

WM-73 Wireless Intercom User Manual

I. Product Features

1. Wireless audio intercom system can support 100 persons intercommunicating at most.
2. Using 433MHz public frequency.
3. Air transfer rate: 256K .
4. Transmitting Power: < 18dBm, Receive Sensitivity: <-100 .
5. Strong anti-jamming capability .
6. Panel with 10 number buttons, a call button and two indicator lights: power indicator light (red), operating indicator light (green).
7. With coding, Giving code, ID setting functions.
8. DC5V,or Li-ion battery power supply, Standby Current:3.5mA, Work current:400mA.
9. Communication distance: more than 1000 meters in open land.

II. General Operation



Charge

Connect the plug to power source.



Standby status

Standby status: the intercom always in the receiving signal status, light indicator flashes 4 seconds per time.



How to make a call

Calling intercom

A: Dial the ID number of the intercom you want to call, then press CALL button to confirm, RED light bright and enter calling status.

B: If there is no signal, the calling intercom will sound “di..” 4 times to show no signal and then end calling.

C: If have signal then the call is made

1). If no answer, it will sound “Du...” 15 times then auto exit calling. But the called intercom can answer the call within one minute. If no answer within one minute, calling will end automatically.

2). If someone answer the call, the sound “Du..” will stop, GREEN light on and enter conversation status.

Called intercom

1) If the called intercom receive signal but no one answer the call, RED light on and stop sounding after two “Ding Dong, then enter standby status after 1 minute.

2) If someone answered the call, stop sounding and GREEN light on, then enter conversation status.

3) If the called intercom is busy, the calling intercom will sound two “Di..” to prompt busy and return to standby status auto.



Hang-Up

When the called intercom hang up, the calling intercom will sound “di..” one time and end the call. The calling intercom can hang up initiatively during conversation to end the call.



Press the CALL button again in calling status:

The called intercom will only sound "Dingdong" two times when is called, you can repeatedly press the CALL button on the calling intercom to make the called intercom sound "Dingdong" repeatly.



Note: The intercom ID number at most with two numbers, when in standby status or ID setting status, after pressing the number button the green light will flash one time to show that pressing button operation is successful (if already pressed the number button 2 times, more operation of pressing the number button will be unavailable,

the green light will not flash. Repressing the button after 4 seconds will be available again). Number button pressing operation is available in 4 seconds, if not confirmed by press the CALL button in 4 seconds the ID number record will be cleared.

III. ID setting, Coding, Give code and Receive code instruction:

Important: your intercoms have been programmed in factory, you don't have to program again for initial use. If you want to make related setting operation you have to make your intercoms go to setting status, then you can make the related setting operation.

How to enter Setting Status: Press and hold the NO.1.8 button at the same time for around 4 seconds on the intercom you want to set till the RED light on and sound “di” then release ,after that the RED and Green lights both will bright and go to setting status.

ID setting (How to set ID number for the intercom)

- 1) Have your intercom gone to setting status
- 2) Press CALL button till the GREEN light on, then release and go to set ID number for the intercom
- 3) The ID can be any number from 0~99, press the ID number you want to set for the intercom then press CALL button again to confirm. If ID setting succeeds, the RED and GREEN lights both will bright and sound "di di di" to prompt ID setting successfully, and return to setting status.
- 4) Press and hold NO.9 button till it sound "di di " then release to exist setting status and return to standby status. ***(or hang up to exit and go to standby directly)***

Remark: if ID setting operation failed please redo above steps.

Coding (Initial coding)

- 1) Choose any two intercoms having been set ID, and make the two intercom go to setting status
- 2) Press NO.3 on one of them (say master intercom) and the Red light will bright , then press NO.5 on the other one(say slave intercom) and Red light bright .
- 3). Coding time is around 30 seconds, if coding succeeds, the RED and GREEN lights flash 3 times in turn and both of intercoms sound “di di di”.
- 4) After coding successfully, the two intercoms will auto return to standby status. ***(or hang up to exit and go to standby directly)***

Remark: if coding operation failed please redo the above steps

Give code and Receive code (Add more intercoms to the exist system / Expand system)

- 1) First please set ID number for the new intercom which you want to add to the exist system
- 2) Give code: Take one of the intercom from the programmed system as master intercom , and make it go to setting status, then press NO.4 on master intercom till the RED light on then release to go to give code status
- 3) Receive code: Make the new intercom go to setting status, then Press NO.5 button on the new intercom till RED light on then release and go to receive code
- 4) If receive code succeeds, the new slave intercom will sound “di di di” , RED and GREEN lights will flash 3 times in turn to prompt success and return to standby status. Master intercom's RED light will keep light on to give code to other new intercoms. If you have added enough intercoms to the exist system, you can press NO.9 button on the master intercom to make all the intercoms exit setting mode and return to standby mode. ***(or hang up to exit and go to standby directly)***

Remark: if expand system operation failed please redo above steps