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10-CHANNEL WIRELESS INTERCOM

INSTRUCTION MANUAL MODEL:HY-810

Hosmart was founded in 2012 by a former group of Motorola engineers and designers. Now fast forward a few years and we are now the industries leader in home intercom and security products.
Our vision is to become the world leader in home intercom products and solutions. We design as well as engineer intelligent home intercom systems. We want to be your homes solution. Our company philosophy is to focus our efforts and energy based on our client's wishes.

We are confident that you will enjoy and be satisfied with our products. Any damage or malfunction of Hosmart product is 100% guaranteed to be replaced.

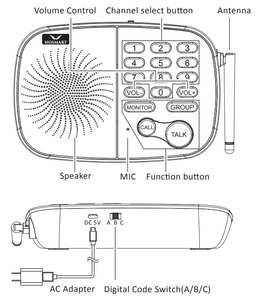
If you have any questions with the unit, please contact us by navigating to **www.myhosmart.com**, then click **Warranty**, and fill out the form, we will assist you as quickly as possible.
✉ **E-mail: service@hosmartmall.com**
✆ **Phone: (626)-620-3571**

FCC SATEMENT

FCC ID: FCC ID: 2AJEM-HY810
Power: DC 5V 1000 mA Input: 100-240V Output: 5V
THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:
(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICEMUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.

OVERVIEW

The intercom has a range of 1/2 mile and is able to simultaneously function multiple conversation using a 462Mhz secure digital radio link. The intercom is a half duplex TDD FM transceiver that it can only work alternately in the transmitting or receiving state.



FEATURES

ANT(antenna)
Receiving and emitting FM wireless signal.

MIC
Talk to MIC 30-40cm away from it with normal volume.

DIGITAL CODE(A/B/C)
It can reduce external interference by changing different digital code.
Note: CODE key is on the back of device and beside power port.

CALL
To make a call, select the channel you want to communicate with and press "CALL".

TALK
Press and hold "TALK" when speaking. Release "TALK" to listen for a response. The indicator becomes OFF, the voice information is be sent out.

MONITOR
Pressing "MONITOR" puts the unit in monitor mode, and the unit will be monitored by other units, that have been set to the same code and channel, for 24 hours. Press any key to exit monitor mode.

GROUP (Group-Call Function)
Press and hold "GROUP" to talk to all intercoms simultaneously, even the device in different channel code.

0-9 channel number
Set the channel for each intercom. The default channel is #1. Set the channel by pressing and holding one of the channel buttons （1 thru 9 and 0) for 3 seconds, until you hear the **Beep** and the channel button lights. Set channels on additional intercoms using the same steps. Intercoms may be set to the same or different channel numbers depending on intended use.

Volume Adjustment (VOL+/VOL-)
Press "VOL -" or "VOL +" to decrease or increase the volume level. A tone will sound when you have reached the maximum or minimum limit.
Note: To choose different ring tones
Step 1. Press and hold the "VOL +" and then press the "VOL-" to enter the ring tone select mode .
Step 2. Press "VOL +" or "VOL -" to choose the ring tone you like. There are 4 kinds of tones for you to choose.
Step 3. Press the "VOL +" and "VOL -" buttons simultaneously to exit ring tone setup mode.

SETTING CHANNEL

Please set different channel for different devices by following steps :

1). Use the AC adapter to plug the intercom into a power outlet.
2). Set the channel for each intercom. The default channel is #1. Set the channel by pressing and holding one of the channel buttons（1 thru 9 and 0) for 3 seconds, until you hear the Beep and the channel button lights. Set channels on additional intercoms using the same steps. Intercoms may be set to the same or different channel numbers depending on intended use.
3). Please keep digital code consistent in setting channels, for example: all equipment uses code A, and please record the channel code of each office/room, to enable you to rapidly and accurately call others.

Channel	2	3	4	5
Code	A	A	A	A
Device Location	General Manager Room	Financial Department	HR Department	Sales Department

USING ADDITIONAL STATIONS

You may add additional stations to the system as long as they transmit on the same frequency.

OPERATION

Receive a Call
A device will emit a series of rings when receiving a call from another device. Press and hold the TALK button to answer the call, and speak 30-40 cm toward the MIC in a normal voice. The blue LED indicates that Talk mode is active. Release the TALK button to listen for a reply. All devices set to the same channel will receive the transmission.

Make a Call
Select the desired channel by pressing and releasing a channel button, then press CALL. This will ring all devices set to that channel. Continue the conversation as described in "Receive a call".
Notes:
• *You will not be able to hear a transmission from another device while you are pressing the TALK button.*
• *When talk ends, the channel of calling unit automatically change to the originally set channel after 1 minute.*

CAUTIONS

The following will help you maintain your wireless intercom for years to come.
* Keep stations from getting wet. It is not waterproof.
* Keep stations in a control environment. No extreme temperatures.
* Handle the stations with care. No dropping, throwing or roughness.
* Keep stations clean from dust and dirt for this can damage the circuit board.
* Do not use chemicals or cleaning solvent. Simple use a damp cloth to clean the station.
* Modifying or tampering with the stations internal components can cause it to malfuction as well as null or your warranty.
* If your product is not working as advertised then return it to local retailer for assistance or contact us at our e-mail.

If you have any questions with the unit, please contact us by navigating to **www.myhosmart.com**, then click **Warranty**, and fill out the form, we will assist you as quickly as possible.
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THE FCC WANTS YOU TO KNOW

Your intercom may cause TV or radio interference. To be certain turn off your intercom and check your TV or radio on its performance. If still receiving interference, rest a sure it is not your intercom. You may try to eliminate interference by:
* Moving your stations further away from the receiver.
* Moving your stations further away from your TV or radio.

If these options do not solve your problem the FCC requires you to stop using your intercom. Change or modifications not approved by the party responsible for compliance coud void the user authority to operate the equipment.

Troubleshooting

Problem	Possible Solution
Power light does not turn on.	-Is AC adapter and usb cable connected properly?
Can not receive response.	-If the intercom is set in Monitor Mode. -You will not be able to hear a transmission from another device while you are pressing the TALK button.
Can not talk to other intercom	-Press and hold down TALK to communicate after other unit finished talk.
Continuous beeping sound	-Are the intercoms too close causing Audio feedback?
Unit does not work	-If the walls are too thick or if the building is mental causing no signal to pass through?
White noise, can not communicate	-Change location by using Power Bank, moving to other locations for better reception and transmission.
Intercom is not getting expected transmission range	-Keep intercom away from metal objects and electrical wiring.
Static and feedback is heard in intercom	-The intercoms are too close to each other.A cordless phone,cell phone or other radio devices can also cause static.

Specifications for Individual units may vary.
Specifications are subject to change and improvements without any notice.

UNNECESSARY WHITE NOISE FROM NEAR BY DEVICES:(CTCSS)

A/B/C Code:
If receving unnecessary noise on setting A or C code. You may switch your intercom system (all unites) setting to B or C code.

Note:
Monitor Fuction- For continuous talk or room monitoring which can last up to 24 hours.
FRS Frequencies

CHANNEL	FREQUENCY (MHz)	CODE
1	467.6375	1:DCS 734N; 2:DCS 732N; 3:DCS 731N
2	462.5875	1:DCS 734N; 2:DCS 732N; 3:DCS 731N
3	462.6125	1:DCS 734N; 2:DCS 732N; 3:DCS 731N
4	462.6375	1:DCS 734N; 2:DCS 732N; 3:DCS 731N
5	462.6625	1:DCS 734N; 2:DCS 732N; 3:DCS 731N
6	462.6875	1:DCS 734N; 2:DCS 732N; 3:DCS 731N
7	467.7125	1:DCS 734N; 2:DCS 732N; 3:DCS 731N
8	462.5500	1:DCS 734N; 2:DCS 732N; 3:DCS 731N
9	462.5750	1:DCS 734N; 2:DCS 732N; 3:DCS 731N
0	462.6125	CTCSS CODE: 118.8Hz
GROUP	467.6125	DCS CODE: 627N

Limited 12 months Warranty

EXCEPT AS PROVIDED HEREIN, SELLER MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN, EXCEPT AS PROVIDED HEREIN, SELLER SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL,OR CONSEQUENTIAL DAMAGES,EVEN IF SELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

In the event of a product defect during the warranty period, contact the Seller to obtain an RBM#, and then return the product, along with the sales receipt as proof of purchase date, to Seller. The Seller will, at its option either correct the defect by product repair without charge for parts and labor; replace the product with one of the same or similar design or refund the purchase price.

All replaced parts and products and refunded products become the property of the Seller. New or reconditioned

parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repairs on products no longer covered by warranty.

For all returns, please write down the RBM# and return date on the outside of the package. This will speed up the process of handling your return and issuing a refund or providing you with a replacement. Refunds are not issued for products no longer covered by warranty. The warranty will not cover replacements in cases where damage or failure is caused by, or attributable to:
(a) acts of God, abuse, accident, misuse, improper abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other instance of excess voltage or current,
(b) any repairs other than those provided by the Seller,
(c) consumables such as fuses or batteries,
(d) cosmetic damage,
(e) transportation, shipping or insurance costs,
(f) or costs of product removal, installation, set-up, service adjustment or reinstallation.

Our goal is for you to have the best possible experience with Hosmart. We appreciate receiving comments on any aspect of your experience with Hosmart or our products. Please contact us with any problems, prior to leaving any online feedback, so that we may address your concern.

We guarantee your complete satisfaction for this transaction. Please note that our office hours are 9:00 am to 5:00 pm (GMT+8) Monday through Friday. Offices are closed Saturday, Sunday and public holidays. We apologize for any late replies during holidays.

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– This radio is designed for and classified as "General population/uncontrolled Use"
– DO NOT operate the radio without a proper antenna attached, as this may damage the radio and may also cause you to exceed RF exposure limits. A proper antenna is the antenna supplied with this radio by the manufacturer or an antenna specifically authorized by the manufacturer for use with this radio, and the antenna gain shall not exceed 2dBi by the manufacturer declared.
– DO NOT transmit for more than 50% of total radio use time, more than 50% of the time can cause RF exposure compliance requirements to be exceeded.
– During operation, the separation distance between user and the antenna shall be at least 20cm, this separation distance will ensure that there is sufficient distance from a properly installed externally-mounted antenna to satisfy the RF exposure requirements
– During transmissions, your radio generates RF energy that can possibly cause interference with other devices or systems. To avoid such interference, turn off the radio in areas where signs are posted to do so. DO NOT operate the transmitter in areas that are sensitive to electromagnetic radiation such as hospitals, aircraft, and blasting sites.

This product produced by:
Macross Microelectronics (HK) LIMIT
FLAT/RM KY001 UNIT 3 27/F HO KING COMM CENTRE
NO.2-16FA YEEN STREET MONGKOK KL

成型尺寸：105*148mm