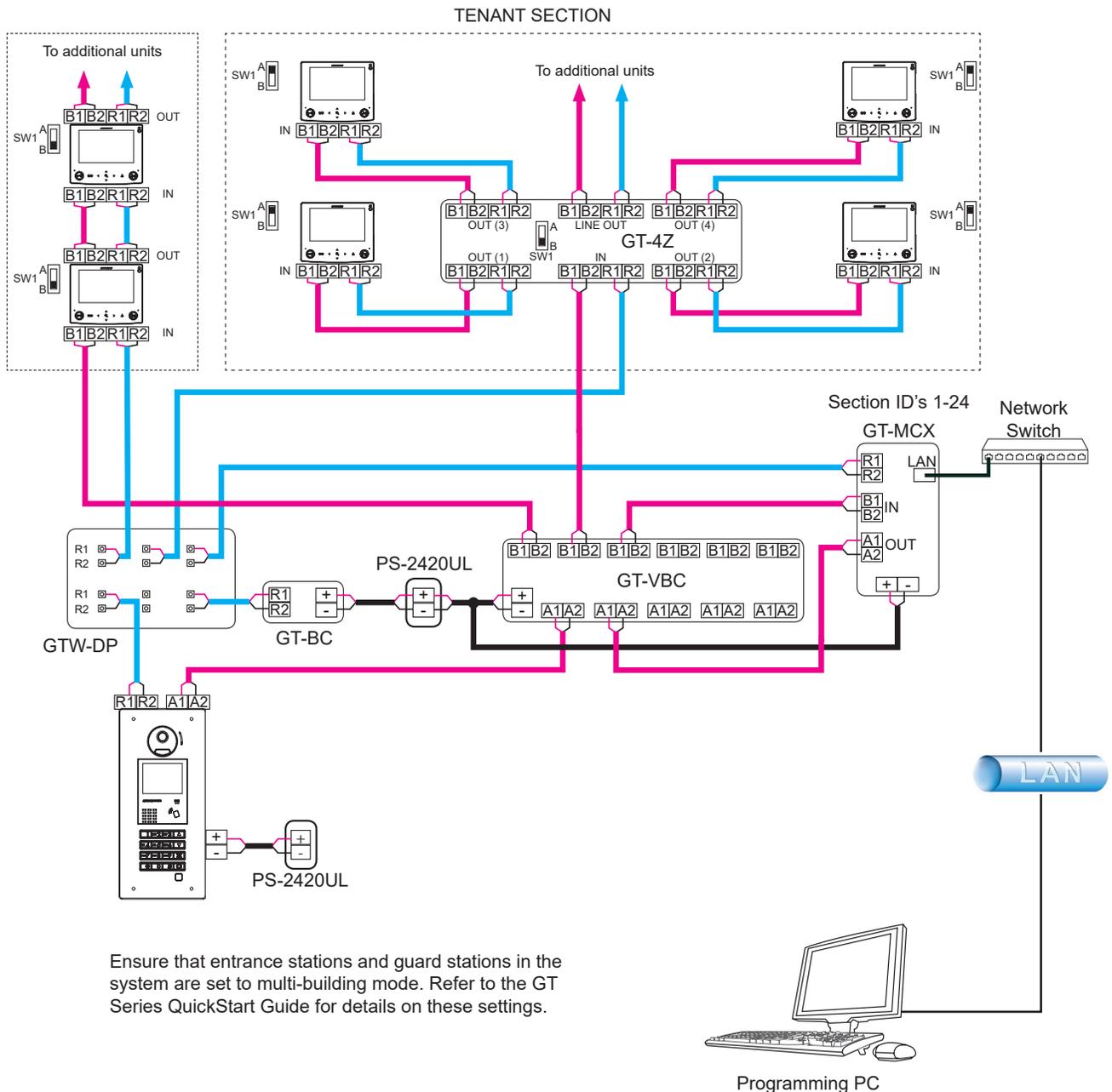


# GT Series Remote Programming

The GT-MCX can be included with the GT Series for the purpose of remote programming. When this is done, the system is considered a “tenant section”, and updates to all entry and guard stations in the system can be done via a PC with the Aiphone GT Programming Tool. The programming PC must reside in the same LAN as the GT-MCX. If programming from a remote location, a VPN will need to be configured.

## Wiring

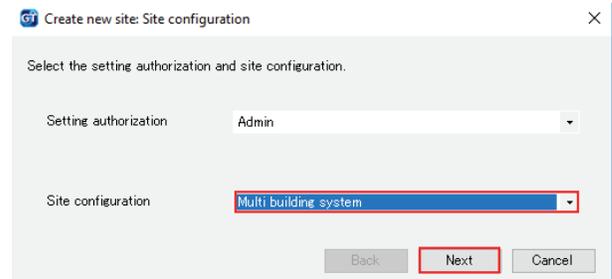
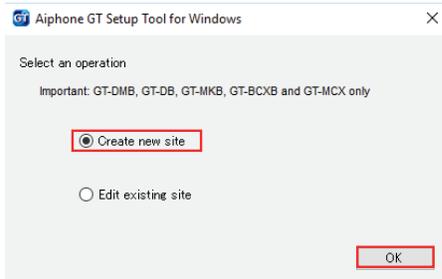


Ensure that entrance stations and guard stations in the system are set to multi-building mode. Refer to the GT Series QuickStart Guide for details on these settings.

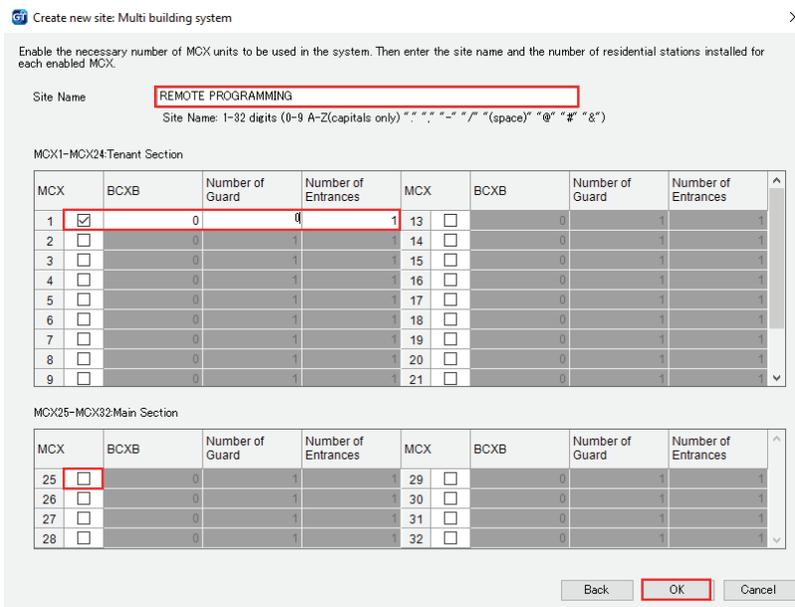
## GT Setup Tool Programming with GT-MCX

**Step 1:** Open the GT Setup Tool and click the **Create new site** radio button. Click OK.

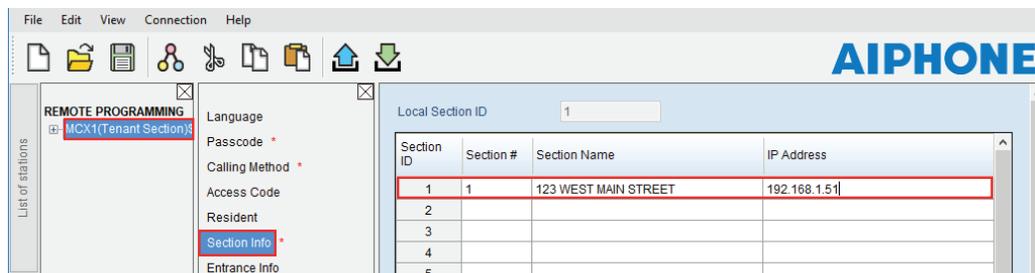
**Step 2:** Select the desired **Setting authorization** and select Multi building system from the **Site configuration** drop-down. Click Next.



**Step 3:** Enter a **Site Name** and de-select Main Section 25. Select if a GT-BCXB-N is included and enter the **Number of Guards** and the **Number of Entrances** for the section. The GT-MCX will take the place of the Guard Station ID1 and Entrance Station ID1. Click OK.



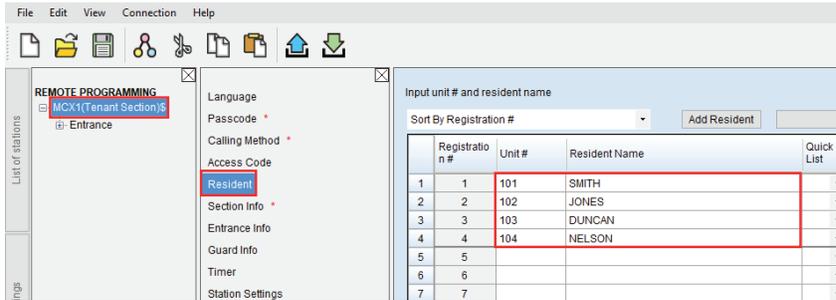
**Step 4:** Select the MCX, then click Section Info. Enter a Section #, a Section Name, and IP Address for the GT-MCX. Click Save when done.



## GT Setup Tool Programming: Entering Resident & Entry Information

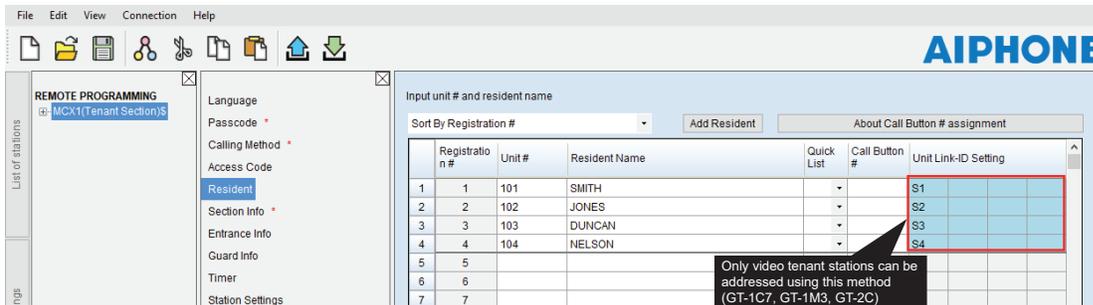
Resident information must be entered into the GT-MCX, GT-DMB(-N, -LVN), GT-MKB-N, and modular digital entrance stations before tenant stations can be programmed.

**Step 1:** Click **MCX(Tenant Section)**, then click **Resident**. Enter a Unit # (required) and a Resident Name (not required) for each station.



**Step 2:** Click Save , and then Yes.

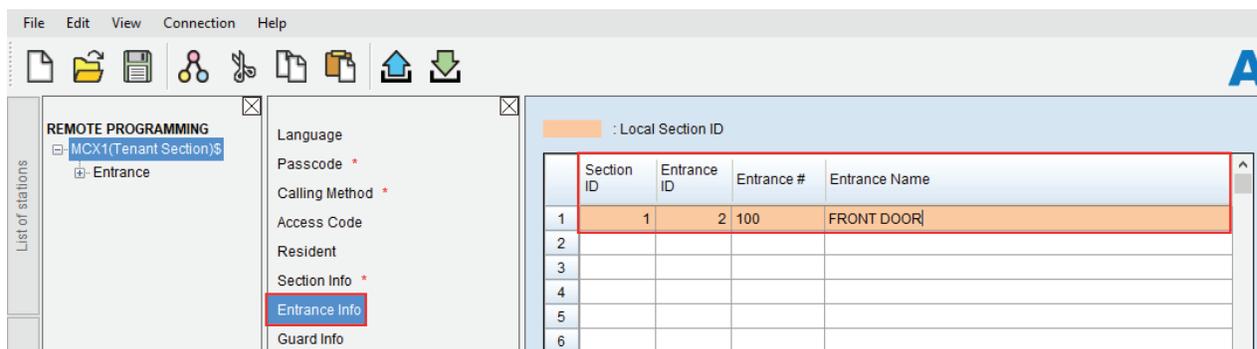
**Step 3:** Enter a **Unit Link-ID Setting** for each station. Refer to page 19 of the GT QuickStart guide or download the full dip switch chart from <http://www.aiphone.net/product/support/gt/>



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

**Step 5:** Select **Entrance Info** and enter the **Section ID**, **Entrance ID** (2-16), **Entrance #**, and **Entrance Name** for each entrance station in the system.

**The GT-MCX uses Entrance ID 1.**



**Step 6:** Click Save , and then Yes.

## GT Setup Tool Programming: Network Settings

The MCX network settings must be set to match the requirements of the network it is connected to.

**Step 1:** Click **Network Settings**.

**Step 2:** Enter the IP Address, Subnet Mask, Gateway (if required), and DNS Server (if required) for the GT-MCX network adaptor.

When any Networks Settings changes are uploaded to the GT-MCX, the device will restart. The restart will take approximately 1 minute.

The screenshot displays the 'REMOTE PROGRAMMING' interface for 'MCX1(Tenant Section)'. The 'Network Settings' tab is selected in the left-hand menu. The main configuration area includes the following fields:

- Site Name: REMOTE PROGRAMMING
- IP Version: IPv4
- IP Address: 192 . 168 . 1 . 51
- Subnet Mask (IPv4 only): 255.255.255.0
- Default Gateway: [ ] . [ ] . [ ] . [ ]
- Primary DNS Server: [ ] . [ ] . [ ] . [ ]
- Secondary DNS Server: [ ] . [ ] . [ ] . [ ]
- NTP Server: [ ]
- NTP Port #: 123
- Enable NTP: No
- Time Zone: UTC 00:00 Greenwich Mean Time
- Daylight Savings Time: None
- Connection Port #: 51000
- Audio Port #: 51002
- Video Port #: 51003

Additional settings include 'Door Release Port #' (51001) and 'Door Release Password' (empty). A red box highlights the IP Address, Subnet Mask, and Primary DNS Server fields. A red warning message states: 'When settings related to IP address are changed and uploaded, GT-MCX will restart. Restart will take approximately 1 minute.'

The Connection Port, Audio Port, and Video Port can be left at default. Change them if specific ports need to be used. Consult with your IT department.

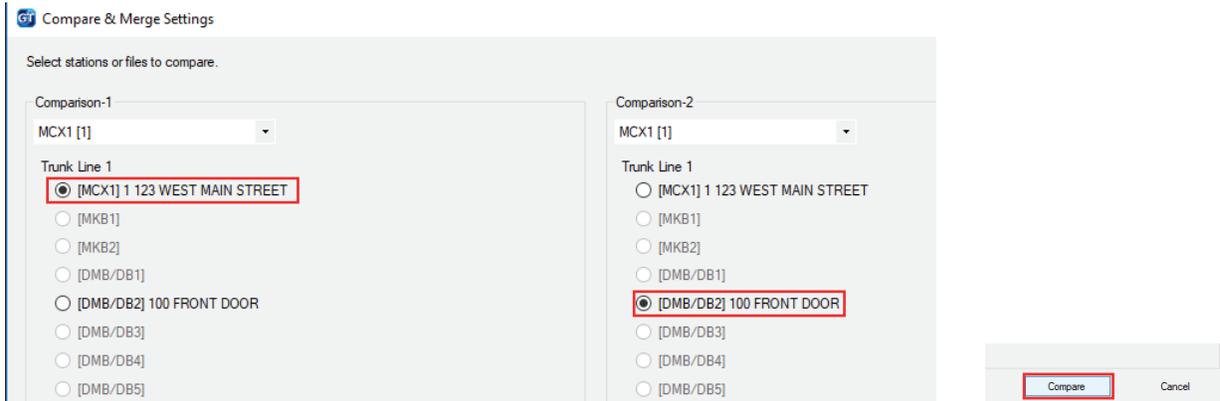
**Step 3:** Click Save , and then Yes.

## GT Setup Tool Programming: Transfer Data to Entrance Station

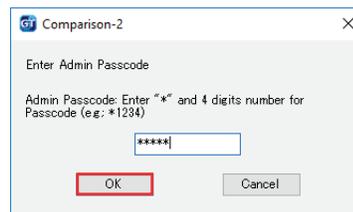
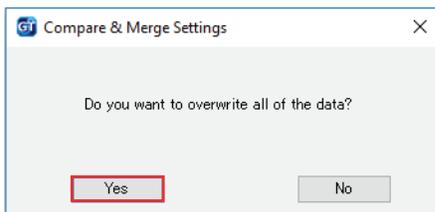
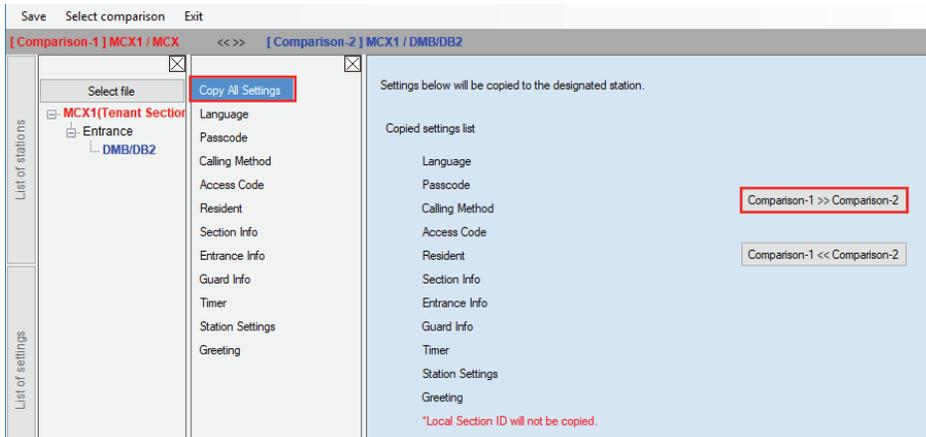
### Compare and Merge (copy data to other stations in a section)

**Step 1:** Click **Compare and Merge Settings**  to copy data from the MCX to the entrance station.

**Step 2:** In the **Comparison-1** column, select the **MCX1** radio button that was fully programmed. In the **Comparison-2** column, select the desired entrance station that you want to copy the data to. Click **Compare**.



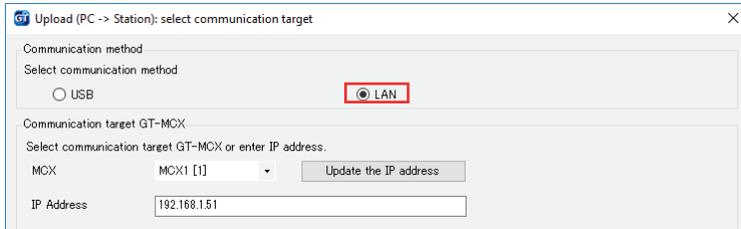
**Step 3:** Click **Copy All Settings**, then click **Comparison-1 >> Comparison-2** to copy the data to the new station. In the **Do you want to overwrite all of the data?** pop-up, click **Yes**. Enter the Admin Passcode (default is \*1111) for the device being copied to. Click OK. When done, click Save, then **Yes**.



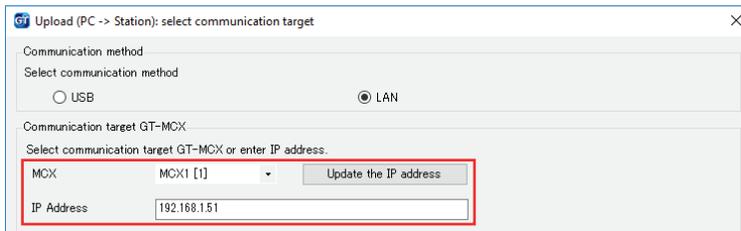
## GT Setup Tool Programming: Uploading to GT-MCX via LAN

**Step 1:** Click Upload

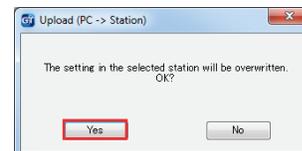
**Step 2:** From the Upload menu, select the LAN radio button.



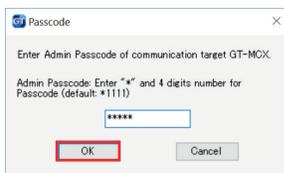
**Step 3:** Ensure that the correct MCX is selected and verify that the correct IP address is entered.



**Step 4:** Select each station that you wish to upload the setting file to. Multiple stations can be selected at the same time. Click **OK**. Click **Yes** in the pop-up window asking if it's ok to overwrite the selected stations.



**Step 5:** 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. Duplicates on like stations within a section and ID#1 cannot be used.
2. Check that the GT-BC and GT-MCX are 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.