

AIPHONE

GT SYSTEM

GT Setup Tool for Android

SETTING MANUAL

Thank you for selecting Aiphone for your communication needs. Please read this manual carefully before installation, and keep this in a safe place for future reference.

Please note that images and illustrations depicted in this manual may differ from the actual product.

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READ THIS BEFORE USING THIS SETUP TOOL

Notes about using this manual

This manual describes how to configure the settings for the **Standard & Expanded System** and **Multi Building System** by using the GT Setup Tool.

* This manual describes only how to use the GT Setup Tool. For information about and how to use an Android device, refer to the instruction manual for the Android device.

Android is a trademark of Google Inc. in the United States and/or other countries.

Notices

- Depending on the Android device, the GT Setup Tool may not be usable.
- We will under no condition be liable for any damages or losses resulting from this product's contents or specifications.
- This manual was created by Aiphone Co., Ltd., all rights reserved. Copying a part of or this entire manual without prior permission from Aiphone Co., Ltd. is strictly prohibited.
- This manual may be revised or changed without prior notice.
- Product specifications may be changed for the sake of improvement without prior notice.
- It is the customer's responsibility to ensure that the Android device is secure. We will under no condition be liable for security failures.

Preparation for using this Setup Tool

NOTE:

Check the Google Play® Store for the Android® devices and OS versions for which compatibility has been confirmed.
Supported Android OS version: Android 5.0 and greater.

1 Prepare an Internet-connected Android® device.

2 Install "GT Setup Tool" from the Google Play® Store.

* The site can be accessed directly by reading the QR code on the right.


3 Open "GT Setup Tool" from the icon.





[QR code]



Outline of settings

The usable tools or devices for the settings in each step are shown by the following icons.
























Icon	Tool
	GT Setup Tool

Icon	Station
	Modular type entrance station (*1)
	All-in-one type entrance station (GT-DMB-N(-LVN)) (*1)
	Guard station (GT-MKB-N) (*1)
	Expanded bus control unit (GT-BCXB-N) (*1)



















(*1): Refer to the **GT SYSTEM SETTING MANUAL/Standard & Expanded System**.

There are two main setting flows as shown below.

Editing an existing setting file

- 1 Open the GT Setup Tool on an Android device. (→ 1-1) 
- ↓
- 2 Download the setting file from a station. (→ 2-1)     
- ↓
- 3 Select **EDIT EXISTING SETTING** on the opening screen. (→ 1-3) 
- ↓
- 4 Set the level of authorization for the settings (Manager or Admin). (→ 1-3) 
- ↓
- 5 If needed, change the settings for residents (Link setting) in a tenant section. (→ 1-5)     
- ↓
- 6 If needed, change the settings for guard stations, entrance stations, and an expanded bus control unit. (→ 1-5)     
- ↓
- 7 Upload the setting file to a station. (→ 2-2)     


Creating a new setting file

- 1 Open the GT Setup Tool on an Android device. (→ 1-1) 
- ↓
- 2 Select **CREATE NEW SETTING** on the opening screen. (→ 1-2) 
- ↓
- 3 Set the level of authorization for the settings (Manager or Admin). (→ 1-2) 
- ↓
- 4 Configure the settings for residents (Link setting) in a tenant section. (→ 1-5)     
- ↓
- 5 Configure the settings for guard stations, entrance stations, and an expanded bus control unit. (→ 1-5)     
- ↓
- 6 Upload the setting file to a station. (→ 2-2)     

USING THE SETUP TOOL

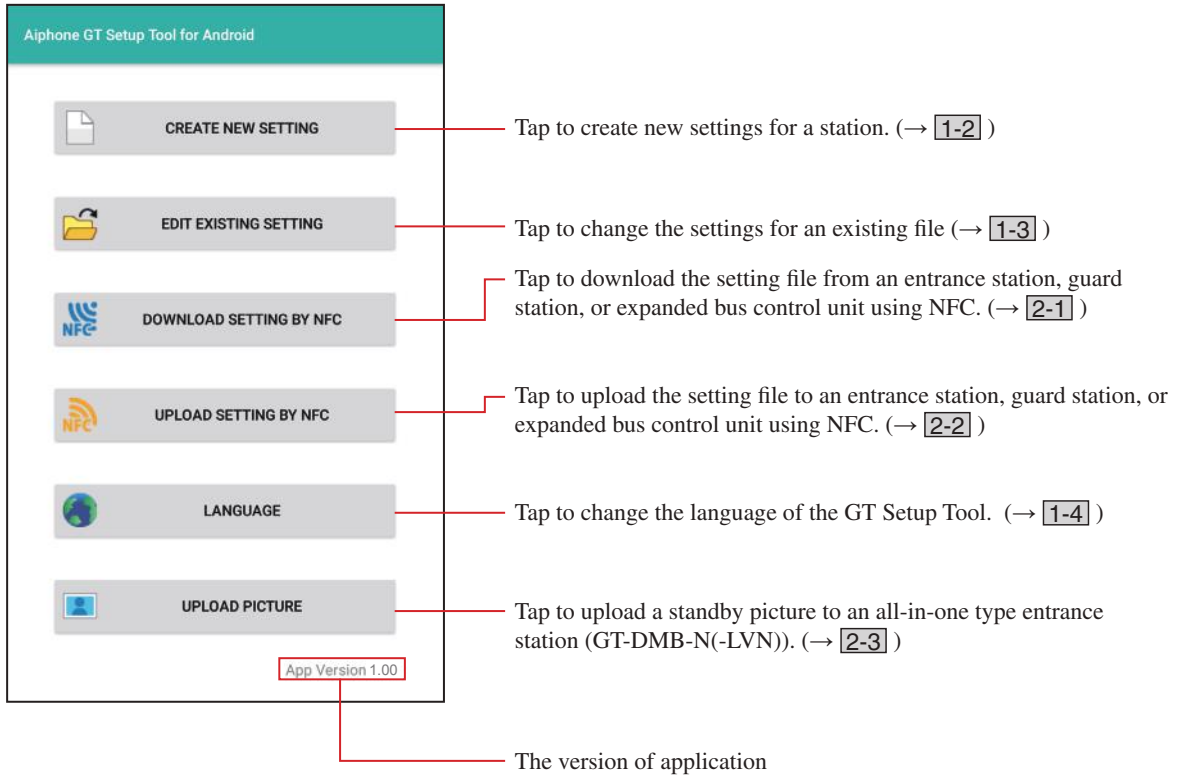
1 Configuring settings

1-1 Opening Screen and Tools

1 Open the GT Setup Tool on an Android device .

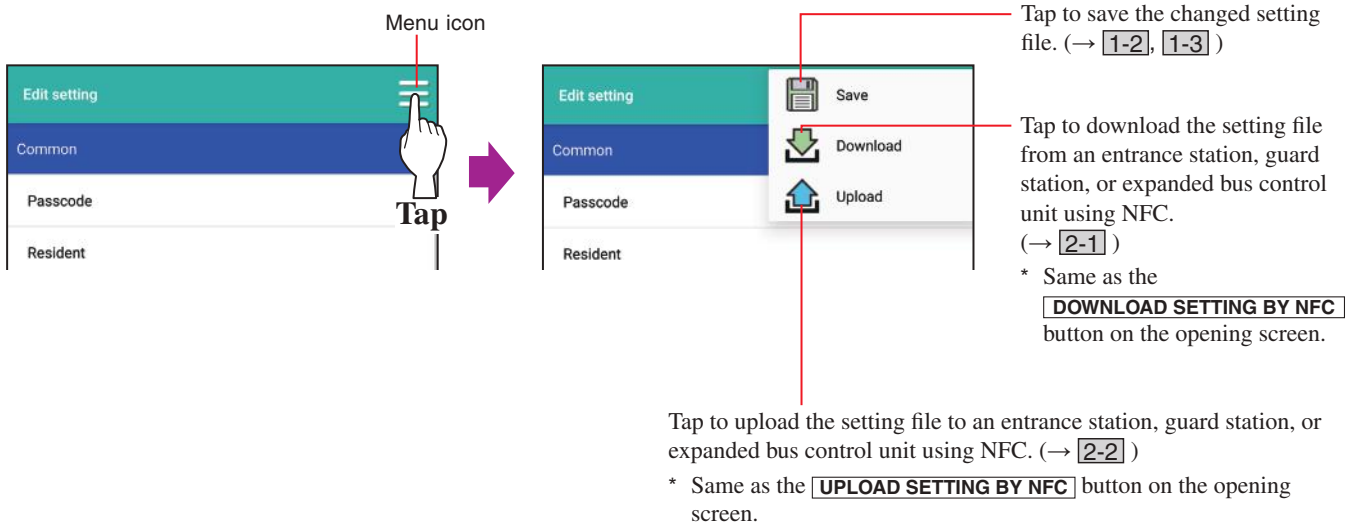
2 When the opening screen is displayed, the following tools are available:

Opening screen



Tools under the menu icon

When the menu icon is displayed, the following tools are available:



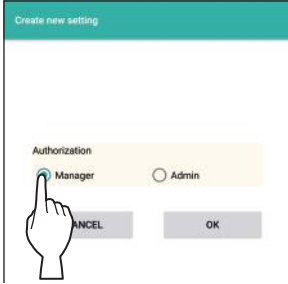
1-2 Creating new settings

* Use the GT Setup Tool to create new settings.

1 Tap **CREATE NEW SETTING** on the opening screen.

The "Create new setting" screen opens.

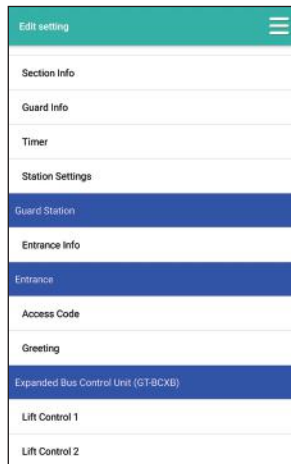
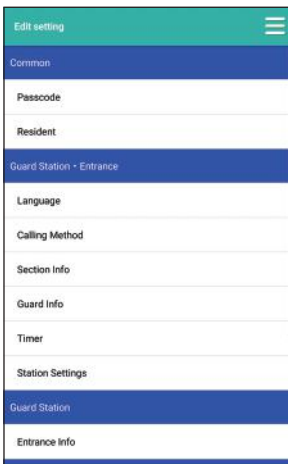
2 Select the authorization level for accessing settings (Manager or Admin), then tap **OK**.



Manager	Partial access to settings.
Admin	Full access to all settings.

The "Edit setting" screen opens.

3 Create the settings for the items shown on the screen.



* Refer to [1-5](#) for a list of the settings available.

4 Save settings when done.



The setting file is saved in the "Documents\GTData" folder.

* Refer to [2-2](#) for details about uploading the setting file to a station.

1-3 Editing the settings

1 Tap **EDIT EXISTING SETTING** on the opening screen.

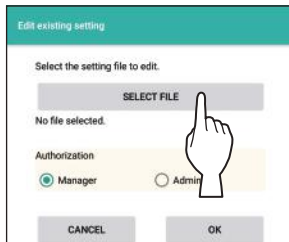
The "Edit existing setting" screen opens.

* Refer to [2-1](#) for details about downloading the setting file from a station.

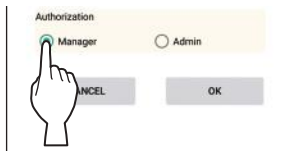
2 Select the file to edit.

Select the file to be edited from the file list.

- * Only files with the extension ".gtn" can be selected.
- * No file can be selected if no file is stored on this Android device.



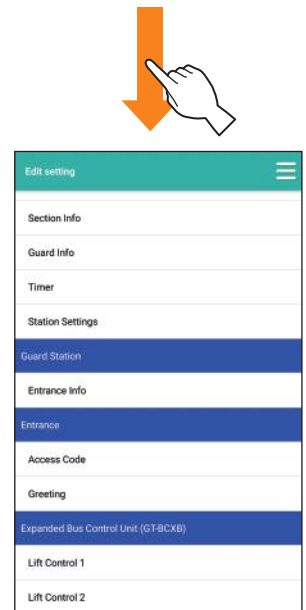
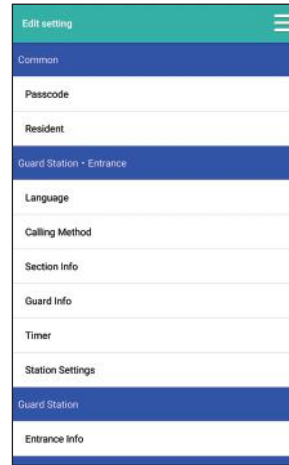
3 Select the authorization level for accessing settings (Manager or Admin), then tap **OK**.



Manager	Partial access to settings.
Admin	Full access to all settings.

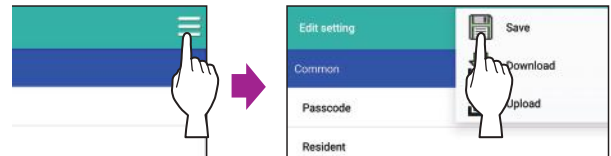
The "Edit setting" screen opens.

4 Edit the settings for the items shown on the screen.



* Refer to [1-5](#) for a list of the settings available.

5 Save settings when done.



The setting file is saved in the "Documents\GTData" folder.

* Refer to [2-2](#) for details about uploading the setting file to a station.

1-4 Setting the language

Select the language of the GT Setup Tool.

Choices:

English

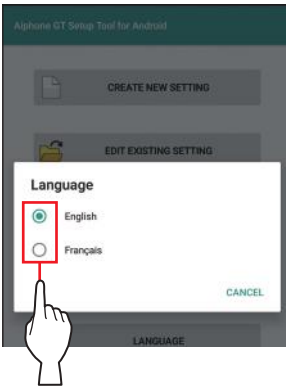
Français (French)

Default: English

1 Tap **LANGUAGE** on the opening screen.

The "Language" screen opens.

2 Select the language desired, either "English" or "Français".



1-5 Settings list

NOTE:
Setting value/choices are different depending on the installed GT system.

Item	Description	Setting value/choices	Default	
Common	Passcode Required	Set the passcode for uploading/downloading setting files. NOTE: Do not register the ID of the Android device as the passcode.	-	
	Manager and Admin Passcodes ^(*)	Set a passcode for accessing with Manager or Admin authorization.	Admin: Enter "*" and 4 digits number. Manager: Enter "#" and 4 digits number. ⚠ It is recommended to change the default passcode to a unique one when using the GT Setup Tool for the first time.	Admin: *1111 Manager: #2222
	Manager and Admin NFC Card IDs ^(*)	Set the NFC card ID # for accessing with Manager or Admin authorization. * Register the NFC card ID # in either of the following methods. <ul style="list-style-type: none"> • Enter the NFC card ID # manually. • Tap the NFC icon on the screen, then hold the NFC card to the Android device's NFC reader to make the Android device read the ID #. 	8/14/16/20 (4/7/8/10 Byte), alphanumeric (0-9, A-F (capitals only))	-
	Resident ^{(*)2}	Enter resident information. Quick List: Add the desired residents to the entrance station's quick list by selecting 1 to 4. * Up to 4 residents can be added to the quick list. Unit Link-ID: Enter the UNIT Link-ID(s) for each residence (unit). * Up to 4 UNIT Link-IDs can be linked per residence (unit). (Refer to the end of 1-5 for details about how to input a Link ID.)	<ul style="list-style-type: none"> • Unit#: 1-6 digits • Resident Name: 0-32 digits • Quick List: None/1/2/3/4 • Call Button# (for GT-SW (call switch module)): No entry or 1-100 (No duplication) • Unit Link ID1-ID4: 0-9, A, B, C, S * CS1 and CA1 cannot be used for multi building system. 	-
Guard Station • Entrance	Language	Select the screen display language.	English/French/Dutch/Spanish/German/Norwegian/Italian/Turkish/Finnish	English
	Calling Method Required	Select the method of searching for a unit to call. Name / # Search: Searching for a unit from a list or entering a unit # or resident name Section List+Unit #: Searching for a section from a list, then a unit by entering a unit # (For a multi building system only) Unit Number: Select a unit by entering a unit # Section #+Unit #: Select a section by entering a section #, then a unit # (For a multi building system only)	Name / # Search Section List+Unit # Unit Number Section #+Unit #	Name / # Search

* All items can be set when accessed with the **Admin** authorization.
The items in cannot be set with the **Manager** authorization.

(*)1: The passcode and NFC ID are set separately for **Manager** authorization and **Admin** authorization.
* When accessed with **Manager** authorization, **Manager Passcode** and **Manager NFC ID** can be set.
When accessed with **Admin** authorization, **Manager** and **Admin Passcode** and **Manager** and **Admin NFC ID** can be set.
Compatible NFC card: 4/7/10 Byte: Mifare/Type A card
8 Byte: Felica
(*)2: When accessed with the **Manager** authorization:
Changing the settings of this item is possible when opened by tapping EDIT EXISTING SETTING. Entering is impossible when opened by tapping CREATE NEW SETTING.

Item	Description	Setting value/choices	Default	
Section Info Required	Enter the section information for each section ID.	Local Section ID: 1-32 (ID1-24: Tenant section, ID 25-32: Main section) (*3) Section Info: • Section#: 1-4 digits • Section Name: 0-32 digits	-	
Guard Info	Enter the guard station information. * ID1 is unavailable for a guard station in a multi building system.	• Section ID: 1-32 ("1" for single building system) • Guard ID: 1-4 for single building system 2-4 for multi building system • Guard #: 1-6 digits • Guard Name: 0-32 digits	-	
Timer	Set the duration of each timer operation.	-	-	
Operation Timer	Set the duration of operation.	15-99 sec.	15 sec.	
Program Timer	Set the duration of program mode.	30-99 sec.	60 sec.	
Call Duration	Set the duration of a call.	30-99 sec.	45 sec.	
Station Settings	Configure settings unique for each station.	-	-	
Guard Setting	Call-In Output	Set whether to make calls to guard stations transferred to the RYC-RYC terminal (ON).	ON/OFF	ON
	Emergency Alarm Output	Set whether to make emergency alarms transferred to the RYK-RYK terminal (ON).	ON/OFF	ON
	Sort method	Set the sorting method for searching.	Sort By Name/Sort By Unit #	Sort By Name
	Video Call Entrance ID	Set the entrance station that can be displayed by pressing the VIDEO CALL button.	N/A Entrance ID1 Entrance ID2 * ID1 cannot be used for multi building system.	N/A
	Unit Calling	Enable (ON) or disable (OFF) calling a residential/tenant station from a guard station.	ON/OFF	ON
Entrance Setting	Monitor Setting (*4) (GT-DMB only)	Enable (ON) or disable (OFF) monitoring an entrance station from a residential/tenant station.	ON/OFF	OFF
	Camera Display (*4) (GT-DMB only)	Set the display mode of video during a call.	ZOOM/WIDE/ZOOM 3s, WIDE/ WIDE 3s, ZOOM	ZOOM
	Camera Preset	Set the position of video in the zoom mode.	1-9	5
	Visibility	Enable (ON) or disable (OFF) the backlight adjustment.	ON/OFF	OFF
	Display Unit #	Set whether to show unit # and resident name (ON) or resident name only (OFF) on the entrance station display.	ON/OFF	ON
	Guide Language (*4) (GT-DMB only)	Set whether to use the voice guidance, and select the language of guidance. • No Guidance: The voice guidance is not used. • Tone: A sound is used instead of the voice guidance.	No Guidance/English/French/Dutch/Spanish/ German/Norwegian/Tone	No Guidance
	Sort method	Set the sorting method for searching.	Sort By Name/Sort By Unit #	Sort By Name
	Door Release Timer (*4) (GT-DMB only)	Set the duration of door release.	0-20 sec. (0=Momentary)	0=Momentary
	Light or CCTV (*4) (GT-DMB only)	Select the optional device connected to an entrance station.	Light Control/CCTV Switch	Light Control
	Camera Priority (*4) (GT-DMB only)	Set the priority of cameras.	Internal Camera/External Camera	Internal Camera
	Brightness (GT-DMB only)	Adjust the screen brightness.	0-9 (Dark-Bright)	5
	Call Button # for Light Control (GT-DB only)	Set one of the call buttons on the GT-SW as the light button.	No entry or 1-100	No entry
	Night Lighting (*4) (GT-DMB only)	Enable or disable the automatic night lighting function of an entrance station illuminator LED.	Auto Lighting/Always Off	Auto Lighting
Standby Screen	Set the screen type displayed in standby mode.	Greeting/Operation/Picture (GT-DMB only)/ Quick List (GT-DMB only)	Greeting	
Screen Theme (GT-DMB only)	Set the screen background.	A/B	A	

* All items can be set when accessed with the **Admin** authorization.
The items in cannot be set with the **Manager** authorization.

(*3): In a single building system, the IDs must be identical with those set at both Guard Station • Entrance - Guard Info - [Section ID] and Guard Station - Entrance Info - [Section ID].

(*4): For a modular type entrance station, this setting can be done only by using the setting switch on the station.

Item	Description	Setting value/choices	Default	
Guard Station	Entrance Info Enter the entrance station information. * ID1 is unavailable for an entrance station in a multi building system.	<ul style="list-style-type: none"> Section ID: 1-32 ("1" for single building system) Entrance ID: 1-16 for single building system 2-16 for multi building system Entrance #: 1-6 digits Entrance Name: 0-32 digits 	-	
Entrance	Access Code	Set the door release method (either entering an access code or using an NFC card) and the access code (or ID) per residence/tenant. * Up to 500 access codes and NFC IDs can be set at an entrance station * Register the access code (or ID) # in either of the following methods. <ul style="list-style-type: none"> Enter the access code (or ID) # manually. Tap the NFC icon on the screen, then hold the NFC card to the Android device's NFC reader to make the Android device read the access code (or ID) #. NOTE: Do not register the ID of the Android device as the access code.	<ul style="list-style-type: none"> Access Code digits: 4/5/6 Access Code Type: Access Code/NFC Card ID Access Code: Numbers only (Select 4, 5 or 6 digits.) NFC Card ID: 8/14/16/20 (4/7/8/10 Byte), alphanumeric (0-9, A-F (capitals only)) Resident Info./Notes: 0-16 digits alphanumeric 	4 Access Code -
	Greeting (GT-NSB and GT-DMB only)	-	-	-
	Message	Enter greeting message.	Up to 160 characters	-
	Scroll Speed	Set the scroll speed of greeting message.	0-9	5
Expanded Bus Control Unit (GT-BCXB)	Lift Control1 (GT-BCXB-N only)	Set the connection for each GTW-LC. * GTW-LC cannot be installed in a main section. * The connection status can be checked by clicking Check . <ul style="list-style-type: none"> Connection Output Type Select either N.O. (Normally Open) or N.C. (Normally Closed) Timer Set the timer for enabling lift control. 	<ul style="list-style-type: none"> Connection: OFF/ON Output Type: N.O./N.C. Timer: 1-600 sec. 	OFF - -
	Lift Control 2 (GT-BCXB-N only)	Activate relay in corresponding GTW-LC for each resident/tenant station.	1-20	-

* All items can be set when accessed with the **Admin** authorization.
The items in cannot be set with the **Manager** authorization.

How to input a Link ID

* Refer to the GT SYSTEM SETTING MANUAL/Standard & Expanded System - 3 for details.

[Standard System]

- For a standard system residential/tenant station, enter S + "UNIT ID". (Input example: S1, S20).
- For a standard system GT-MKB-N, enter CS + "Guard station ID". (Input example: CS1, CS2).

[Expanded System]

CAUTION

Pay attention to the input method for SUB2A/SUB2B line UNIT IDs.

- For an expanded system SUB1A/SUB1B line residential/tenant station, enter A + "UNIT ID". (Input example: A1, A20, A150).
- For an expanded system SUB2A/SUB2B residential/tenant station, enter B + "250 + UNIT ID". (Input example: B251 when SUB2A/SUB2B line UNIT ID = 1 (250 + 1); B270 when ID = 20 (250 + 20)).
- For an expanded system COMMON1 line GT-MKB-N, enter CA + "guard station ID". (Input example: CA1, CA2).
- For an expanded system COMMON2 line GT-MKB-N, enter CB + "guard station ID". (Input example: CB1, CB2).

2 Downloading/uploading the setting file

* Before downloading the setting file, check that the target stations are in the following statuses:


- Entrance station, guard station: In standby mode
- Expanded bus control unit (GT-BCXB-N): The status LED is off.
- If NFC communication does not start, please check the position of the NFC tag of your android device. If NFC communication does not start when the NFC tag is held to the target station, please remove the SIM card according to the instruction manual of the android device and try it again.

2-1 Downloading the setting file from an entrance station, guard station, or expanded bus control unit using NFC

The following two methods are available.

When using a manager or admin passcode

* This method can be used to download from an expanded bus control unit (GT-BCXB-N).

1 Tap **DOWNLOAD SETTING BY NFC** on the opening screen, or select  from the menu. (*1)

The "Download setting by NFC" screen opens.

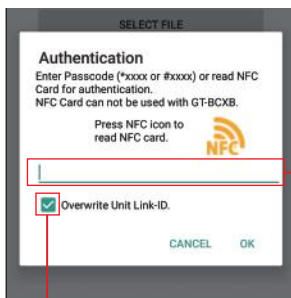
(*1): If  is selected, skip to step 3.

2 Select the authorization level for downloading the setting file (Manager or Admin), then tap **OK**.



3 Enter the manager or admin passcode.

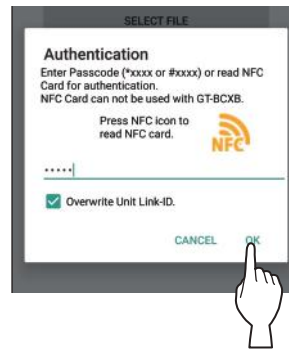
* Enter the manager passcode if "Manager" was selected in step 2. (Default: #2222)
Enter the admin passcode if "Admin" was selected in step 2. (Default: *1111)



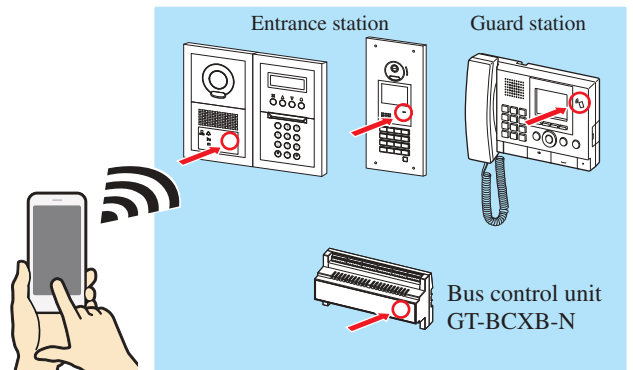
- ① Tap here to display the keyboard.
- ② Enter the manager or admin passcode.

If you will not download Unit Link ID setting data, uncheck this.

4 Tap **OK**.



5 Hold the Android device to the target station.



The manager or admin passcode is read by the target station, and the setting file is downloaded.

When the download is successful, "Download succeeded." is displayed with a notification sound.

* If the download fails, "Download failed. Unable to transfer the data." is displayed.

When using a registered NFC card

NOTE:

The expanded bus control unit (GT-BCXB-N) cannot read an NFC ID. This method cannot be used to download from it. Refer to the previous page for how to download from GT-BCXB-N.

1 Prepare an NFC card for use by the manager or administrator.

* Refer to the "Description" column of **Common** - **Passcode** - **[Manager and Admin NFC Card IDs]** (→ P. 9) for how to set an NFC card ID # as the passcode.

2 Tap **DOWNLOAD SETTING BY NFC on the opening screen, or select  from the menu. (*1)**

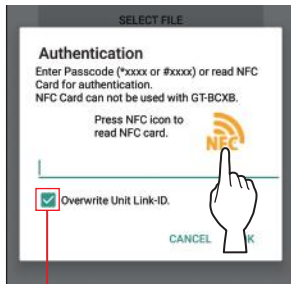
The "Download setting by NFC" screen opens.

(*1): If  is selected, skip to step 4.

3 Select the authorization level for downloading the setting file (Manager or Admin), then tap **OK.**

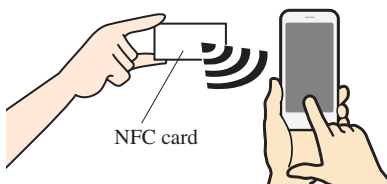


4 Tap the NFC icon.



If you will not download Unit Link ID setting data, uncheck this.

5 Hold the NFC card to the Android device's NFC reader.

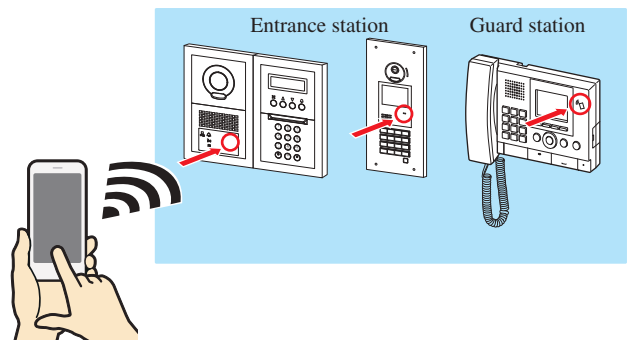


The NFC card ID is read by this device.

6 Tap **OK.**



7 Hold the Android device to the target station.



The NFC card ID is read by the target station, and the setting file is downloaded.

When the download is successful, "Download succeeded." is displayed with a notification sound.

* If the download fails, "Download failed. Unable to transfer the data." is displayed.

2-2

Uploading the setting file to an entrance station, guard station, or expanded bus control unit using NFC

The following two methods are available.

When using a manager or admin passcode

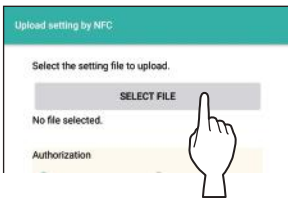
* This method can be used to upload to an expanded bus control unit (GT-BCXB-N).

1 Tap UPLOAD SETTING BY NFC on the opening screen, or select  from the menu. (*1)

The "Upload setting by NFC" screen opens.

(*1): If  is selected, skip to step 4.

2 Select the setting file to upload.



- * Search for the target file in the "Downloads" folder or "Documents\GTData" and display it in the file list.
- * Only files with extension ".gtn" can be selected.

3 Select the authorization level for uploading the setting file (Manager or Admin), then tap OK.



4 Enter the manager or admin passcode.

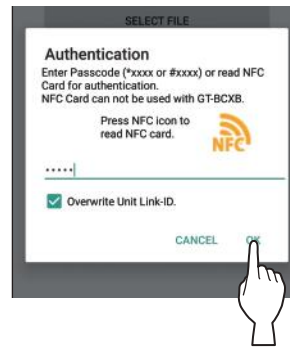
- * Enter the manager passcode if "Manager" was selected in step 3. (Default: #2222)
- Enter the admin passcode if "Admin" was selected in step 3. (Default: *1111)



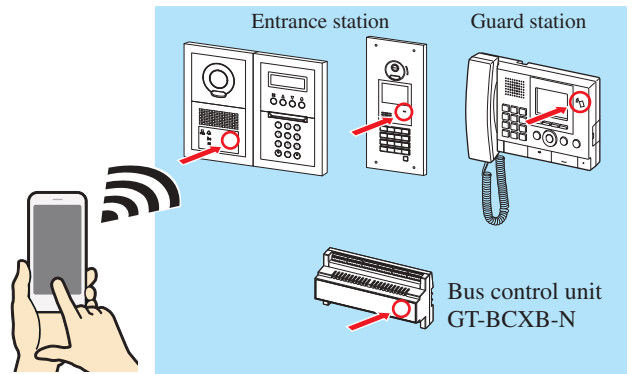
- ① Tap here to display the keyboard.
- ② Enter the manager or admin passcode.

If you will not upload Unit Link ID setting data, uncheck this.

5 Tap OK.



6 Hold the Android device to the target station.



The manager or admin code is read by the target station, and the setting file is uploaded.

When the upload is successful, "Upload succeeded." is displayed with a notification sound.

* If the upload fails, "Upload failed. Unable to transfer the data." is displayed.

When using a registered NFC card

NOTE:

The expanded bus control unit (GT-BCXB-N) cannot read an NFC ID. This method cannot be used to upload to it. Refer to the previous page for how to upload to GT-BCXB-N.

1 Prepare an NFC card for use by the manager or administrator.

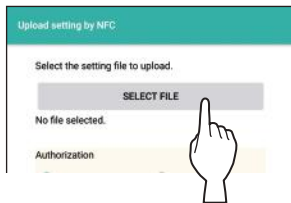
* Refer to the "Description" column of **Common** - **Passcode** - **[Manager and Admin NFC Card IDs]** (→ P. 9) for how to set an NFC card ID # as the passcode.

2 Tap **UPLOAD SETTING BY NFC on the opening screen, or select  from the menu. (*1)**

The "Upload setting by NFC" screen opens.

(*1): If  was selected, skip to step 5.

3 Select the setting file to upload.

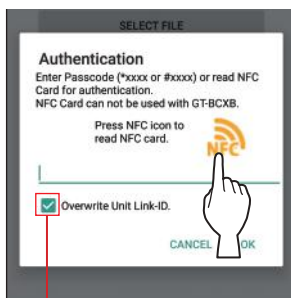


* Search for the target file in the "Downloads" folder or "Documents\GTData" and display it in the file list.
* Only files with extension ".gtn" can be selected.

4 Select the authorization level for uploading the setting file (Manager or Admin), then tap **OK.**

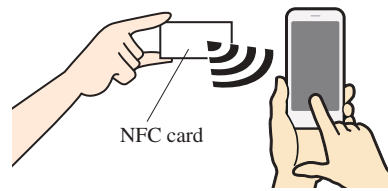


5 Tap the NFC icon.



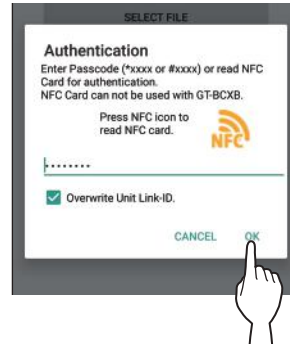
If you will not upload Unit Link ID setting data, uncheck this.

6 Hold the NFC card to the Android device's NFC reader.

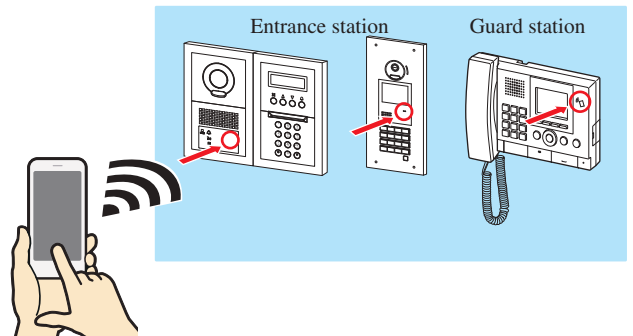


The NFC card ID is read by this device.

7 Tap **OK.**



8 Hold the Android device to the target station.



The NFC card ID is read by the target station, and the setting file is uploaded.

When the upload is successful, "Upload succeeded." is displayed with a notification sound.

* If the upload fails, "Upload failed. Unable to transfer the data." is displayed.

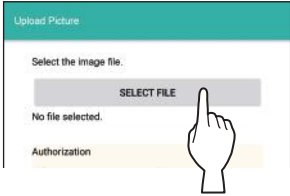
2-3 Uploading a standby picture to an entrance station

* A standby picture can only be uploaded to an all-in-one type entrance station (GT-DMB-N or GT-DMB-LVN).

1 Tap **UPLOAD PICTURE on the opening screen.**

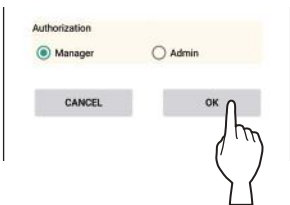
The "Upload Picture" screen opens.

2 Select the image file to upload.



- * Search for an image file in the "Downloads" folder or "Documents\GTData" and display it in the file list.
- * Only files with extension ".gtnb" can be selected. (*1)

3 Select the authorization level for uploading the standby picture (Manager or Admin), then tap **OK.**

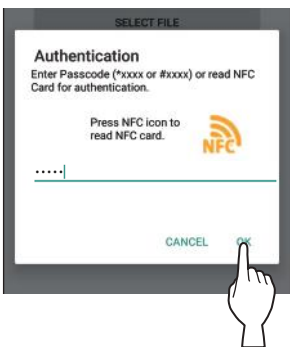


4 Enter the passcode (a) or NFC ID (b).



- (b): Tap the NFC icon and hold the NFC card to the Android device's NFC reader to read the card ID.
- (a): Tap here to display the keyboard, and enter the Manager or Admin passcode.

5 Tap **OK.**



6 Hold the Android device to the target entrance station.



The passcode or NFC card ID is read by the target station, and the picture is uploaded.

When the upload is successful, "Upload succeeded." is displayed with a notification sound.

* If the upload fails, "Upload failed. Unable to transfer the data." is displayed.

(*1): An image file which was converted to a dedicated format (.gtnb) on PC by using the converter that can be downloaded from the Aiphone website (Refer to the **GT SYSTEM SETTING MANUAL/Standard & Expanded System** for details).



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