

GSM Intercom Door / Gate Entry System

NC-GSMDE263

System Installation, Setting and Operation Manual



User Manual (NC-GSMDE263)

Please read this user manual completely before operating this system and keep it in a safe place for future reference.

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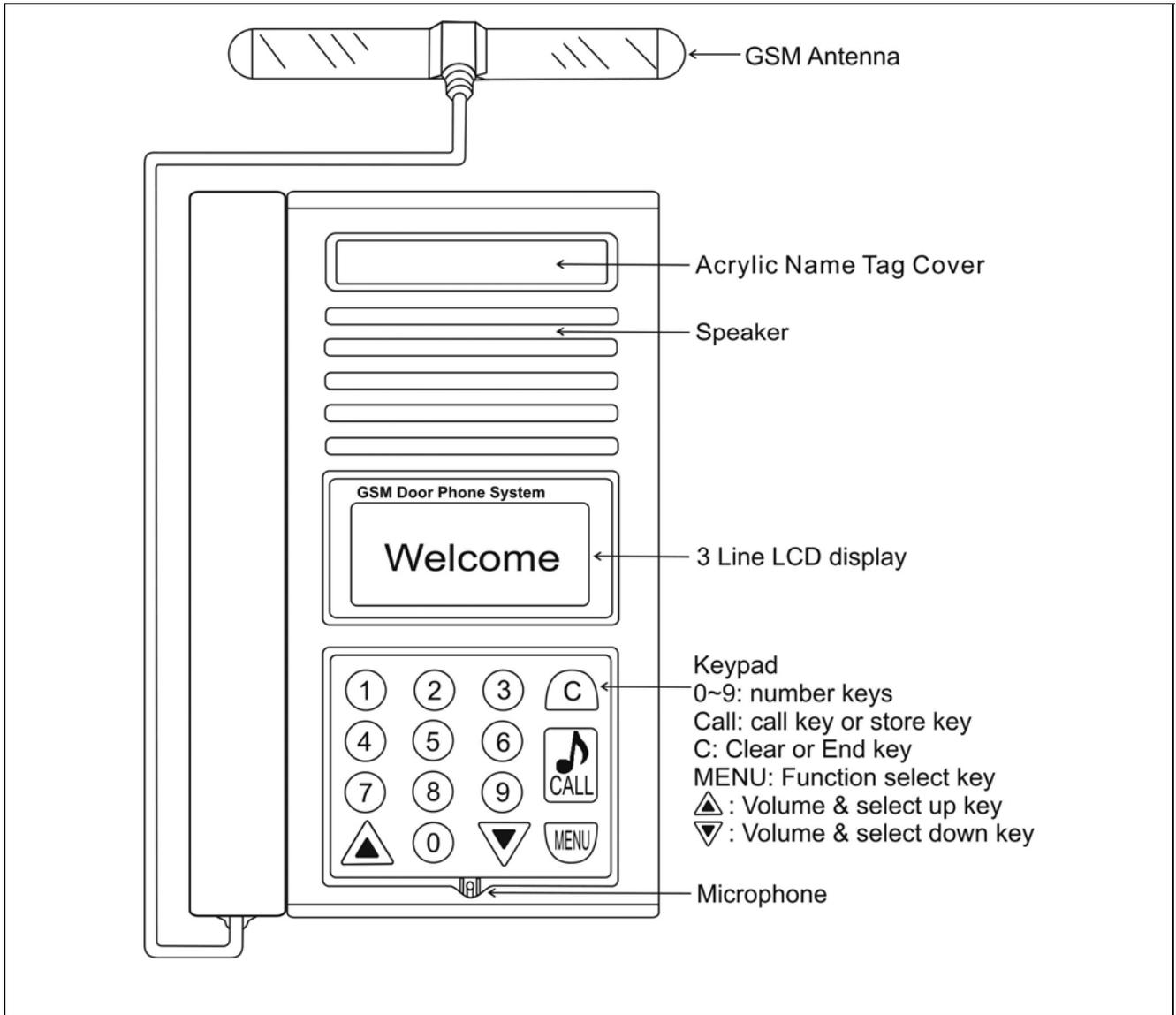
Thank you for purchasing the GSM Intercom Door / Gate Entry System. To ensure that you enjoy the full capacity of this product, please read this user manual before proceeding. Be sure to keep this manual for future reference in case any challenge or question should arise. We hope you enjoy your new GSM Intercom Door / Gate Entry System.

IMPORTANT SAFETY INSTRUCTIONS

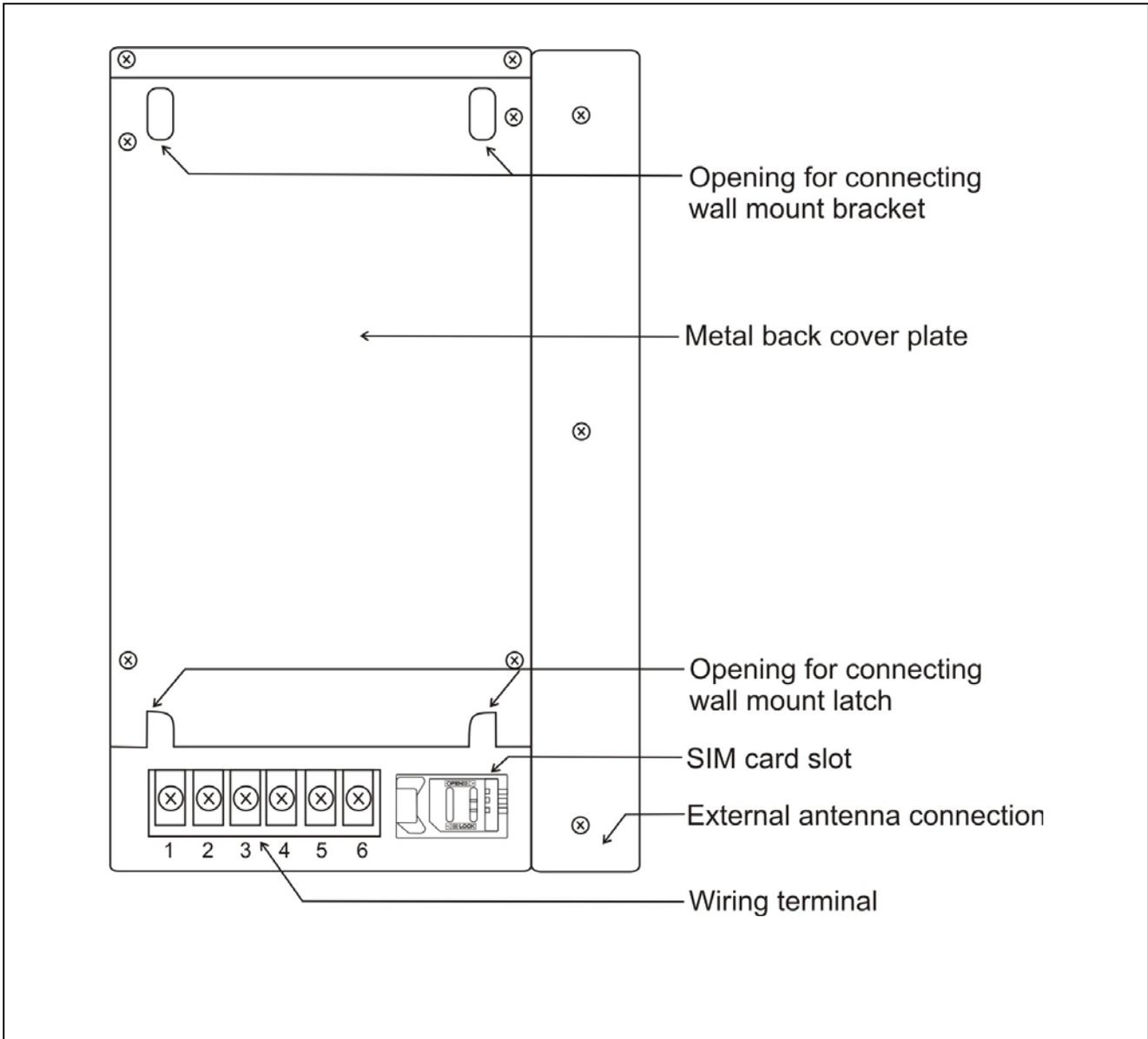
When using your GSM Intercom Door / Gate Entry System, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury. Please read the following before using your equipment.

1. Follow all warnings and instructions on the product.
2. Unplug the product before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
3. Do not use this product near water.
4. Do not allow anything to rest on power cords. Do not place this product in a location where the cords can be stepped on or where someone can trip over them.
5. Do not use this product near an area where there is a potential of gas leaks or near any fumes that can be explosive.
6. Do not place this equipment near or over a radiator or any other heat source.
7. Use ONLY the power adapter supplied with the system.
8. Do not overload the wall outlet or power cord where the power adapter is installed. This can result in fire or electric shock.
9. This equipment is to be opened ONLY by a qualified service technician. There are no user serviceable parts inside. Opening this equipment may expose you to dangerous voltage and other risks. Incorrect reassembly of this equipment may result in electric shock.
10. Avoid spilling liquid on this equipment and do not insert any objects through the ventilation slots.
11. Avoid using this equipment during an electrical storm. There is a remote risk of electrical shock from lighting.
12. Do not use this equipment other than for its purpose intended by the manufacture. Use ONLY the equipment provided by the manufacturer.

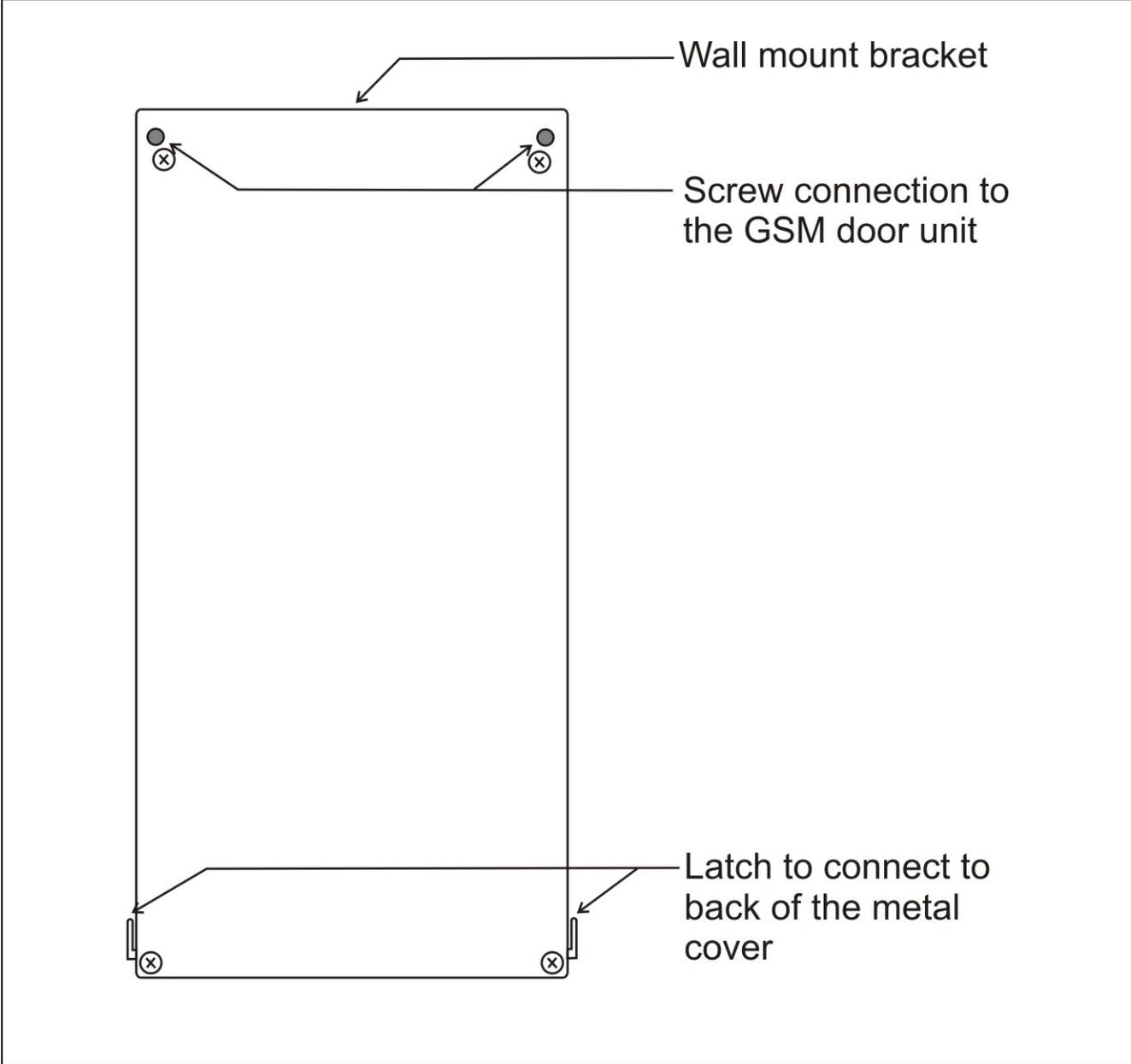
System Diagram (Front View)



System Diagram (Back View)



System Diagram (Wall Mounting Bracket)

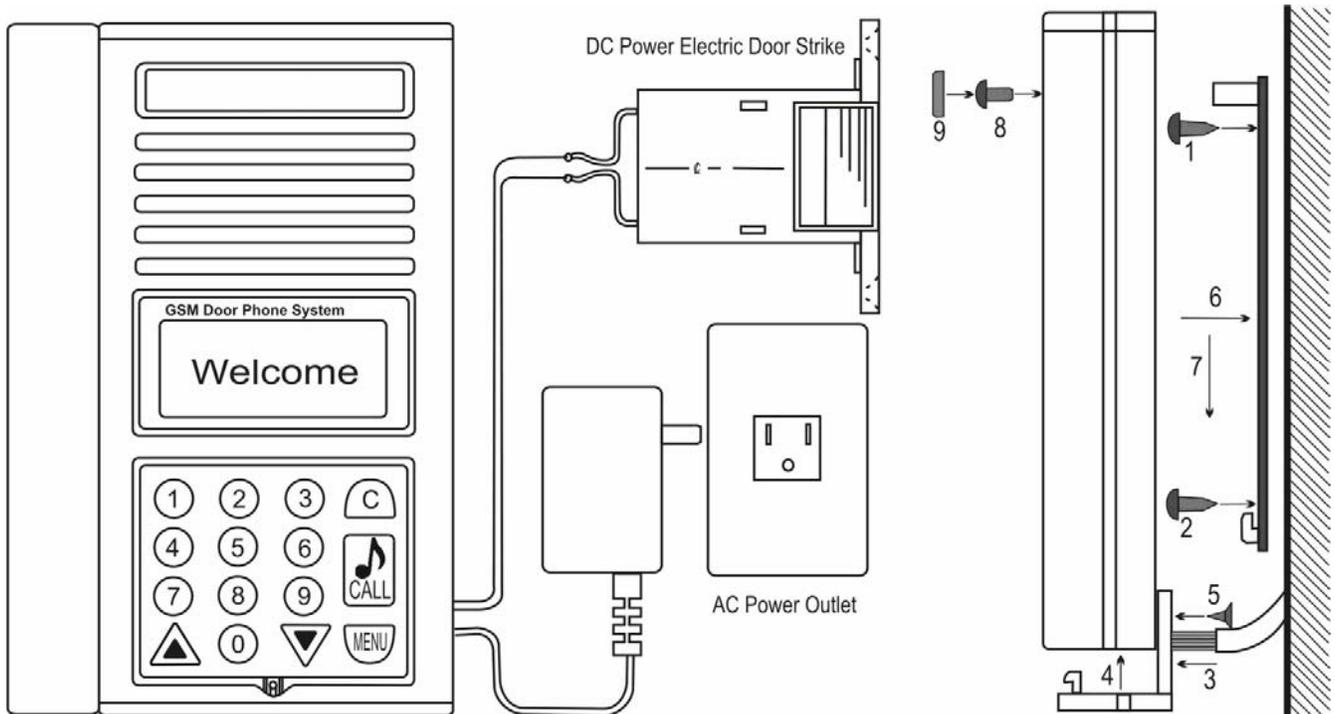


INSTALLATION

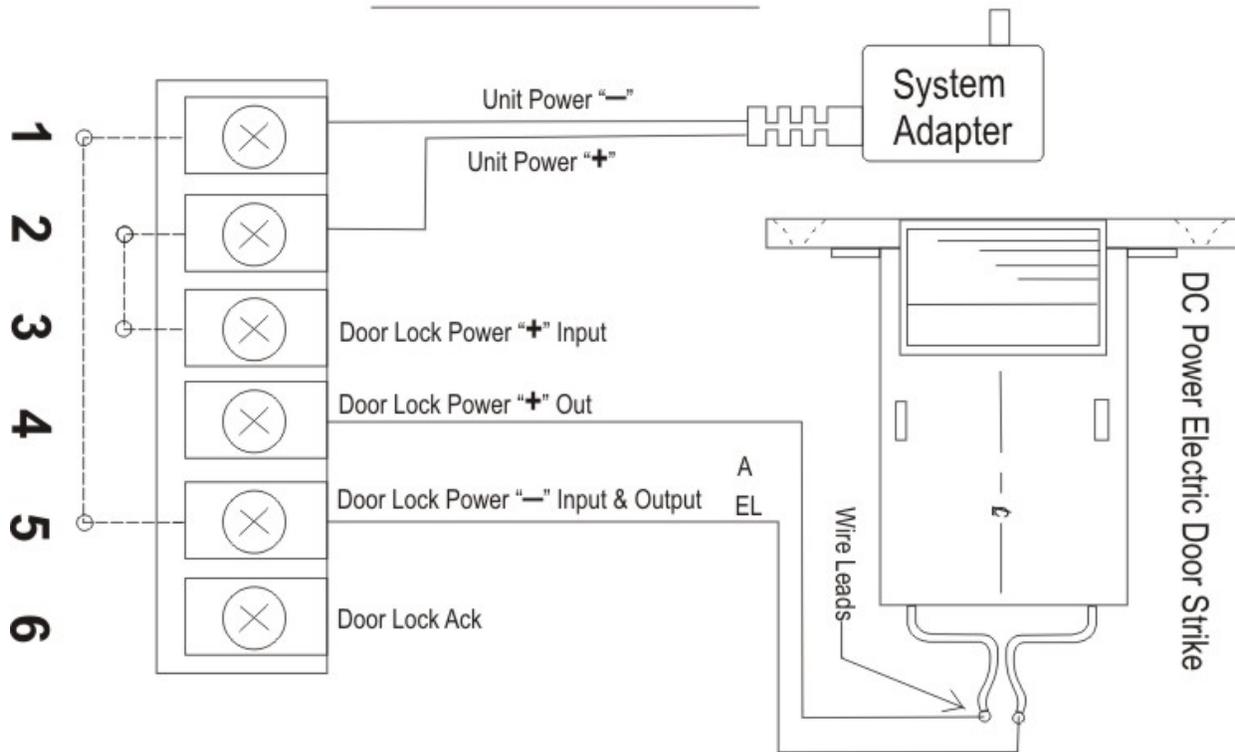
GSM Intercom Door / Gate Entry System

1. Take the wall mount bracket from the package and screw it on proper place. (As shown in Step 1 & 2 below)
2. Open the bottom cover of door unit and pass the wires through wire-hole. Then, refer to the “**Wiring Diagram and Wiring Instruction**” to connect wires and insert the SIM card to SIM card slot. (As shown in Step 3)
3. Put the bottom cover back. (As shown in Step 4)
4. Place door unit on the fixed wall mount bracket. (As shown in Step 6 & 7)
5. Put the acrylic cover on the door unit when door unit has been screwed. (As shown in Step 8 & 9)
6. Plug the AC adapter into the AC outlet; the door unit will go into standby condition.

WARNING: Only use the original power adapter supplied. Using any other adapter might damage the door unit and cause a risk of electric shock.



Wiring Diagram



Wiring Instructions

1. System Power Supply Wiring

The system power supply (adapter) AC 120V or 230V / DC 13V is provided along with the system (please note whether it can meet local voltage specification).

The negative wire is connected to **Terminal Pin 1** and the positive wire is connected to **Terminal Pin 2**.

2. Install Door Lock with System Power Wiring

The door lock may be powered using the system's power supply by connecting the positive wire of the lock to **Terminal Pin 4** and the negative to **Terminal Pin 5**. The ACK wire, if your strike has one, is connected to **Terminal Pin 6**. (The system will supply 12 volts DC at 1000 mA)

3. Install Door Lock with its own power supply Wiring

If the door lock comes with its own power supply or requires more power than this unit will provide, the power should be connected as follows. Remove the jumper wires joining **Terminal Pin 2** and **Terminal Pin 3**. Remove the jumper wires joining **Terminal Pin 1** and **Terminal Pin 5** as well. The positive wire of the power supply is connected to **Terminal Pin 3** and the negative to **Terminal Pin 5**.

The door lock's positive wire is connected to **Terminal Pin 4** and the negative wire is to **Terminal Pin 5**. The ACK wire, if your strike has one, is connected to **Terminal Pin 6**.

OPERATION

- **Before operation:** Please make sure the GSM Intercom Door / Gate Entry System is installed correctly. Please also study all key functions before use.

Power ON/OFF

Turn the power ON

Insert the plug of the power adapter into the DC power jack of door unit and the other end into an AC power outlet.

When the power is on, the system will emit a “beep” sound, show “GSM Intercom Door / Gate Entry System” and software version on screen, “Search Network” for few second, and then show “Welcome!”



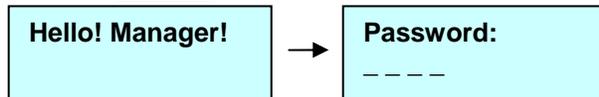
Turn the power OFF

Turn off the door unit by unplugging the power adapter from the AC power outlet.

Manager Mode and Functions

Note: The unit will be time out after 5 seconds if no buttons are pressed.

Press the **MENU** button, and the system will show "Hello! Manager!" "Password:_____"



After entering default password "1234", press the **CALL** button to show the button functions as below:

"CALL: Select/Save"

"C: Delete"

"MENU: Exit/Abort"

"▲/▼: Move cursor"

Press any button or after 6 seconds, it will show:

Manager
Subscriber

Manager Settings:

Under the Manager section, there are 3 main options: “System Setting”, “GSM Setting” and “Door Setting”.

System Setting
GSM Setting
Door Setting

Change Manager Password

Manager Setting → System Setting → Change Password

Note: The Manager Password is the key to enter Programming Mode. Please make sure to keep the Manager Password in a safe place. If you forget the Manager Password, you’ll have to do a Master Reset which will delete your saved phones numbers and settings.

While at the Manager menu option, press the **CALL** button
Select **System Setting** and press the **CALL** button
Select **Change Password** and press the **CALL** button
Enter New password (must be 4 digits)
Enter password again to confirm and press the **CALL** button

Store Manager Telephone Number

Manager Setting → System Setting → Manager Phone#

Note: This will be the number that is called when the **CALL** button is pressed in standby mode.

While at the Manager menu option, press the **CALL** button
Select **System Setting** and press the **CALL** button
Select **Manager Phone #** and press the **CALL** button
With cursor on the **1**, press the **CALL** button to enter phone number
Enter phone number with prefix and area code, then press the **CALL** button to save.
(If you enter a number incorrectly, use the arrow keys to move forward or backward. The **C** button will clear a digit you do not want.)
Press the **MENU** button to return to previous options screen

Set Minutes for Talk Time

Manager Setting → System Setting → Talking Time

While at the Manager menu option, press the **CALL** button

Select **System Setting** and press the **CALL** button

Select **Talking Time** and press the **CALL** button

Input the number of minutes you'd like the intercom to be able to talk without having to redial, then press the **CALL** button to save.

Press the **MENU** button to return to previous options screen

GSM Settings

Change GSM Password

Manager Setting → GSM Setting → GSM Password

Note: This feature is not utilized in North America and is therefore disabled, as a password is not required to make a call on U.S. GSM networks.

Change Microphone Volume

Manager Setting → GSM Setting → Mic. Volume

Note: There are 9 levels of sensitivity for the microphone volume going from left (least sensitive) to right (most sensitive). If the GSM Intercom Door / Gate Entry System is installed in an outdoor environment, please set the microphone level to 3 or 4. This can help to reduce picking up too much background noise and/or feedback from the speaker.

While at the Manager menu option, press the **CALL** button

Select **GSM Setting** and press the **CALL** button

Select **Mic. Volume** and press the **CALL** button

Press the **▲/▼** (UP/DOWN) buttons to adjust volume.

Press the **MENU** button to return to the previous options screen and the last setting will be saved automatically.

Change Speaker Volume

Manager Setting → GSM Setting → Speaker Volume

Note: There are 9 levels of speaker volume level from left (softest) to right (loudest). If the GSM Intercom Door / Gate Entry System is installed in an outdoor environment, please set the speaker level to 5 or 6. Avoid setting the speaker volume to the maximum level as it may cause feedback.

While at the Manager menu option, press the **CALL** button

Select **GSM Setting** and press the **CALL** button

Select **Speaker Volume** press the **CALL** button

Press the **▲/▼** (UP/DOWN) buttons to adjust volume.

Press the **MENU** button to return to the previous options screen and the last setting will be saved automatically.

Change Speaker Volume During conversation

At any time during the conversation, if the caller needs to increase the speaker volume, the caller can press the **▲/▼** (UP/DOWN) buttons to adjust speaker volume. The screen will show the current speaker volume and the microphone will be mute for 1.5 seconds, then the conversation will be continued.

Door Setting

To Activate / To Deactivate Open Door lock by Password

Manager Setting → Door Setting → Open by Password

Note: If your GSM Intercom Door / Gate Entry System is connected with an electric door strike, you can activate the password feature to open the door lock with a password. The default password is “1234”.

While at the **Manager** menu option, press the **CALL** button

Select **Door Setting** and press the **CALL** button

Select **Open by Password** and press the **CALL** button

Press the **CALL** button to toggle between “**Enabled**” and “**Disabled**”

Press the **MENU** button to return to the previous options screen and the last setting will be saved.

Change Opening Door Password

Manager Setting → Door Setting → Opening Password

Note: This GSM Intercom Door / Gate Entry System system allows the user to open door by pressing the 4 digits Password Code. This feature is for easy access control. We suggest changing the Opening Door Password every month or every two weeks for security reason.

While at the **Manager** menu option, press the **CALL** button
Select **Door Setting** and press the **CALL** button
Select **Opening Password** and press the **CALL** button
Enter password (must be 4 digits)
Press the **CALL** button to save the new password
Press the **MENU** button to return to previous options screen

Door Opening Time

Manager Setting → Door Setting → Door Open Time

Note: This GSM Intercom Door / Gate Entry System allows the user to set how long the door dock will be open for. In some situations, the user might need more time to reach from the door phone unit to the locked main gate. We suggest the user to set enough time to allow him/her to walk without hurry.

While at the **Manager** menu option, press the **CALL** button
Select **Door Setting** and press the **CALL** button
Select **Door Open Time** and press the **CALL** button
Enter the number of seconds (from 03 to 99 seconds)
Press the **CALL** button to save
Press the **MENU** button to return to previous options screen

Subscriber:

The Subscriber function of the GSM Intercom Door / Gate Entry System gives the ability to set up multiple tenants and enable the user to press a subscriber number followed by the **CALL** button to connect with the tenant. A Subscriber ID # can be from 1 to 6 digits in length. There is a maximum of 263 subscribers which can each have 2 phone numbers programmed.

The first registered phone number will be the first number that the GSM Intercom Door / Gate Entry System will call. If the first registered number is busy or no one answers the call, the door phone will automatically dial the second registered number. We suggest that the first number be the home phone number and the second number be a mobile phone number.

Setup Subscriber ID Number

Subscriber Setting → Enter Subscriber ID

Select the **Subscriber** menu option and press the **CALL** button

You can choose from 1 digit to 6 digits for the Subscriber ID.

Enter Subscriber ID “_____” and press the **CALL** button

Select **Yes** to add the new **Subscriber ID** and press the **CALL** button

Select **1** to add a phone number press the **CALL** button

Enter a phone number with area code, then press the **CALL** button to save

Press the **MENU** button to exit

Enable or Disable the Subscriber ID Number

Subscriber Setting → Enter Subscriber ID

Select **Subscriber** menu option and press the **CALL** button

Enter the **Subscriber ID #** in which you wish to **Enable** or **Disable**

Select **Enter Subscriber ID #** and press the **CALL** button

Select **Status:** and press the **CALL** button to select “**Normal**” or “**Inhibit**”

To **Enable** the **Subscriber ID** select “**Normal**”

To **Disable** the **Subscriber ID** select “**Inhibit**”

Press the **MENU** button to return to the previous options screen and the last setting will be saved.

If “**Inhibit**” is selected, the number dialing will be not allowed. And, the screen will show “Contact with Manager”.

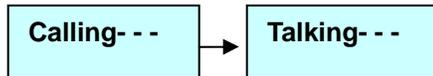
**Contact with
Manager**

If “**Normal**” is selected, the number can be dialed normally.

Contacting a Subscriber

At the "Welcome!" screen, enter **User ID number** (from 1 ~ 999999) and then press the **CALL** button.

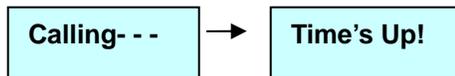
If the ID exists, the system will start dialing and show "Calling..." on the screen. When the phone is connected, the screen will show "Talking".



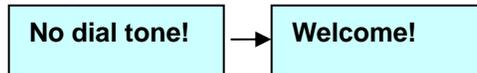
If the ID does not exist, the screen will show "Incorrect!".



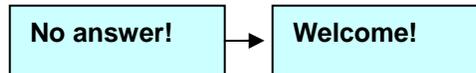
If the ID exists, but there is no number assigned, the screen will show "Calling...", but will never connect and time out after 3 minutes. In order to avoid this problem, please make sure to input the phone number on each User ID.



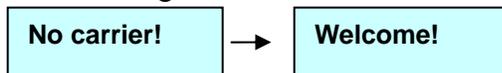
If the dialing attempt fails, the screen will show "No dial tone" and go back to "Welcome!".



If the call is not answered within a 1 minute, the screen will show "No Answer" and go back to "Welcome!".



During a conversation, if the other party hangs up or the line is cut, the screen will show "No Carrier" and go back to "Welcome!".



During a conversation or while dialing, pressing **MENU** or **C** button will stop the conversation.

Open the Door Remotely

During a conversation, the called party can press the ***** button to open the door. The door-open time can be set by user. The default setting is 3 seconds.

Go Back to “Welcome!” Screen Automatically

If the manager password has been entered and then no button is pressed within 30 seconds, the screen will go back to the “Welcome!” screen

If a **Subscriber ID** is entered and no button is pressed within 6 seconds, the screen will go back to the “Welcome!” screen.

If no button is pressed within 30 seconds, while in the **Manager** or **Subscriber** options, the screen will go back to the “Welcome!” screen.

SIM Card

If the SIM card is not inserted, the screen will show “SIM not inserted” when the system is turned on.



SIM not Inserted

Call Manager

If a “Manager Phone #” has been programmed, the system will directly dial this number when the visitor presses the **CALL** button at the “Welcome!” screen.

If a “Manager Phone #” is not stored, no action will result by pressing the **CALL** button

Screen Saver

To save power and promote the longevity of the screen, after 30 seconds of standby, the screen will turn off automatically.

Master Reset

The following sequence will bring the unit back to factory defaults. Please note that this will erase all passwords, phone numbers, and subscribers.

At the “Welcome” screen, press **C, UP, UP, UP, DOWN, DOWN, DOWN, CALL** buttons in sequence. It will say “Initial System Please Wait...”, then all is back to square one.