ENVIRONMENTAL PROTECTION

Do not dispose of this product with the normal household waste at the end of its life cycle. Return it to a collection point for the recycling of electrical and electronic devices. This is indicated by the symbol on the product, user manual or packaging.

The materials are reusable according to their markings. By reusing, recycling or other forms of utilization of old devices you make an important contribution to the protection of our environment.

Please contact your local authorities for details about collection points.

WARNING

Risk of electric shock
Do not open!

Caution: To reduce the risk of electric shock, do n ot remove the cover (or back). There are no user serviceable part s inside. Refer servicing to qualified service personnel.

This symbol indicates the presence of dangerous voltage inside the enclosure, sufficient enough to cause electric shock.

This symbol indicates the presence of important operating and maintenance instructions for the device.

Safety, Environmental and Setup Instructions

- Use the device in dry indoor environments only.
- Protect the device from humidity.
- Do not open the device. *RISK OF ELECTRIC SHOCK!* Refer opening and servicing to qualified personnel.
- Connect this device to a properly installed and earthed wall outlet only. Make sure the mains voltage corresponds with the specifications on the rating plate.
- Make sure the mains cable stays dry during operation. Do not pinch or damage the mains cable in any way.
- A damaged mains cable or plug must immediately be replaced by an authorized service center.
- In case of lightning, immediately disconnect the device from the mains supply.
- Children should be supervised by parents when using the device.
- Clean the device with a dry cloth only.
  Do NOT use CLEANING AGENTS or ABRASIVE CLOTHS!
- Do not expose the device to direct sunlight or other heat sources.
- Install the device at a location with sufficient ventilation in order to prevent heat accumulation.
- Do not cover the ventilation openings!
- Install the device at a safe and vibration-free location.
- Install the device as far away as possible from computers and microwave units; otherwise radio reception may be disturbed.
- Do not open or repair the enclosure. It is not safe to do so and will void your warranty. Repairs only by authorized service/ customer center.
- Only use mercury and cadmium-free batteries.
- Used batteries are hazardous waste and NOT to be disposed of with the household waste!!!
  Return the batteries to your dealer or to collection points in your community.
- Keep batteries away from children. Children might swallow batteries.
  Contact a physician immediately if a battery was swallowed.
- Check your batteries regularly to avoid battery leakage.
- Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- CAUTION: Danger of explosion if battery is incorrectly replaced
  Replace only with the same or equivalent type

Used batteries are hazardous waste and NOT to be disposed of with the household waste! As a consumer you are legally obligated to return all batteries for environmentally responsible recyling - no matter whether or not the batteries contain harmful substances *).

Return batteries free of charge to public collection points in your community or to shops selling batteries of the respective kind

Only return fully discharged batteries.

*) marked Cd = cadmium, Hg = mercury, Pb = lead

Contents

I Features/Technical Specifications

◆ Available for global stations by internet

◆ Compatible with the audio of WMA/MP3/OGG

◆ Support the digital Radio of DAB/DAB+ (BAND Ⅲ 5A-13F) and the FM Radio

◆ With 240*320 RGB TFT screen

◆ With the adapter of DC 5.5V 2000mA and build-in battery of 2000mA/HR

◆ Access to available Wi-Fi Internet

II Main Keys
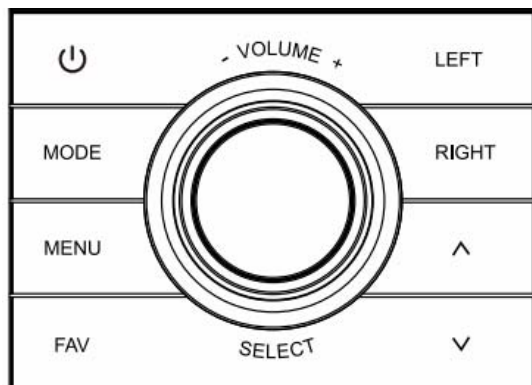
NO.	Button	Function/Usage
1	**ON/OFF**	Turn on or turn off the unit. (on the back of the unit)
2	⏻	The switch between standby and turn on.
3	**MENU**	Show menu for the current mode.
4	**MODE**	Cycle through the modes: Internet Radio, Music player, DAB, FM, Aux in and etc.
5	**FAV**	To save and take out the radio stations.
6	**SELECT/ VOLUME**	Confirm, Tune up or down.
7	**LEFT**	Turn left or return the upper menu.
8	**RIGHT**	Turn right.
9	∧	Go up.
10	∨	Go down.

III. Overall Manu Diagram

		Wireless Network Configuration	
		Wireless Network(WPS PBC)	
		Manual Configuration	
		Check Network when Power on	

Manage my media

Network >

Date & Time >
- Set Date and Time
- Set Time Formart
- Set Date Formart
- Daylight Saving Time(dst)
- GMT(**:**)

Menu

Alarm >
- Alarm 1 (Turn off) > — Turn On / Turn Off
- Alarm 2 (Turn off) > — Turn On / Turn Off
- NAP Alarm 1
- Alarm Volume

Language

Dimmer >
- Power Saving
- Turn On

Sleep Timer
Buffer

Configuration >

Weather >
- Show On Standby
- Temperature Unit
- Set Location

FM Setup >
- Mode

Local Radio Setup >
- Manual Setup
- Auto Detect

Playback Setup >
- Off
- Repeat All
- Repeat one
- Shuffle

DLAN Setup(DLAN) >
- Rename(AirMusic)

Equalizer

Resume When Power On >
- On
- Off

Software Update
Reset to Default

Menu

Local Radio

My Media U

Internet Radio

Media Center >
- USB
- UPnP
- My Playlist
- Clear My Playlist

FM

DAB

Information Center >
- Weather Information
- Financial Information
- System Information

Mode

I Radio >
- My Favorite
- Radio Station/Music
- Local Radio
- History
- Service > — Searsh Radio Station / Add New Radio Station

DAB

FM

AUX

USB

IV Switch ON or OFF

Plug the adapter into the hole of DC IN(on the back of the product) and press the 'ON/OFF' switch to 'ON', then the logo 'Welcome' will be shown on the screen, meanwhile, the radio will scan the available Internet automatically. You can use the button $\wedge$ or $\vee$ to choose the Internet, then press SELECT to enter the Internet.
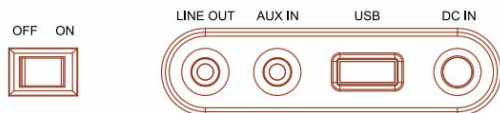
Tips:

●When you need input the Internet password, please press $\wedge$ or $\vee$ to choose the characters (you can refer to the last page for the details of characters).

●In this condition, Press LEFT can turn left and delete the left characters at the same time.

Note: Below characters are available for the radio:

●Numbers (from 0 to 9)

●English Letters (from A to Z and from a to z)

●Other characters (DEL, @, Blank,!,",#,$,%,&,',(,),*,+,)

Tips:

●Press LEFT button will turn left and delete the left characters at the same time.

●When inputting the characters, press RIGHT, LEFT, $\wedge$ or $\vee$ to choose the character.

V Operations
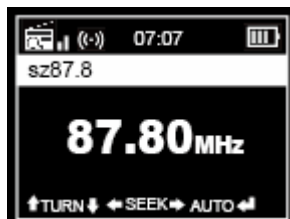
1 FM

● **Choose stations by hand**

Press **MENU**→press **LEFT or RIGHT** button to choose **FM**→press **SELECT** to enter the interface of FM→press

$\wedge$ or $\vee$ to choose station (press once, the station changes 0.05MHZ) →SELECT to enter the station.

● **Choose stations automatically**

Steps: **MENU**→press L**EFT or RIGHT** button to choose **FM**→press **SELECT** to enter the interface of FM→press **LEFT or RIGHT**→press **SELECT** to search stations forwards or backwards automatically(If searched, it will stop automatically and play the programs of the searched stations)

Tips:

●For favorite stations and on the mode of FM, long press 'FAV' till the screen shows the remark of saving stations, then press $\wedge$ or $\vee$ to choose the saving location number and press "SELECT" to save it and enter the station.

●It can save 20 stations at most.

2 DAB

Press **MENU**→press **LEFT or RIGHT** button to choose **DAB/DAB+** →press **SELECT** to enter the interface of DAB/DAB+(It will search the DAB/DAB+ stations automatically. After search, it will show the names and numbers of the searched stations)→ press ∧ or ∨ to choose station→press **SELECT** to enter the station.

Tips:
1) In the mode of DAB/DAB+ and choose the station by SELECT, press LEFT ,it will show 'Delete station list？'on the screen.

●Choose 'YES' means to delete the existing stations, then search new stations, later the name and number of new stations will be shown on the screen.

●Choose 'NO' means not to delete the existing stations, meanwhile do the search and add the new-searched stations into the station list without repeat stations.

2) When playing program, press SELECT will stop playing and go back to the playlist.

3 AUX

Fuctions: To set up the playing mode of program with audio outlay

Press **MENU**→press **LEFT or RIGHT** button to choose **AUX**→press **SELECT** to enter the interface of AUX.

Tips: On the mode of AUX, you can plug the audio line into the hole of AUX IN (on the back of the product), then you can play the Medium.

4 Internet Radio

Functions: To set up the play mode of Internet radio

Steps: Press **MENU**→press **LEFT or RIGHT** button to choose 'Internet Radio'→press **SELECT** to enter the interface, then below choices will be shown on the screen:

1) My Favorite   4) History
2) Radio Station/Music   5) Service
3) Local Radio

Tips:
●When playing program, press SELECT will stop playing and go back to the playlist.
●On the mode of Internet Radio, the internet must be available.
●The acquiescent Internet server is http://www.mediayou.net.
●Able to search the Internet stations all over the world and play local radio stations fast.

5 Media Center
5.1 USB
Functions: Play the audio medium by USB , which is compatible with the files of WMA/MP3/AAC/AAC+/ FLAC/WAV.

Steps: Press **MENU**→press **LEFT or RIGHT** button to choose 'Media Center'→press **SELECT** to enter the interface →choose 'USB' by ∧ or ∨→enter it by **SELECT**

Tips:

●After plugging the USB, there will be a USB mark showing on top right corner of the product(which is changed with the battery mark by turns)

●compatible with USB 2.0 and lower versions

● For the setup of play, please refer to the Playback setup in Configuration

5.2 UPNP
Fuctions: Play the media in computer

Steps: Press **MENU**→press **LEFT or RIGHT** button to choose 'Media Center'→press **SELECT** to enter the interface →choose 'UPNP' by ∧ or ∨→enter it by SELECT

Tips:

●You must install the software of 'Windows Media Play 11' (or upgrade versions) or Twonky Media in your computer, which is necessary for the UPNP operation.

Note: In 'Windows Media Play', you should get the media to share in your playlist (tick the 'shared media' and make it shared in setup),then confirm and exit it.

●Your computer must be available to the Internet.

●The media must be put in your playlist.

●Your computer must be allowed to be linked with others(You can set up it in 'Windows Media Play' by hand or automatically)

5.3 My Playlist
Steps: Press **MENU**→press **LEFT or RIGHT** button to choose 'Media Center'→press **SELECT** to enter the interface →choose 'my playlist' by ∧ or ∨→enter it by **SELECT.**

Tips: In the UPNP model, when Playing you can long press SELECT to put the chosen file into your 'my playlist'.

5.4 Clear My Playlist
Steps: Press **MENU**→press **LEFT or RIGHT** button to choose 'Media Center'→press **SELECT** to enter the interface →choose 'Clear My Playlist' by ∧ or ∨→enter it by **SELECT**

Tips: By cutting off the power, the files of your 'my playlist' will be cleared automatically.
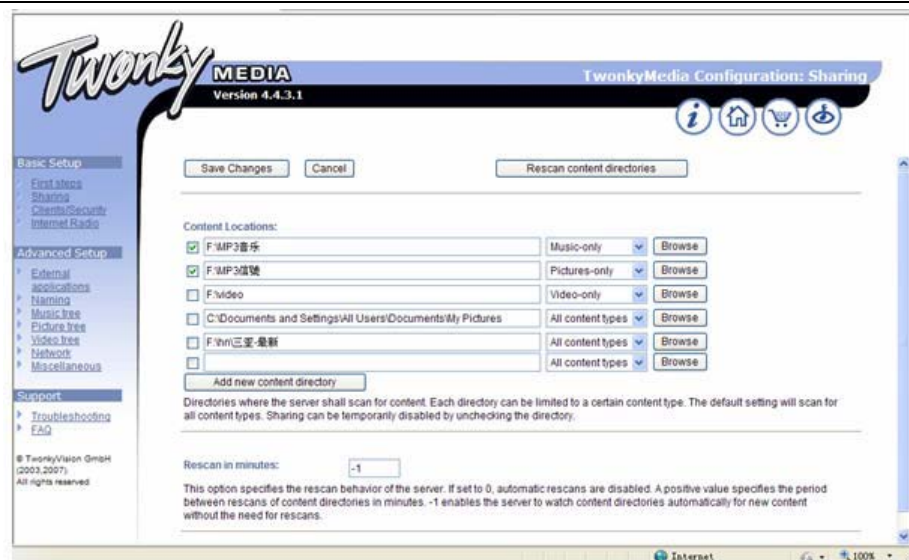
6. Local Radio
Fuctions: To setup the list or menu of Local Radio
Steps: Press **MENU**→press **LEFT or RIGHT** button to choose 'Local Radio'→press **SELECT** to enter the interface →choose 'the station of local radio' by ∧ or ∨→enter it by **SELECT.**
Tips: The stations are created by the setup of 'Local Radio Setup' in 'Configuration'

7. My Media U
Fuctions: Fastly play the program of internet radio per the personal playlist
Steps: MENU→My media U→Select
Tips: For the first time, you need register in http://www.mediayou.net and set up related data before you use it, otherwise the display will show info to reminder you not to connect the internet.

8. Information Center
Fuctions: Check the weather all over the world; browse the stock status of main stock exchange globally; show the system info of the Unit.
Steps: Press **MENU**→press **LEFT or RIGHT** button to choose 'Information Center'→press **SELECT** to enter the interface →choose the item by ∧ or ∨→enter it by **SELECT**

8.1 Weather Information
●Press **SELECT**, it will enter the interface for you to choose whether 'Add to Standby Display' or not; if Press **SELECT**, it will be in the model of Standby Display.
●In the interface of city weather, you can check the weather in recent 4 days by ∧ or ∨.
●On the mode of Standby and with the display of weather forecast open,' the present

time' and the present weather will be shown by turns in every 10 seconds. Or You can press **SELECT** to do the switch quickly.

●Above should be with available internet.

8.2 Financial Information

Tips: On the interface of 'Financial Information', you can aim at your interested items by cursor, then the related information will be shown automatically.

8.3 System Information

Fuctions: To check the software version, the MAC,ID and IP of the Wireless Internet.

Ⅵ **Configuration**

Fuctions: To set up Network, Alarm, Date &Time, language, Weather, Dimmer and etc.

Steps: Press **MENU**→press **LEFT or RIGHT** button to choose 'Configuration'→press **SELECT** to enter the interface →choose the item by ∧ or ∨→enter it by **SELECT**

Tips: Press LEFT button can return to the upper menu.

1. Manage My Media

Tips: 'Enable' means to manage my media ; 'Disable' means not to manage my media

2. Network

2.1 Wireless Network Configuration

Tips: It can search the wireless network automatically and show the searched list of network, then press SELECT to link it.(If the network is with password, you should input the password)

2.2 Wireless Network （WPS PCB）

Tips: When choosing WPS PCB, it will show 'Please press the WPS button on your router within 120 Seconds,, you must press the WPS button of Router, then the network in both sides will be linked automatically.

2.3 Manual Configuration

Steps: Press **MENU**→**Configuration**→**Network**→**SELECT**→choose 'Manual Configuration' by ∧ or ∨ →**SELECT> Wireless> SELECT**→then three items in the list (DHCP, Enter SSID, Manage)

Tips:

●In the model of 'ON'(DHCP) ,the unit will check the IP address of wireless network and link the network automatically.

●In the model of 'OFF'(DHCP) ,the unit will check the IP address of wireless network and link the network automatically.

2.4 Check Network when Power On
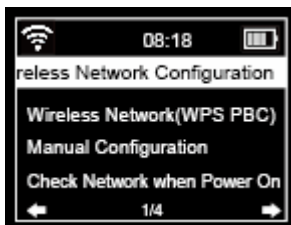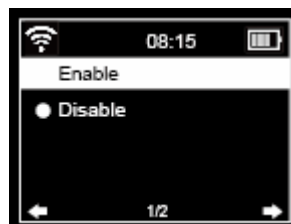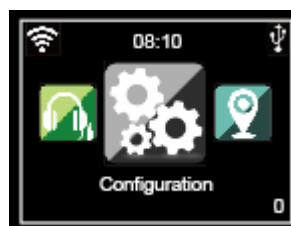
Fuctions: When 'Power On', choose '**Enable**' to check the status of network link automatically; choose '**Disable**' not to check it.

Tips: If the network is not linked on the model of 'Enable', it will automatically show the choices for you to set up the network.

3 Date &Time
Steps: Press **MENU→Configuration**->press ∧ or ∨ button to choose 'Date & Time'→press **SELECT** to enter the interface →choose the item by ∧ or ∨ →enter it by **SELECT.**

3.1 Set Date and Time

3.2 Set Time Format
Tips: The format of 24 hour is acquiescent.
○ 12 Hour
○ 24 Hour

3.3 Set Date Format
Tips: The format of DD/MM/YY is acquiescent
○ YY/MM/DD
○ DD/MM/YY
○ MM/DD/YY

3.4 Daylight Saving Time (DST)
○ ON
Tips: On the model of 'ON', the time will be one hour more than the actual time.
○ OFF
Tips: On the model of 'OFF', the time will be same as the actual time.
(If it was on the model of the 'Daylight Saving Time(DST)'and you choose 'OFF', the time will be deducted one hour, that's to say ,the time will be same as the actual time.)

3.5 GMT（HH: MM AM）
On the model of 'Internet Radio' without internet, the time will be set up automatically. With internet, it will show the GMT time. If have setup the time, it will indicate the current time(current GMT time plus the time difference)
Tips: For this item, it can be only browsed without the function of revision.

4. Alarm
To set up three alarms (Alarm 1, Alarm 2, NAP Alarm) and the Alarm Volume
Tips:
●The time of NAP Alarm is from 5 minutes to 120 minutes. And after the setup of the NAP Alarm, it begins to count the time reversely until the time is over, then it will switch to the Standby model automatically and rings.
●When alarm rings, it will enter the display of 'Standby' automatically.
●You can set up the alarm volume by 'Alarm Volume'(Volume 15 is acquiescent)
●If you press any button when alarm rings, the alarm will be closed and enter the model of Standby with 5 minute SNOOZE.
●To press ⏻ button ,it will exit the model of SNOOZE.
●After the alarm setup, you should exit it, then the new setup can come into use.
●Two alarms won't ring at the same time.(Only after one alarm stop ringing, another alarm can be used)

4.1 Alarm 1
Turn On
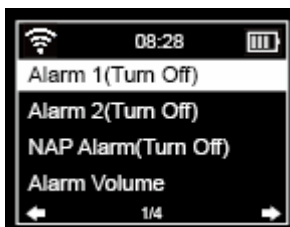
Turn off
4.1.1 Repeat: To set up the Alarm Date
The choices are as below:

-Everyday	-Thu
-Once	-Fri
-Mon	-Sat
-Tue	-Sun
-Wed	

Tips:
●When choosing 'everyday', it will select the day from Mon. to Sun.
●To choose the item by $\wedge$ or $\vee$ button and press **SELECT** to confirm it, then press **LEFT** to return the upper menu.
4.1.2 Time: **To set up the Alarm time**
4.1.3 Sound: To set up the Alarm sound
1） Beep
2） Melody
3） Internet Radio
4） FM
5） DAB/DAB+
Tips: There are 5 kinds of sound for the Alarm and Melody is acquiescent

5 Language
Steps: Press **MENU→Configuration→**press **LEFT or RIGHT** button to choose 'Language'→press **SELECT** to enter the interface →choose the item by $\wedge$ or $\vee$ →enter it by **SELECT**
Tips: It can support 8 Languages (English，Deutsch，Francais(France)，Nederlands，Pyccknn，Svenska，Norske，Dansk and Deutsch is acquiescent

6 Dimmer
Functions: To set up the brightness of the Unit display
Steps: Press **MENU→Configuration→** press **LEFT or RIGHT** button to choose 'Dimmer'→press **SELECT** to enter the interface →choose the item by $\wedge$ or $\wedge$ →enter it by **SELECT** to set up the brightness by **LEFT or RIGHT** button
Tips: They are two items for your choice ('Power Saving' and 'Turn On')
① Power Saving
② Turn On
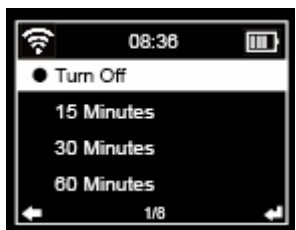**7 Sleep Timer**
Functions: To Power off the unit automatically by setting up the sleep timer
Steps: Press **MENU→Configuratio**n→**Sleep Timer→SELECT** to set up the time of sleep timer
Tips: The time range is from 15 minutes to 180 minutes.

8 Buffer
Steps: Press **MENU→Configuration→Buffer→SELECT**
to set up the buffer from 2 seconds to 8 seconds.

9 Weather
Functions: To show the current weather of selected city on
the model of Standby
Steps: Press **MENU→Configuration-> Weather->**
SELECT to choose the city and below items are for your
choice:
9.1 Show ON Standby: To turn on or turn off the setup
9.2 Temperature Unit: To set up the Temperature Unit by
Centigrade or Fahrenheit
9.3 Set Location

To set up global city weather showing on the model of
standby
Tips : Choose 'district'->'country' ->'city'->press **SELECT**
to confirm it and show'ADD to Standby Display'.

10 FM Setup
Steps: Press **MENU→Configuration→ FM**
Setup→Mode->SELECT to choose the status of FM
Radio by 'Set Mono' or 'Set Stereo'

11 Local Radio Setup
Steps: **MENU→Configuration-> Local Radio Setup**
->SELECT to choose the status of Local Radio（The
station of Local Radio is decided by the Internet IP
address）
11.1 Manual Setup
Steps : **MENU> Configuration> Local Radio Setup>**
Manual Setup->choose 'district' →'country' to enter the
interface→press **SELECT**('Save as local Radio') will show
on the display →confirm it by **SELECT** and it will return the
upper menu automatically
11.2 Auto Detect
Steps : **MENU> Configuration> Local Radio Setup> 'Auto Detect'** to check the
stations of Local Radio automatically.
Tips : It will create the radio station of local Internet automatically as per the local and
national ID

12 Playback Setup
Steps: **MENU> Configuration> Playback Setup> SELECT** to choose the play status
12.1   OFF
'OFF', means to just play the chosen item.
12.2   Repeat all

'Repeat all', means to play all the items in your playlist repeatedly.

12.3   Repeat One

'Repeat one', means to play the chosen item repeatedly.

12.4   Shuffle

'Shuffle', means to play all the items in your playlist at random.

13 DLNA Setup

Rename (Air Music)

If using the PC, Win 7 will support the DLNA.

If using Samsung Smart Phone, it is with build-in DLNA

If using other Samsung Smart Phone, you can download the APP like Bubbleupn or Skifta to use the DLNA.

14 Equalizer

Fuction: 'Equalizer' can strength the music impact on-site

Steps: **MENU→Configuration→Equalizer→SELECT** to choose different music impact (Normal→Flat→Jazz →Rock→Movie→Classical→POP→News

15 Resume When Power On

Steps: **MENU→Configuration→Resume When Power On→SELECT** to choose ON or OFF:

'On', means to continue the mode automatically when the power was off

'OFF', means not to continue the mode and just show the main menu when the power was off

16 Software Update

It's just used for production and maintenance.

CAUTION: Before starting a software upgrade,ensure that the unit is plugged into

a stable mains power connection. Disconnecting power during a software may permanently damage the unit.

17 Reset to default

Choose this item, it will show 'Are you sure to reset to default setting'

'YES', It will delete all your present setup and resume to the original mode.

'NO', It will keep all your present setup and return to the upper menu.
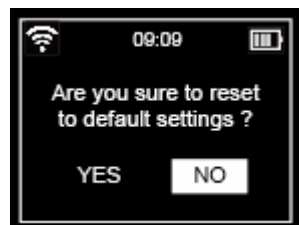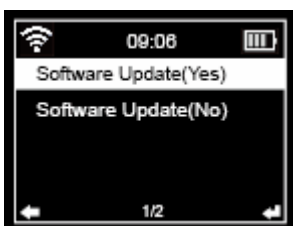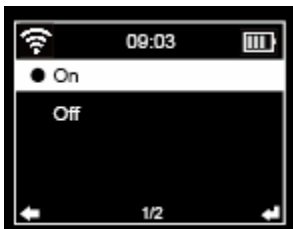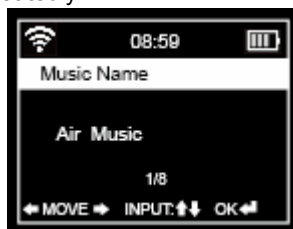
Ⅶ **Line out**

You can switch the radio's medium onto other speakers by a 3.5mm audio line.

Tips : By doing so, you can control the media volume only by other speakers

Ⅷ **Battery**

●It's with build-in battery of 2000mA/HR, which will be charged fully for 4 or 5 hours.

●The power flow of battery is 500mA±100mA.

Tips : When connecting to the adaptor, the battery will be charged

Please note below symbols :

▥ , To show the electric capacity of the battery

▣ , To show the battery is charging

▣ , To show the battery is charged fully

▢ , To show the battery is short of battery and will be power off with blank screen in about one minute.

Tips:

●Charged fully, the battery can be used for about 3 hours with medium volume.

●Long time not to use the radio, you'd better slide the switch(on the back of the product) to OFF and pluck the power.

●When the power is OFF, the battery will be charged with the connection to the DC adaptor but there will be no hint for the TFT.

Ⅸ **Caution**

●Not allowed to be put in fire in case it's exploded.

●The unit will be reset to default mode by electromagnetic interference in dry environment, which has no effect on the normal operations.

soundmaster ®

Ⅹ Technical Data
Input voltage ,current : 5.5V   2A
Power consumption: max. 12W
Radio Frequency range:
FM   (87.50MHz – 108.00MHz , 50KHz/step)
DAB (Band III, 174.928MHz – 239.200MHz)
Store temperature::-10 ~ +60 ℃
Operating temperature: +5 ~ +40 ℃

Ⅺ Glossary
DAB   Digital Audio Broadcasting
FM   Frequency Modulation
UPnP   Universal Plug and Play
DLNA   Digital Living Network Alliance
AUX   Line Input

Hereby, Wörlein GmbH declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

A copy of the Declaration of Conformity may be obtained at the following location:
Wörlein GmbH, Gewerbestrasse 12, D 90556 Cadolzburg, Germany

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