

# HINSTON

*A Brand you can trust!*



## MP-1681 Operation Manual

## 1. Feature list

### 1.1.FM Radio

- 1.1.1. PLL tuning FM radio
- 1.1.2. Total 30 preset radio station
- 1.1.3. Automatic Memory Storage (AMS)
- 1.1.4. Manual/Auto search
- 1.1.5. Frequency Range: 87.5-108MHz

### 1.2.Bluetooth

- 1.2.1. Bluetooth v4.2 with Bluetooth Classic (BR/EDR) , compatible v 3.0, 2.1, 2.0 or 1.2
- 1.2.2. Support HFP v1.6, HSP v1.2, A2DP 1.3, AVCTP 1.4, AVDTP 1.3 and AVRCP 1.5
- 1.2.3. Class 2 power level
- 1.2.4. Support NFC for fast pairing
- 1.2.5. Support auto reconnection function
- 1.2.6. Support NFC function for fast connect

### 1.3.Lighting and sound

- 1.3.1. Night light function with Motion sensor (default: OFF)
- 1.3.2. Light on/off by manual control
- 1.3.3. Voice prompt for operation status ( 1 Language )
- 1.3.4. Voice prompt on/off (Default: Off)
- 1.3.5. Two LED Color LED to indication:
  - 1.3.5..1.Charging indicator (LED 1) for built-in battery charging status
    - Flashing : battery Power low
    - Stay on bright : Charging battery
  - 1.3.5..2.Function indicator (LED 2) for device operation status
    - Blue : Work on Bluetooth
    - Green : Work on FM radio

### 1.4.Power input and output

- 1.4.1. AC input 100-240V , 50/60HZ , 8W
- 1.4.2. Built-in switching transformer
- 1.4.3. Detachable plug for Euro ,US & Canada and many other
- 1.4.4. DC 5V USB port with max. 900mA output for most mobile device power refill
- 1.4.5. Built-in 650mAh battery for freely play back anywhere

### 1.5.Audio

- 1.5.1. Output power :
- 1.5.2. 3W when connected to AC outlet
- 1.5.3. 2.5W when using internal battery

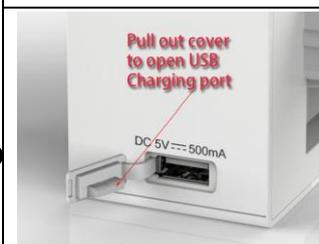
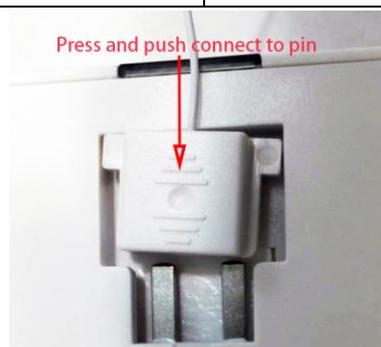
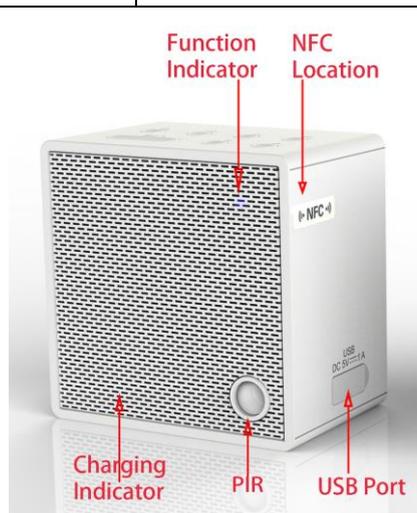
### 1.6.Connector

- 1.6.1. USB charging port, provide 5V and maximum 1A charging current
- 1.6.2. AC connection pins ,
  - Connect it with wire antenna set for batter FM reception when using battery operation
  - Connect it with plug for ac power

## 2. Use device

### 2.1. Button Map

	Short Press	Long press (over 2 seconds)
	1,Power on 2,In power on mode, Mode select - radio, BT	Power off
	1,Whenever receiving call in any mode, pick up /end the call 2,In radio mode, Mute or not 3,In BT mode, Play/ Pause the music 4,When doingAMS, stop and exit	1, Reject a call any time 2,Start AMS on radio mode 3, Disconnect paired device and pairing new device on BT mode 4,Select the voice prompt on/off ( only work when device is standby)
	Light on/off	PIR On/Off
	1,In radio, preset station - 2, In BT mode, search the track backward.	1,Auto search lower station on radio mode 2,In BT mode, No function
	1,In radio, preset station + 2,In BT mode, skip to next track	1, Auto search upper station on radio mode 2, No function on BT mode
	1,In BT/FM mode, redial last call	1,No function on BT mode 2,Delete the existing preset station on radio
	Volume + by one step	Volume + continuously.
	volume - by one step	Volume - continuously.



**Attention:**  
Don't connect antenna wire to any AC socket !

## Information you need to know:

- Whenever using Bluetooth playing music, press <  / Del >, will redial the number of last call
- If set voice prompt to “off”, “do, do” sound will reaching when volume maximum
- When your setup for voice prompt :
  - On=“do”,
  - Off=“do ,do”
- When your setup PIR control for lighting switch:
  - On=“do”,
  - Off=“do ,do”
- Default setting :
  - Voice prompt OFF
  - PIR control OFF

## 2.2. Getting started

2.2.1. Whenever Plugged the device to power outlet and press <  / Mode > to turn on the unit

- If it's first time to use or after take “factory reset “, LED indicator (A) will light on blue color for about 2 seconds, then device will start to work on FM mode and AMS (Automatic Memory Setup) active automatic, at the moment, the LED (A) change to green and flashing quickly, at the moment device scanning the strong local radio station and store them to memory and sound on about 2 seconds for each store station , once scanned all station or space of memory full (Item provide max. 20 for store), then will exit automatically and play radio for first station of listed on memory
- If need to terminal AMS, press <  > key to stop it if necessary.

2.2.2. General setup

- Factory Reset : Press and hold <  / Mode > for more than 5 seconds on standby mode till LED(A) flashing in red color and listen “Do, Do” sound , that's done. ***Please pay very attention the factory reset will clear all preset data incl. station, paired device, lighting and sound setup, etc.***
- setup voice prompt for operation : press and hold <  > till listen “ Voice Prompt on” or “ Voice Prompt off” for which would select
- PIR lighting control : press and hold <  > till listen “ do” sound to tune on PIR control , or listen “do, do “ to tune off PIR function

## 2.3. Listen FM radio

2.3.1. Whenever press <  / Mode > tune radio on, function indicator will light on by green color, should be listen “FM mode“ if voice prompt was set to on. if function indicator

show on blue , please press <  / Mode > once again that change operation to FM

2.3.2. As mentioned on 2.2.1 device will doing AMS if it's first time use , otherwise device will play last listened station

2.3.3. Press and hold <  > to search lower frequency station

2.3.4. Press and hold <  > to search higher frequency station

- 2.3.5. Press once <  > go to previous store station
- 2.3.6. Press once <  > go to next store station
- 2.3.7. Press once <  > mute radio and press once again will replay radio again
- 2.3.8. Press and hold <  / Mode > to tune of radio , press once <  / Mode > change device to Bluetooth mode
- 2.3.9. Press <  > once to increase sound volume one step , press and hold increase continuously till voice prompt “Volume Maximum” appear on
- 2.3.10. Press <  > once to decrease sound volume one step , press and hold decrease continuously till all sound off
- 2.3.11. If want to delete stored station , on the station and then press and hold <  / Del > till “do, do” , station will delete and device jump to next station and play
- 2.3.12. Press and hold <  > till voice prompt “ Automatic Memory storage” appear on, device will doing AMS and all previous pre-store station will clear , During the AMS, user can stop it by pressing <  > again to teminal it

## 2.4. Bluetooth player

- 2.4.1. Whenever device stay on the standby mode , press <  / Mode > once or twice depends last operation status , function indicator on blue color and flash , voice prompt “ pairing “appear on , tune on your mobile device like smart phone and follow instruction to search BT device named “ MP-1681” , connect it without any passcode , once connected, voice prompt “ Connected” appear on and function indicator stop flashing , some mobile phone may play music automatic or you may Choose the music you want to play.
- 2.4.2. Press once <  > go to previous music
- 2.4.3. Press once <  > go to next music
- 2.4.4. Press once <  > pause and press once again will replay music
- 2.4.5. Press and hold <  / Mode > to tune off , press once <  / Mode > change device to FM mode
- 2.4.6. Press <  > once to increase sound volume one step , press and hold increase continuously till voice prompt “Volume Maximum” appear on
- 2.4.7. Press <  > once to decrease sound volume one step , press and hold decrease continuously till all sound off
- 2.4.8. If your mobile phone support NFC function and paired with MP-1681, whenever need to play BT music , just put mobile phone to upper of right side let both connect automatic

## 2.5. Prepare to changing

- 2.5.1. Inside battery
- when battery indicator flashing slowly , it’s means battery power stay on low level , put device to AC power source to charging battery ,
  - the charging function only work on standby or Bluetooth mode to prevent interference cause poor FM reception
  - when charging battery , battery indicator on red without flashing
- 2.5.2. USB port provide 5V, 1A for mobile phone power refill, only work on standby mode.

## 2.6. Lighting and PIR control

- 2.6.1. Press <  > once to turn on or turn off the light on the bottom of the unit, when tune on lamp and not to tune off again , it's will automatic off for 120 minutes
- 2.6.2. Press and hold <  > till “do” sound appear to tune PIR on , Press and hold <  > again and till “dodo” sound appear to tune off PIR
- 2.6.3. Once tuned PIR on, the lamp will be automatic tune on for 30 seconds if any human body move nearly , at the moment can press <  > to turn off the lamp

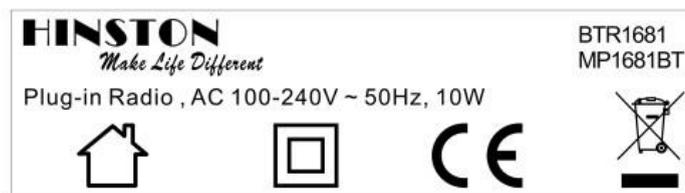
## 2.7. Accessory

- 2.7.1. EU and US plug for using device on most world place
- 2.7.2. External antenna : when using device by internal battery , may need external FM antenna to improve reception ,then need to :
- Remove AC plug from device
  - Put an plug external antenna holder in to AC connector

### **Pay your attention!**

- **When you put back plug to device, make sure listened a “click” sound before connect to AC power**
- **Don't connect FM external wire antenna to any AC socket**

## 2.8. Rating



## **Warning!**

1. Do not covering the ventilation
2. No naked flame sources, such as lighted candles, should be placed on the apparatus
3. No objects filled with liquids, such as vases, shall be placed on the apparatus.
4. For indoor use only. The apparatus shall not be exposed to dripping or splashing. Do not use in wet or high humidity areas, such as kitchen or bathroom
5. The mains plug is used as the disconnect device, the disconnect devices shall remain readily operable.
6. Do not open! No user replaceable parts inside, refer servicing to qualified service personnel
7. Only use attachments/accessories specified by the manufacturer.



Disposal: All electrical and electronic products including batteries should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities