

### **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



For more details about the features and information above, please contact Technical Support. Aiphone Corporation | www.aiphone.com | tech@aiphone.com | (800) 692-0200

### **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.

o Aiphone GT Setup Tool for Windows	×	o Create new site: Site configu	ration	×
Select an operation Important: GT-DMB, GT-DB, GT-IMKB, GT-BCXB and GT-MCX only		Select the setting authorization	and site configuration.	
• Create new site		Setting authorization	Admin	•
○ Edit existing site		Site configuration	Multi building system	•
ОК			Back	Next Cancel

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.

Create	e new	site: Multi k	ouilding s	/stem							×
nable tł ach ena	ne nec abled N	essary num MCX.	ber of MC	X units to be used	in the system. Ther	n enter	the sit	e name and the num	ber of residential s	tations installed for	
Site N	lame		REMOTE	PROGRAMMING					7		
			Site Na	me: 1-32 digits (0-!	A-Z(capitals only)	) "." ".	· "_" "	/" "(space)" "@" ":	#" "&")		
MCX1	-MCX	24:Tenant S	ection								
мсх	(	BCXB		Number of Guard	Number of Entrances	мсх		BCXB	Number of Guard	Number of Entrances	^
1			0	0	1	13		0	1	1	
2			0	1		14		0	1	1	
3			0	1	1	15		0	1	1	
4			0	1	1	16		0	1	1	
5			0	1	1	17		0	1	1	
6			0	1	1	18		0	1	1	
7			0	1		19		0		1	
8	닏		0	1		20	<u> </u>	0	1	1	
9			0	1	1	21		0	1	1	~
MCX2	5-MC	X32:Main Se	ction								
мсх	(	BCXB		Number of Guard	Number of Entrances	мсх		BCXB	Number of Guard	Number of Entrances	^
25			0	1	1	29		0	1	1	
26			0	1	1	30		0	1	1	
27			0	1	1	31		0	1	1	
28			0	1	1	32		0	1	1	$\vee$
								_			
									Back	OK Cane	el

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.

File	e Edit View Connectio	on Help 🐌 🖺 🖺 🔒	$\overline{\mathbf{v}}$	1			AIP	IONE	
	REMOTE PROGRAMMING	Language		Local Secti	on ID	1			^
stations		Calling Method *		Section ID	Section #	Section Name	IP Address	î	
List of		Access Code Resident		2	1	123 WEST MAIN STREET	192.168.1.51		
		Section Info * Entrance Info		3 4 5					

### 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.

File Edit View Connection He	elp							
🗅 🛱 🗒 🖧 🖫	ြီ 🖪 🔓 🛃							
REMOTE PROGRAMMING MCX1(Tenant Section)\$	Language	Input	unit # and res	sident name				
Entrance	Passcode *	Sort	By Registrati	on #	•	Add Resident		
statt	Calling Method *		Registratio	Linit#	Resident Name		Qu	lick
at of	Access Code		n#	onic#	Resident reame		Lis	t
	Resident	1	1	101	SMITH			•
	Section Info *	2	2	102	JONES			-
	Entrance info	3	3	103	DUNCAN			•
	Quardiate	4	4	104	NELSON			
	Guardinio	5	5					•
	Timer	6	6					
8	Station Settings	7	7					-

- **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/

Fi	le Edit View Connection	Help								
[	3 🛱 🖥 🖧 🌡	· 🗅 🖻 🏦 🛓							AIPHO	<b>NE</b>
	REMOTE PROGRAMMING	Language	Input	unit # and res	sident name				- H H	
ations		Calling Method *	Son	By Registrati	on #	Add Resident	Quiet	About Call	Button # assignment	<u>^</u>
st of st		Access Code		n#	Unit#	Resident Name	List	#	Unit Link-ID Setting	
Ĩ		Resident	1	1	101	SMITH	-		S1	
		Section Info *	2	2	102	JONES	-		S2	
		Entrance Info	3	3	103	DUNCAN	•		S3	
	1	Current lafe	4	4	104	NELSON	-		S4	
		Guard Inio	5	5		Only vid	eo tenant stat	ions can b	e	
		Timer	6	6		address	ed using this r	nethod		
Bui		Station Settings	7	7		(GT-1C)	7, GT-1M3, GT	「-2C)		

- **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.

Fil	e Edit View Connection H	lelp						
E	6 🗄 🗒 🖧 🖡	lì 🖻 🔓 🛃						A
		Language		: Local	Section ID			
tations	Entrance	Passcode * Calling Method *	:	Section ID	Entrance ID	Entrance #	Entrance Name	^
t of s		Access Code	1	1	2	100	FRONT DOOR	
Lis		Resident	2					
		Section Info *	3					
		Entrance Info	4					
		Guard Info	6					

**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.

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**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.

Fil	e Edit View Connection H	Help		
	1 🛱 🖥 🔏 🆫	li 🖻 🔓 💆		
List of stations	REMOTE PROGRAMMING ⊞-MCX1(Tenant Section)	Language Passcode * Calling Method * Access Code Resident Section Info *	Site Name When settings related to IP add approximately 1 minute. IP Version * IP Address *	REMOTE PROGRAMMING         dress are changed and uploaded, GT-MCX will restart. Restart will take         IPv4         192       .         168       .
tings		Entrance Info Guard Info Timer Station Settings	Subnet Mask (IPv4 only) * Default Gateway Primary DNS Server	255.255.255.0 •
List of set		Greeting Network Settings Schedule Transfer Setting Lift Control 1	Secondary DNS Server	Domain name format 4-253 dinits (0-9 A-7 a-7 "." ")
		Lift Control 2	NTP Port # Enable NTP	123 No •
			Time Zone	UTC 00:00 Greenwich Mean Time
			Daylight Savings Time	51000
			Audio Port# * Video Port# *	51002
			Set the "Door Release Port #" a sections is used. Door Release Port # Door Release Password	and "Door Release Password" when the door release function between 51001 Door Release Password: 1-32 digits (A-Z, a-z, 0-9)
			After changing the video quality 1 minute. Video Quality	r setting and uploading it, GT-MCX will restart. Restart will take approximately

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.

🞯 Compare & Merge Settings	
Select stations or files to compare.	
Comparison-1	Comparison-2
MCX1 [1] •	MCX1[1] -
Trunk Line 1	Trunk Line 1
[MCX1] 1 123 WEST MAIN STREET	O [MCX1] 1 123 WEST MAIN STREET
○ [МКВ1]	О [МКВ1]
О [МКВ2]	О [МКВ2]
O [DMB/DB1]	○ [DMB/DB1]
O [DMB/DB2] 100 FRONT DOOR	[DMB/DB2] 100 FRONT DOOR
O [DMB/DB3]	O [DMB/DB3]
○ [DMB/DB4]	O [DMB/DB4]
○ [DMB/DB5]	[DMB/DB5] Compare Cancel

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.

Sa	ve Select comparison I	Exit					
[Co	mparison-1 ] MCX1 / MCX	<< >> [Comparison-2]	MCX1 / DMB/	DB2			
	Select file	Copy All Settings	Settings belo	w will be copied to the designa	ited station.		
ations	E- MCX1(Tenant Section	Language Passcode	Copied sett	ngs list			
of sta	DINDIDE	Calling Method	Lan	guage			
List		Access Code	Pas	scode		Comparison 1 yr Comparison 2	
		Resident	Calli	ng Method		Companson-1 >> Companson-2	
		Section Info	Acc	ess Code			
		Entrance Info	Res	ident		Comparison-1 << Comparison-2	
		Guard Info	Sec	tion Info			
		Timer	Entr	ance Info			
ß		Station Settings	Gua	rd Info			
ettin		Greeting	Tim	er			
ofs			Stat	ion Settings			
List			Gree	eting			
			*Loc	al Section ID will not be copier	d.		
				1			
G	Compare & Merge S	ettings	×		Comparison-2		X
					Enter Admin Passcode		
	Do you want to	overwrite all of the data?			Admin Passcode: Enter Passcode (e.g.: *1234)	"*" and 4 digits number for	
					***	99 <b>%</b>	
	Yes	No			OK	Cancel	

### 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.

🞯 Upload (PC -> Statio	n): select commun	ication ta	rget	 ×
Communication method Select communication O USB	nethod		IAN	
Communication target C Select communication	aT-MCX arget GT-MCX or	enter IP ac	ldress.	
MCX	MCX1 [1]	•	Update the IP address	
IP Address	192.168.1.51			

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

o Upload (PC -> Station	i): select communicat	ion target		×
Communication method Select communication m O USB	ethod		LAN	
Communication target G	T-MCX			
Select communication t	arget GT-MCX or enter	r IP address.		
MCX	MCX1 [1]	• Upda	te the IP address	
IP Address	192.168.1.51			

**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.

runk Line 1 ☑ [MCX1] 1 123 WEST MAIN STREET	Trunk Line 2 [MKB3]	
[MKB2]	[MKB4]	
[DMB/DB2] 100 FRONT DOOR	[DMB/DB9]	
[DMB/DB3]	[DMB/DB10]	
[DMB/DB4]	[DMB/DB11]	
[DMB/DB5]	[DMB/DB12]	
DMB/DB6]	[DMB/DB13]	
DMB/DB7]	[DMB/DB14]	G Upload (PC -> Station)
[DMB/DB8]	[DMB/DB15]	
	[DMB/DB16]	The setting in the selected station will OK?

Step 5: Enter the Admin/Manager Passcode and Click OK. The default Admin Passcode is \*1111.

🚳 Passcode	<
Enter Admin Passcode of communication target GT-MCX.	
Admin Passcode: Enter "*" and 4 digits number for Passcode (default: *1111)	
****	
OK	

#### 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.