



恒远电子有限公司

User Manual of HY-2613A

MMcall Wireless Calling & Service System

Please read this manual before using the product!

Keep it for future reference!

If you have any questions, please contact us.



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I. Introduction:

This system is constituted by host (screen), requester (button) and remote controller. Basic function is when there is call from requester; the host will display the requester number and with a clear sound prompt.

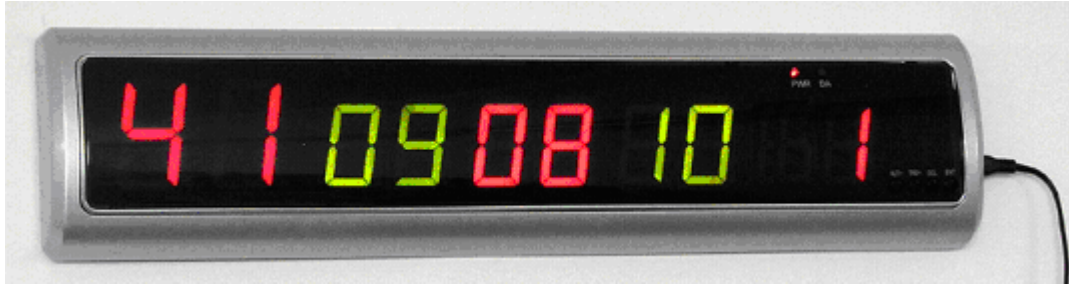
With so many advantages like high efficiency, good quality, long distance, etc. this system is common applied in hotels, restaurants, tea & coffee houses nightclubs, etc.

II Basic function

- a. The information display can display 4 requester numbers simultaneously, very clear, and can heighten efficiency.
- b. When it display “ the screen is full”, there also can be 12 numbers lining up, no missing, so it can reduce carelessness,
- c. If there is one number, the number will display on the first place; if more than 4 numbers, the waiting number will display on the waiting place.
- d. If use 3-button requester, when press “service” button, the number will display statically, when press “bill” button, the number will flash, when press “cancel” button, the number will disappear,
- e. You can cancel the relative number on the screen by “1, 2, 3, 4” button on the remote controller. And then the waiting number will appear.
- f. You can set “automatic cancel time”, means how long the number on the screen will disappear automatically.
- g. You can cancel the first number by “DEL” or” ENT” button on the remote controller with has the same function of “1” button.
- h. You can modify the volume by buttons on remote controller or on screen. The volume range is from 0 to 31. “0” is silence.

III System appearance

1) Host: there are 4 requester numbers and 1 waiting number.



2): Remote controller:

There are 8 buttons on it. “1, 2, 3, 4” are cancel buttons. “ESC”,“ENT”“-/ALT”, “+/TAB”are multi-function buttons.



There are 8 buttons on the remote controller. “1, 2, 3, 4” are cancel buttons. “ESC”“ENT”“-”, “+”are multi-function buttons.

3、Requester:

Model:HY-2010N3



IV System parameter

Requester capability	199
Number restriction	01-99, or A0-J9
Coverage of the requester	100m (open air)
Requester frequency	433.500MHz
Requester transmit power	<30mW
Requester power supply (2610N3 /2610E3)	4.5V, 3 No.7 batteries/ 12V, 1 No. batteries
Host receiving sensitivity	-105DB
Host power reply	AC 220V/DC 12V
Decode time	1-2s
Requester antenna	inside
Host antenna	Inside
Code mode	Self study

V. Setup

Power on the host first, and all the numbers will be “8”. then the host will display —HOST----, and then the volume grade. And then it comes to working mode, on which you can set it.

1) Set requester number:

- a. On working mode, Press the ENT button on the host for 4 seconds without release, then the host displays 01 SET, which means it comes to set mode.
- b. Now the screen displays 01 SET, the low digit-1 is flashing, means this place can be modified to any figure from 0-9 by“ALT/-”button on host , “TAB/+” button can change the flashing digit. E.g., move to high digit, you can modify it to any figure from 0-9 and any letter from A-J by“ALT/-” button. Its total capacity is 199 numbers.
- c. After modifying number to what you want, e.g. 16 SET, press “ENT” button, then the screen displays 16 PUSH, prompt you to press button of the requester.
- d. Press the button of the requester within 5 seconds; the screen will display 16 OK,

means set up successfully, at the same time, the low digit-6 flashing, you can go on setting other requester numbers.

- e. After setting up all the requesters, cut off the power of the host and power on again or wait for 20 seconds, the screen will back work mode, then you can use this system now.

2) Delete requester number:

- a. Do as “a” and “b” steps of the above, then enter to set up mode, and modify numbers.
- b. After modifying the requester number you want to delete, e.g. 16 SET, press “DEL”, then the screen displays 16 DEL, means this number has been deleted, at the same time, low digit-6 flashing, you can go on deleting or set up other requesters.
- c. After deleting requester number, cut off the power of the host and power on again or wait for 20 seconds, the screen will back work mode.

3) Clear up all the requester number:

- a. Do as the first two steps of “set up requester number” to enter to set up mode, and modify number to “00”.
- b. Screen displays 00 SET, then press “DEL” button, when screen displays CLR, means all the numbers of the requester are deleted.
- c. After that, cut off the power of the host and power on again or wait for 20 seconds, the screen will back work mode.

4) Modify volume:

- a. On working mode, Press the “ALT/-” button on the host for 4 seconds without release, then enter to modify volume state, the host displays volume grade, e.g. 10-SOUND.
- b. Then the screen displays current volume band, e.g. 10—SOUND, press “ALT/-” or “TAB/+” buttons can increase or decrease the volume.
- c. After modify to suitable volume, press “DEL” or “ENT” or wait for 10 seconds, you can exit from volume modifying state.

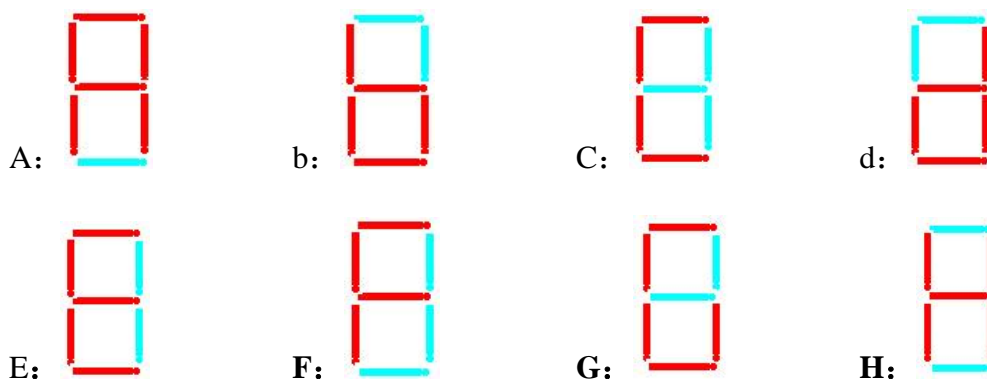
5) Set automatic delete number time

- a. On working mode, Press the “TAB/+” button on the host for 4 seconds without release, then the host displays 15 SESEC, means to set automatic delete number state.
- b. After modify to suitable time, press “ENT” button means record successfully.
- c. Press “DEL” button or wait for 20 seconds, you can exit from setting state.

VI Notes

- a. The requester number can be set range from 01 to 99, or A0 to J9, but couldn't be 00.
- b. XX SET。 When set requester number, at XX PUSH state, if you do not press the button of requester within 5 seconds, then the host will back to XX SET state.
- c. no matter at which set state, if you do not press any key of the remote controller within 20 seconds, then the host will withdraw setup state and back to working state.
- d. If you set one requester to No.1, and you set it again to No.5. Then it will be No.5 in this system.
- e. When set host with remote controller, press “1, 2, 3, 4” any button, the host withdraw setup state and back to working state.

VII Appendix: Letter display





VII Setup signal enhancer

HY2611D is used for enlarge system coverage. Add one signal enhancer; the coverage will enlarge to twice of the former distance.

1) Remember the feature code of Requester

The enhancer can remember 80 feature codes of Requester, when it receives information from Requesters, it will judge whether the information is in its control sphere, if so, it enhance the signal, if not, it won't work.

The set-up process is as following:

After connect to power, press the button of TX for 4 seconds, then TX light will shiny. This means it enters to remember state, then press the calling button of Requester which is need to be remembered, if the TX light flash, it mans remember successfully.

If press the button of TX once, then the TX light will put out, which means withdrew from remember state.

2) Delete the feature code of Requester

When you don't need the enhancer to control some requesters, you can delete corresponding remember from enhancer

The deleting process is as following:

After connect to power, press the button of RX for 4 seconds, then RX light will shiny. This means it enters to delete state, then press the calling button of Requester, which is needed to be deleted, if the RX light flash, it mans delete successfully.

If press the button of RX once, then the RX light will put out, which means withdrew from delete state.



3) Delete all the feature code of Requester

Delete all the feature code of Requester means back to the original state of the enhancer

The delete process is as following:

After entering the third step of the above, press the button of RX for 4 seconds, if RX light put out, it means delete successfully.

This device complies with Part 15 of the FCC Rules and RSS-210 of IC Rule. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.