67 / B317		A92 / B342		A117 / B367
	S18 A18 / B268		S43 A43 / B293		A68 / B318		A93 / B343		A118 / B368
	S19 A19 / B269		S44 A44 / B294		A69 / B319		A94 / B344		A119 / B369
	S20 A20 / B270		S45 A45 / B295		A70 / B320		A95 / B345		A120 / B370
	S21 A21 / B271		S46 A46 / B296		A71 / B321		A96 / B346		A121 / B371
	S22 A22 / B272		S47 A47 / B297		A72 / B322		A97 / B347		A122 / B372
	S23 A23 / B273		S48 A48 / B298		A73 / B323		A98 / B348		A123 / B373
	S24 A24 / B274		A49 / B299		A74 / B324		A99 / B349		A124 / B374
	S25 A25 / B275		A50 / B300		A75 / B325		A100 / B350		A125 / B375

DIP Switch ID chart (cont):

System with the GT-BCXB-N: Use ID's A1-A250 for stations on sub trunk A of GT-BCXB-N
Use ID's B251-B500 for stations on sub trunk B of GT-BCXB-N

Dip Switch	ID's	Dip Switch	ID's	Dip Switch	ID's	Dip Switch	ID's	Dip Switch	ID's
	A126 / B376		A151 / B401		A176 / B426		A201 / B451		A226 / B476
	A127 / B377		A152 / B402		A177 / B427		A202 / B452		A227 / B477
	A128 / B378		A153 / B403		A178 / B428		A203 / B453		A228 / B478
	A129 / B379		A154 / B404		A179 / B429		A204 / B454		A229 / B479
	A130 / B380		A155 / B405		A180 / B430		A205 / B455		A230 / B480
	A131 / B381		A156 / B406		A181 / B431		A206 / B456		A231 / B481
	A132 / B382		A157 / B407		A182 / B432		A207 / B457		A232 / B482
	A133 / B383		A158 / B408		A183 / B433		A208 / B458		A233 / B483
	A134 / B384		A159 / B409		A184 / B434		A209 / B459		A234 / B484
	A135 / B385		A160 / B410		A185 / B435		A210 / B460		A235 / B485
	A136 / B386		A161 / B411		A186 / B436		A211 / B461		A236 / B486
	A137 / B387		A162 / B412		A187 / B437		A212 / B462		A237 / B487
	A138 / B388		A163 / B413		A188 / B438		A213 / B463		A238 / B488
	A139 / B389		A164 / B414		A189 / B439		A214 / B464		A239 / B489
	A140 / B390		A165 / B415		A190 / B440		A215 / B465		A240 / B490
	A141 / B391		A166 / B416		A191 / B441		A216 / B466		A241 / B491
	A142 / B392		A167 / B417		A192 / B442		A217 / B467		A242 / B492
	A143 / B393		A168 / B418		A193 / B443		A218 / B468		A243 / B493
	A144 / B394		A169 / B419		A194 / B444		A219 / B469		A244 / B494
	A145 / B395		A170 / B420		A195 / B445		A220 / B470		A245 / B495
	A146 / B396		A171 / B421		A196 / B446		A221 / B471		A246 / B496
	A147 / B397		A172 / B422		A197 / B447		A222 / B472		A247 / B497
	A148 / B398		A173 / B423		A198 / B448		A223 / B473		A248 / B498
	A149 / B399		A174 / B424		A199 / B449		A224 / B474		A249 / B499
	A150 / B400		A175 / B425		A200 / B450		A225 / B475		A250 / B500