

## User Manual

# **HX-M102**

This device is high precision products, Please do not disassemble by yourselves.

Do not knock or collide this device

Do not use the device in following environment: high and low temperature, Humid dusty strong magnetic or exposure under the sunlight.

Use a wet wrung cotton cloth to gently clean the product shell, do not use the other chemical clearing and do not water dropped or water splashed.

Too long time or too loudly in earphone might cause permanent damage in hearing

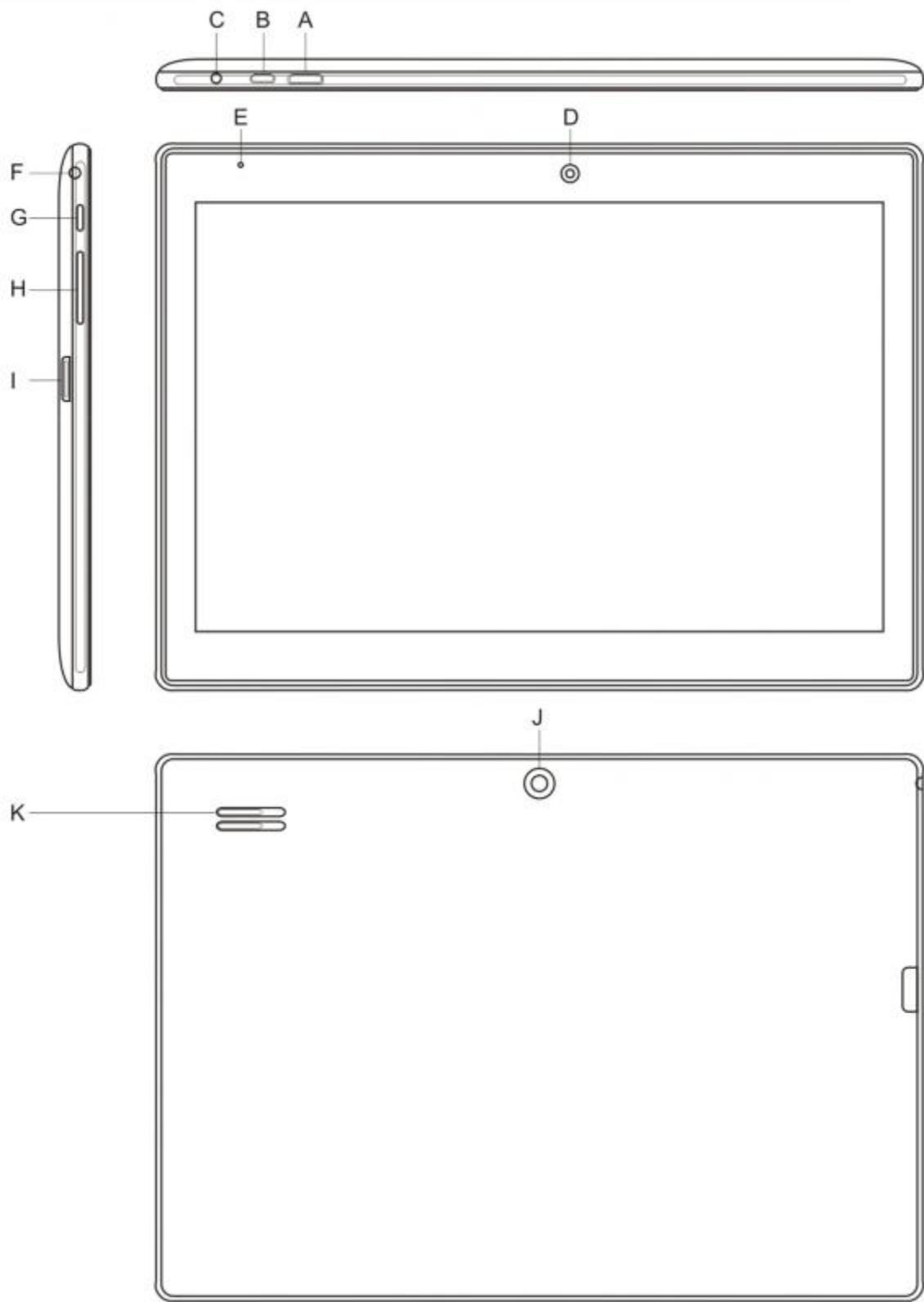
Please use the matched accessories, battery, adapter, use other products would be violate the warranty regulations, and possible cause danger.

Dispose the used machines and accessories should be in accordance with local environmental regulation.

If have any questions during use the products, please contact your local dealer.

The memory loss caused by the products breakdown, repair or other reasons, company do not assumes responsibility, please follow the manual and timely backup.

# Diagram



No.	Item	Function
A	HDMI	C type HDMI for HD signal output to HDTV
B	Micro USB	Connect to PC
C	DC-IN	5V 2.5A input
D	Front CAM	0.3MPs
E	Charging light	Switch from red light to green light
F	Earphone jack	3.5mm standard port
G	Power Off/ON	Power off /on /sleep
H	Volume	Volume+/-
I	TF card slot	External to 32GB TF card
J	Rear CAM	5.0Mps
K	Speaker	Audio output

## Power On /Off/Sleep

Long press 3s to turn on, short press 1s to sleep or wake up, long press 3s to display power off confirm menu. Long time no use, please charge before power on.

## Bluetooth

Long press 3s to turn on, short press 1s to sleep or wake up, long press 3s to The unit can connect with all kinds of bluetooth device such as bluetooth mouse, keyboard etc, the connection method is a little bit different from each

device, but the key point follow the order: research Bluetooth device, match, connect.

## Operation system and upgrade

This device is with android 4.4.2 operating system. You can download all kinds of the third party android applications. The device supports system upgrade by USB cable. Please contact distributor to get detailed upgrade method.

## Technical Specification

Hardware basic parameters	
Display	10.1inch 1280*800IPS screen, 4:3 ratio
Touch Panel	5points touch screen
CPU	Quad core Cortex A7,Allwinner A31s,1.2GHz
Memory	1GB
NAND Flash	16G
External port	TF card, USB Port
Camera	Front 0.3Mps; Rear 2.0Mps
Bluetooth	RTL8723AS
3G	Support external 3G dongle
HDMI	V1.3 C type HDMI output
USB	USB 2.0 OTG
Battery	6000mAh re-chargable battery in-built.
Average power consumption	8W

Standby power consumption	<100mW
Power input	5V/2.5A DCIN
<b>Wi-Fi Parameters</b>	
Operation frequency	2.4GHz
WIFI protocol standard	IEEE 802.11 b/g/n
WIFI transmission distance	Indoor max 10m, outdoor max 30m. (depends on the environment)
RF output sensitivity	< 14dBm@11n,< 17dBm@11b,< 14dBm@11g
RF receive sensitivity	11Mbps -80dBm@8%,54Mbps -70dBm@10%,130Mbps -64dBm@10%
<b>Bluetooth Parameters</b>	
Operation frequency	2.4GHz
BT protocol standard	V2.1+EDR/BT v3.0
BT transmission distance	Max 3meters
RF output sensitivity	<10dBm
RF receive sensitivity	-89dBm@1Mb
<b>Software Parameters</b>	
Operating System	ANDROID 4.4.2
Language support	22 languages to be supported
Office	WORD, EXCEL, PDF, TXT
Chatting	MSN, SKYPE, QQ

Audio format	MP3, WAV, WMA, AAC
Recording format	AMR
Photo format	JPG
Picture recording format	MP4
Video format	H264:1080P;MPEG-4/2/1 DIVX,XVID:1080P;RMVB,RM:720P
Picture format	JPG,BMP,GIF,PNG
E-book format	PDF,TXT
Gaming support	2D、3D etc
<b>Physical and environmental parameters</b>	
Products dimension	243mm*173mm*10mm
weight	<550g
Operating Temperature Range	-10°C to +60°C
Storage Temperature Range	-20°C to +70°C
Operating humidity range	45% to 80%RH
Storage humidity range	30% to 90%RH

Note: The specifications above are for reference only. The actual specifications will depend on actual purchased model

**FCC Caution:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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 device must accept any interference received, including interference that may cause undesired operation.

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:

**FCC RF Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance.

End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be colocated or operating in conjunction with any other antenna or transmitter.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.