Cobra®

CIR 2000 A
CIR 2000 E
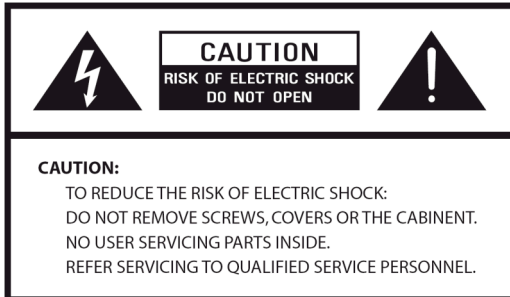
WiFi Internet Radio

Owner's Manual

Nothing Comes Close to a Cobra®

Safety Information

The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these Instructions.
3. Heed all Warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.

7. Do not block any ventilation openings. Install in accordance with the manufacturer's instruction
8. Do not install near any heat source such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding - type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket or table specified by the manufacturers, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

PORTABLE CART WARNING

13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or

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plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

15. The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

16. The main plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

17. The caution marking and rating plate are located on the bottom of the unit.

18. The adaptor UL File number E248805 and model number KSS60-12.0-4000. Input of this apparatus is: AC 100-240V~50-60Hz, 1.5A, and Output is: 12.0V=== 4000mA. Keep the input & output rating.

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19. To avoid damage to the batteries installed in the remote control, do not place the remote near excessive heat sources.

20. For sufficient ventilation, please place your Micro System into an open area when operating.

FCC

This device complies with Part 15 of the FCC Rules Operation that is subject to 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.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

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Table of Contents

Chapter 1 Overview

1.1 Introduction

This system is a Micro System integrated digital audio playback that functions with network connectivity. The system can play Audio CD, Data CD (MP3/WMA files), USB device, SD/MMC card, FM radio and over 20,000 internet radio stations.

1.2 Audio Sources

- Audio CD
- Supports MP3/Windows Media$^®$ audio files (known as WMA) (include ID3v1,ID3v2)
- Supports static lyrics and synced lyrics (.txt /.lrc /.smi)
- Supports USB Flash drive, USB HD drive
- SHOUTCast Internet Radio (http://www.shoutcast.com)
- Local FM On-Line Radio
- FM (87.5~108MHz)
- Support AUX

1.3 Record

- Converts Audio CD tracks to128kbps MP3 file and saves to an USB device, SD/MMC card
- Displays CD information for the current playing CD by connecting to Gracenote Music Recognition Service
- During recording Internet Radio and FM are not copied
- Record AUX in128kbps MP3 file and save to an USB device, SD/MMC card.
- Add a space support storage backup management program.

1.4 Networking

● Supports Ethernet 10/100 Mbps

● Supports Wireless LAN IEEE 802.11 b/g Dongle

● Supports Infrastructure /Ad-Hoc

● Supports WEP 64/128 and WPA-PSK encryption

● Supports Proxy Setting

● This system provides a wireless setting wizard to make wireless network setup easier.

1.5 Others

● Supports two alarm clock settings

● Supports time sync technology (* network available)

● Supports firmware upgrade

⊙ 🐾 🔊 Chapter 2 Installation

2.1 Installation

NOTE：The proper voltage for this system is AC 100V~240V/50-60Hz. Please check the voltage in your area before plugging in the unit.

2.1.1 LAN Setting

Make sure the internet environment is ready and the network setting is available (ADSL or Cable Modems is highly recommended).

The default setting of the network in your system is DHCP. (For more network settings please check 11.4 the 'Network' section on page 60)
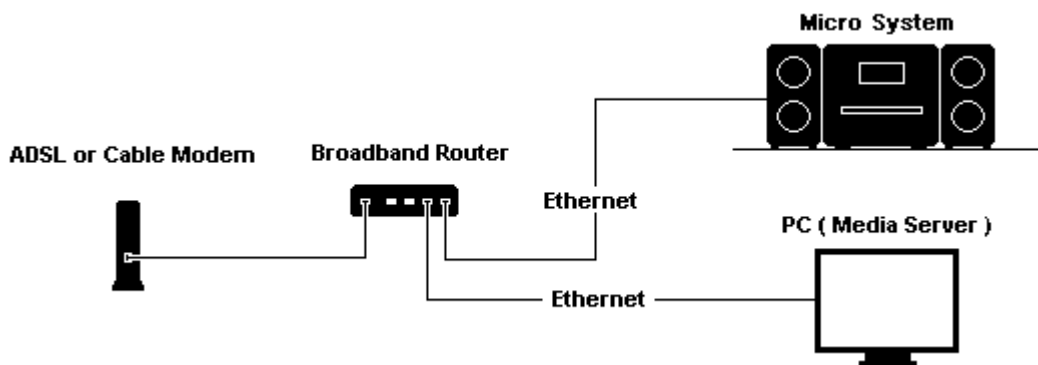
or

If you want to listen to audio contents from your PC, you can use Cross-over to connect your system to your PC directly.
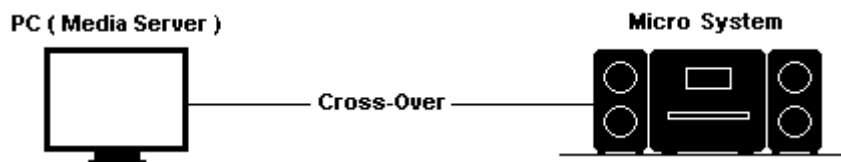
2.1.2 Wireless LAN Setting

Make sure the internet environment is ready and the network setting is available.

Plug-in the Wifi Dongle into the USB port on the back of your system (For more settings please see 'Network' section on page 60)

Wifi Dongle

Internet Micro System

802.11 b/g Wireless
Broadband Router

ADSL or Cable Modem

PC (Media Server)

Ethernet

Wifi Dongle

PC (Media Server)
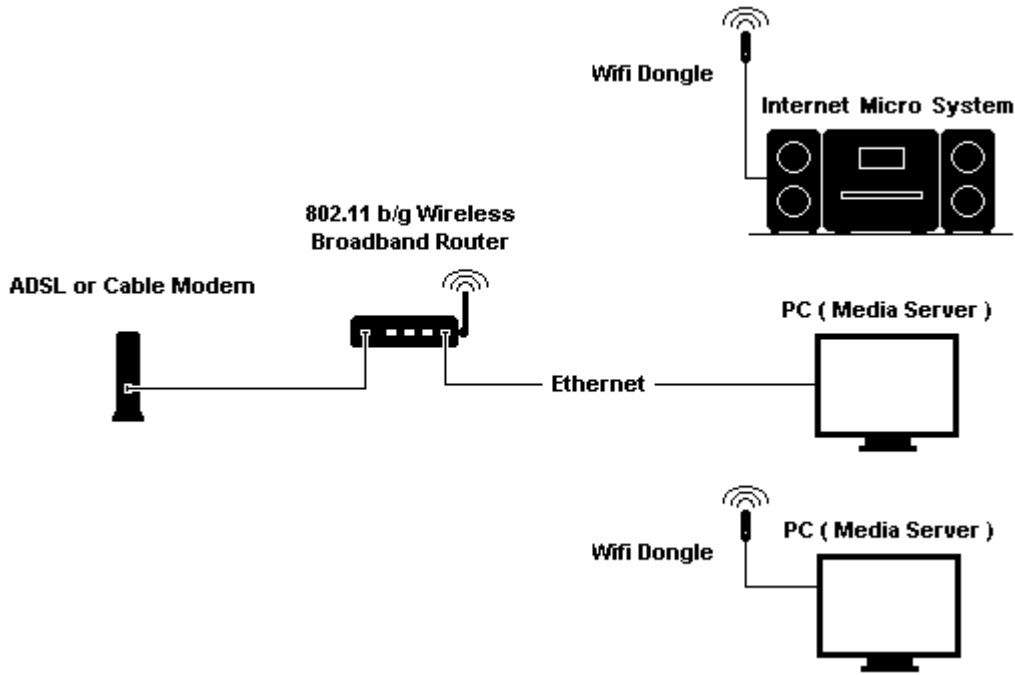
or

You can receive the audio contents from your PC in a wireless environment by using Ad-hoc.

Wifi Dongle

PC (Media Server)

Wifi Dongle

Internet Micro System
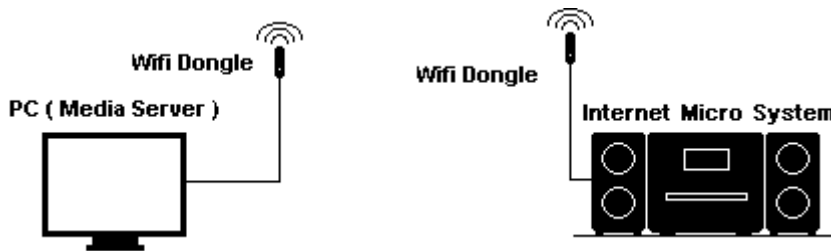
2.2 Boot for The First Time

When you turn on this system for the first time, the system will automatically check the environment and search for any available internet protocol.

$\mathcal{S}$*Cobra*® → LA Checking
Network Device
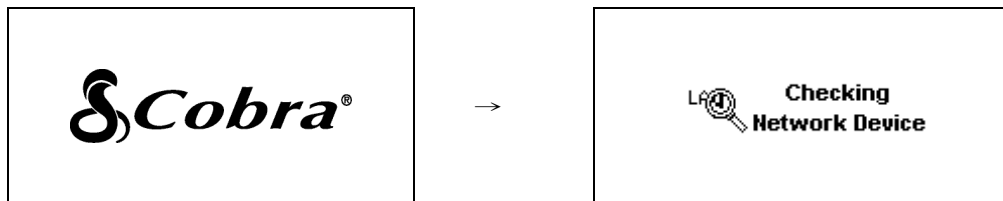
When power-on，COBRA Logo shows up   Checking available network devices

If there is no network device connected to your system, you should plug-in LAN or WiFi dongle (into the USB port on the back of your system) and follow the instructions of the network wizard.

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After the system links to the network, it will process time sync, and then go to standby mode. Usually it will take 6-30 seconds to finish the whole process.

Network Connecting

→

Time Sync processing
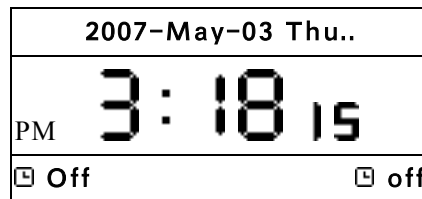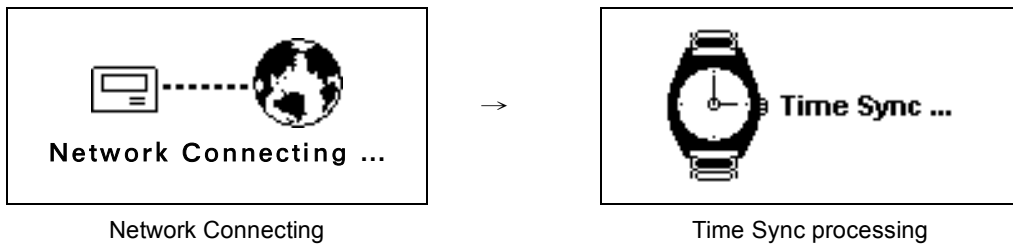
Stand-By Mode

The default network setting for the system is LAN (or after you have chosen "Reset all setting"). You can choose WLAN for your System's network device by inserting the WiFi dongle into the USB slot on the back of your system.

If you still have problems with network setting, please follow the network wizard instructions on the next page.

NETWORK SETTING – LAN

Cobra® → **Initial Device ...** → Select Network Type / Wireless / Dongle

06-OCT-31 Mon / AM / 8:00 08 / OFF

Please Plug-In Cable

Network Setting ... → Time Sync ...

06-OCT-31 Mon / AM / 6:30 08 / OFF

Choose LAN to connect internet

Choose WLAN to connect internet

Exit network wizard mode

• **CAN NOT GET DHCP**

Get DHCP TimeOut

06-OCT-31 Mon / AM / 8:00 08 / OFF

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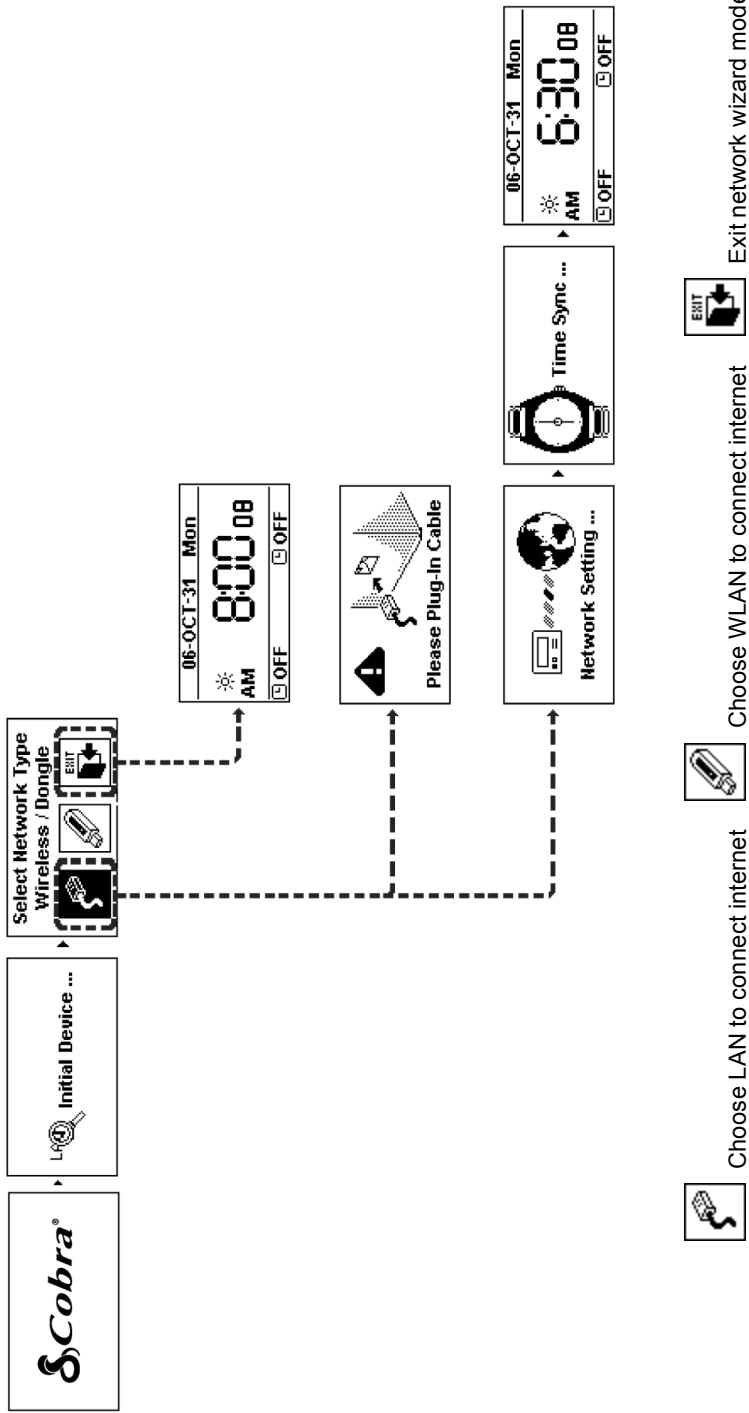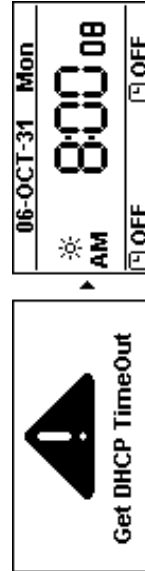
• NETWORK SETTING – WLAN (with Wifi dongle)

• NETWORK SETTING – WLAN (with Wifi dongle)

Cobra

Initial Device ...

Select Network Type
Wireless / Dongle

EXIT

06-OCT-31 Mon
8:00 AM
OFF   OFF

Please Plug-In Dongle

Don't Remove The Dongle

Network Setting ...

Time Sync: ...

06-OCT-31 Mon
6:30 AM
OFF   OFF

Choose LAN to connect internet   Choose WLAN to connect internet   Exit network wizard mode
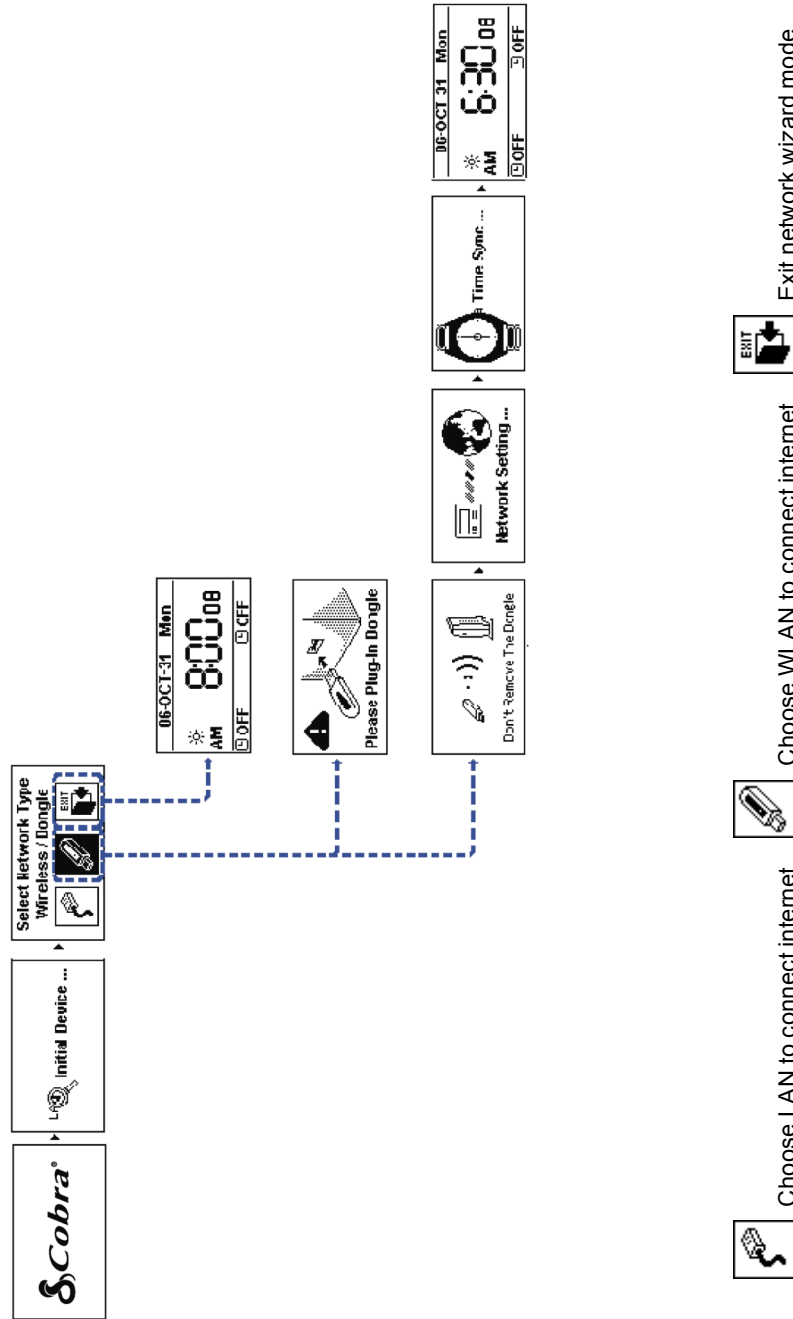
˙CAN NOT FIND ACCESS POINT
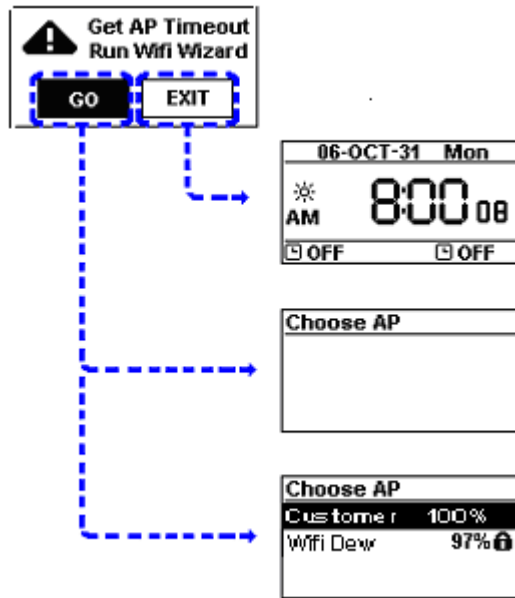
Select **GO** to run Wizard mode OR Select **EXIT** to quit

(1) CAN NOT FIND ANY ACCESS POINT
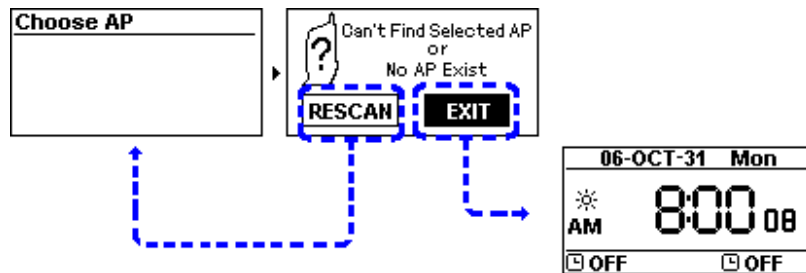
Select **RESCAN** to search AP again OR Select **EXIT** to quit

(2) CAN NOT FIND THE AP YOU WANT, PRESS ESC TO ENTER PRESCAN MODE

Select **RESCAN** to search AP again or select **EXIT** to quit

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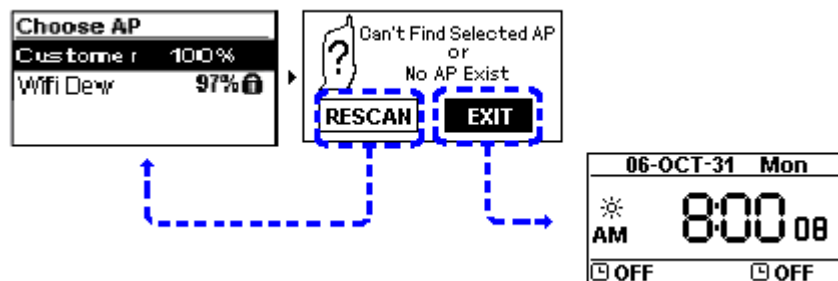
● SELECT AN EXISTING AP THAT DOES NOT NEED AN ENCRYPTION
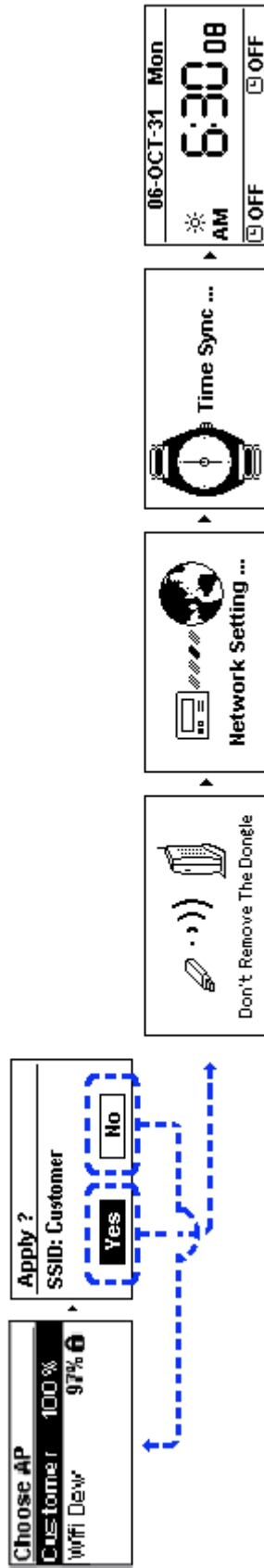
Select **Yes** to make a connection or select **No** to select other Access Points

● SELECT AN EXISTING AP THAT NEEDS AN ENCRYPTION
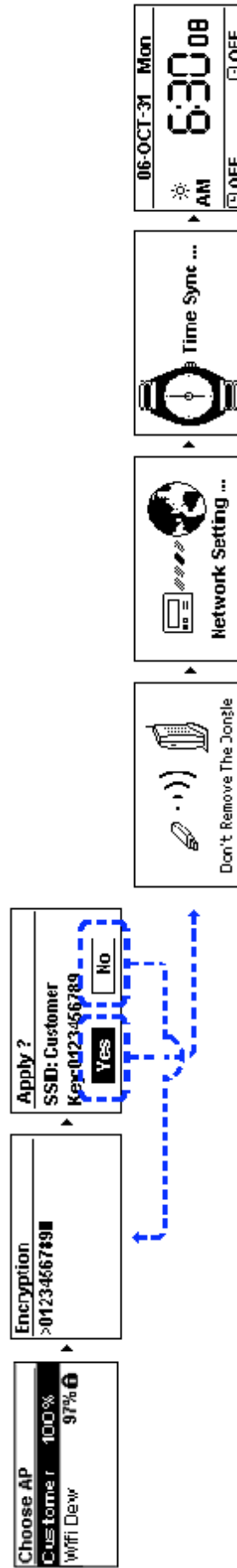
After inputting the encryption, Select **Yes** to make a connection or select **No** to select other Access Points

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• **FAIL TO CONNECT TO ACCESS POIN**
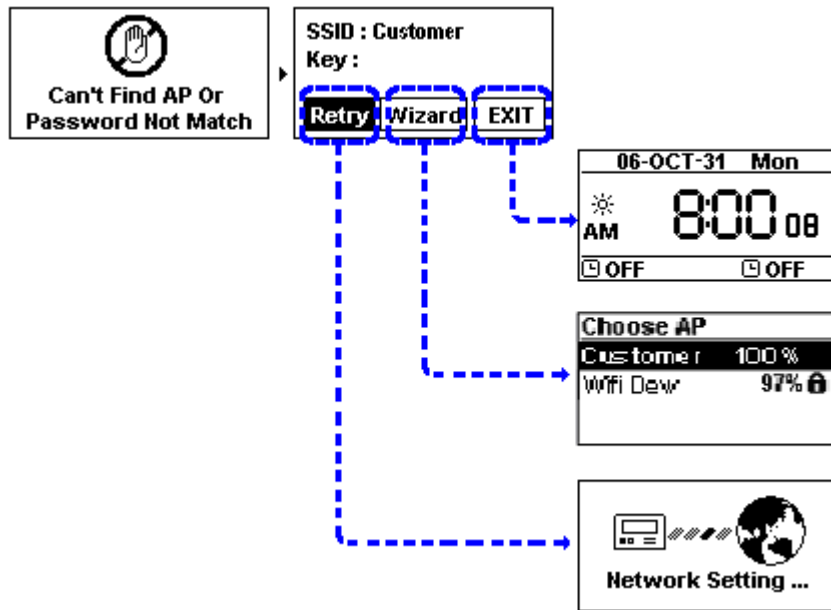
1. Select **Retry** to connect again

2. or Select **Wizard** to search available Access Point

3. or Select **EXIT** to quit

• **CAN NOT GET DHCP**
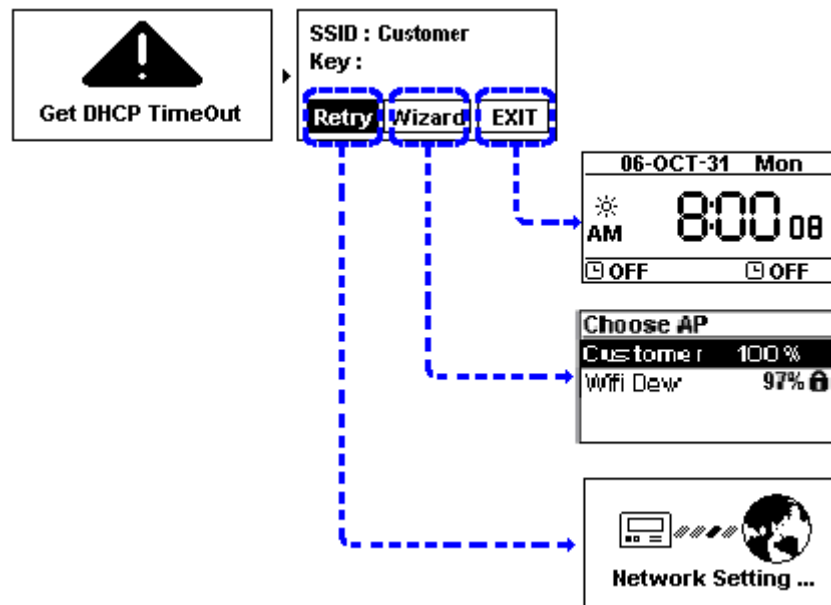
1. Select **Retry** to connect again

2. or Select **Wizard** to search available Access Point

3. or Select **EXIT** to quit

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2.3 Power On

After the system goes to Standby Mode, you may press **Standby** to activate the system.
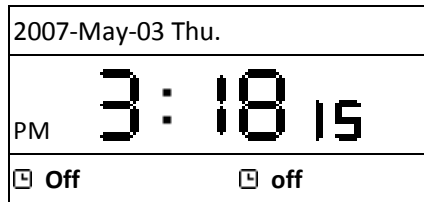
2007-May-03 Thu. PM **3:18** 15 ⏰ **Off** ⏰ **off**	CD ◎ Loading ...
Press **Standby** in Stand-By Mode	Audio sources checking

→
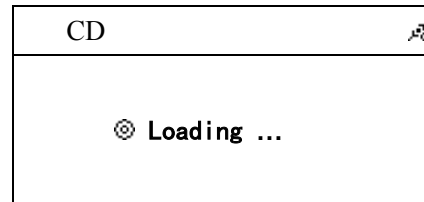
⊞ CD (CD / WWW / Podcast icons)	⊟ USB (USB / Card / FM icons)
Screen will show CD / Internet Radio / Podcast	Press **>** button, USB icon / SD/MMC /FM be displayed
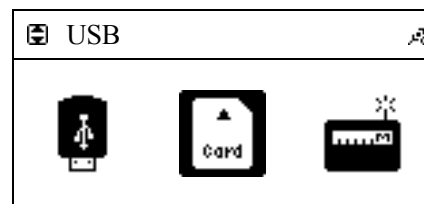
→
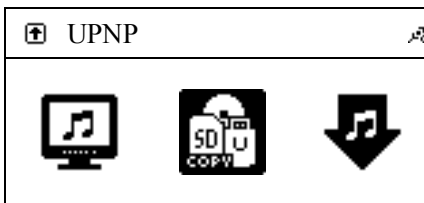
⊞ UPNP (Media Server / File Manager / AUX icons)	⊟ Settings (SETUP icon)
Following is Media Server / File Manager / AUX	Press **>** button, Setup be displayed
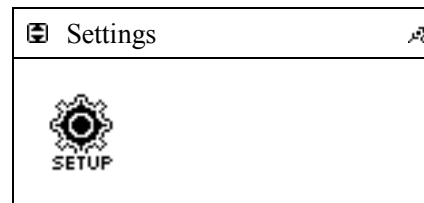
You can adjust the brightness of backlight appeared on your panel by pressing **B.L.** on your remote control.

⊞ CD   (CD / WWW / Podcast icons)
To adjust the brightness, press **B.L./ DIM**

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2.4 Control Keys
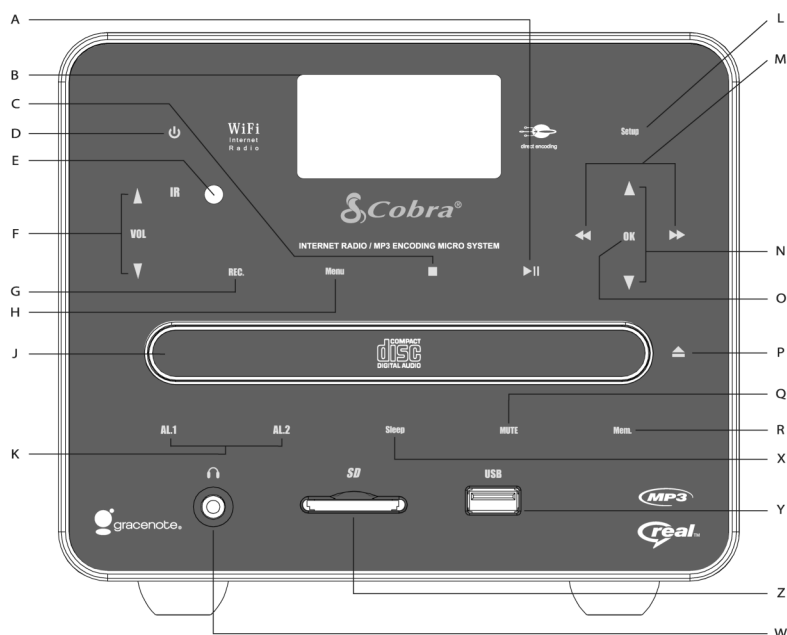
A	**Play Pause** Toggle Play/pause	M	**Skip/Fast Forward/Rewind** Press to jump to next previous track Hold to fast forward or rewind	
B	**LCD Screen** Backlight LCD screen	N	**Navigation** Navigate the stations and menu options	
C	**Stop/Esc** Stop playback or back to previous menu	O	**OK** Select stations and menu options	
D	**Standby** Switches between ON and Standby	P	**OPEN/CLOSE** Open/Close the CD tray	
E	**Infrared receiver** Receives signal from remote control	Q	**Mute** Mute the speakers	
F	**Volume** Tune for volume increase/decrease	R	**Memory** Save/Load preset stations	
G	**Record** Record CD/Internet Radio/FM to MP3	X	**Sleep** Toggle the sleep timer in 5, 10, 15, 20, 30 minute	
H	**Menu** Press to go to Source selection screen	Y	**USB connector** Insert external USB memory stick (Not included)	
J	**CD Tray** For audio and MP3 CDs	Z	**SD Card slot** Insert external SD Card (Not included)	
K	**Alarm 1, 2** Set Alarm	W	**Headphone** 3.5mm headphone socket	
L	**Setup** Press to go to the menu option Press to go to the menu option			

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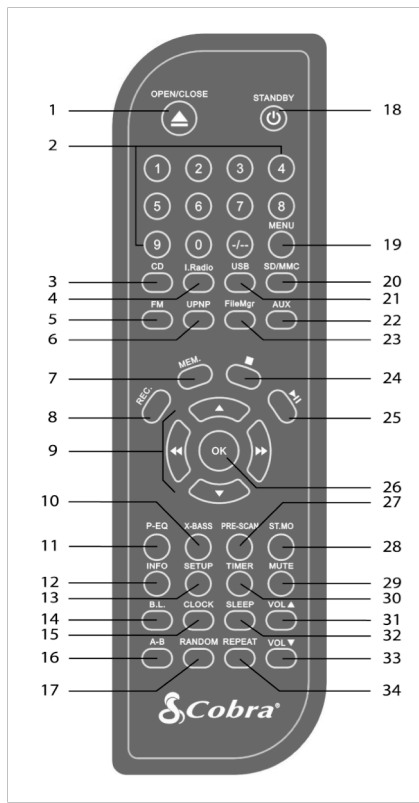
1	Open/Close the CD Tray-Open/Close	18	Standby-Switches between ON and Standby
2	Input characters-Numbers	19	Menu-Press to go to Source Menu
3	Quick access to CD-CD	20	SD/MMC-Quick access to SD/MMC playback
4	Quick access to Internet Radio-Internet Radio	21	USB-Quick access to USB playback
5	Quick access to FM-FM	22	AUX-Quick access to Aux-in
6	UPNP-Set up a windows PC to allow your radio to access files via a UPnP	23	Copy/Delete files on SD/MMC/USB memory-File Manager
7	Save/Load presets-Memory	24	ESC/Stop-Stop playback or back to previous menu
8	Record Internet Radio/FM/CD to USB/SD/MMC-Record	25	Play-Toggle Play/Pause
9	Navigate the stations and menu options-Navigation	26	SELECT/OK-Select stations and menu options
10	Enable/Disable extra bass boost-X-Bass	27	Pre-Scan button-Pre- scan FM stations
11	EQ modes toggle-Normal/Classic/Jazz/Pop/Rock-EQ	28	Stereo/Mono-Toggle Stereo/Mono mode in FM
12	Display FM RDS/MP3 and WMA lyrics-Info	29	Mute-Mute the speakers or Snooze
13	Press to go to the menu option-Setup	30	Timer-Set the alarm1 timer
14	Toggle backlight On/Off-Backlight	31	Volume Up-Increase the sound level
15	Display the time-Clock	32	Sleep-Toggle the sleep timer in 5, 10, 15, 20, 30 minutes
16	Play A to B loop-A-B	33	Volume Down-Decrease the sound level
17	Toggle shuffle mode On or Off-Random	34	Repeat-Toggle between repeat single track/all tracks/shuffle

Chapter 3 CD

3.1 Inserting a CD into the CD Tray

NOTE： 　　1. In order to play CD, please insert the Audio CD or MP3/WMA format CD.

　　　　　　2. Some CDs may be incompatible.

1. Press **OPEN/CLOSE** button to open the CD tray or top cover.
2. Insert an Audio CD or MP3/WMA CD into the CD tray.

Insert a CD

3．Press **OPEN/CLOSE** button again to close the CD tray or top cover.
4．⬿ icon will show on the topside of the screen when CD is detected.
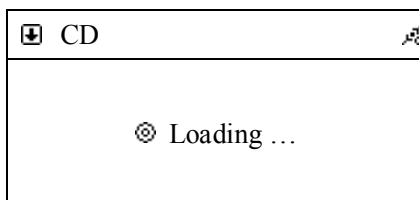
Loading the disc…

⬿ icon will be displayed.

3.2 Getting CD Information

NOTE：To get information from the Gracenote Music Recognition Service, please make sure the internet connection is workable and Audio CD is playable.

1. After a CD Loading, select 🖬 icon from the main menu and then press **SELECT** button to enter CD function.

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Press **SELECT**
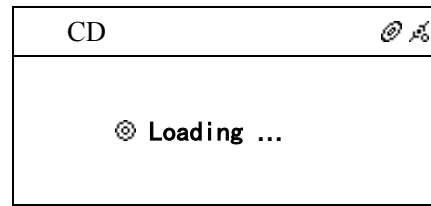
Processing

2. The ⚙ icon will show on the screen when querying CD information.

Accessing the Gracenote media database

→
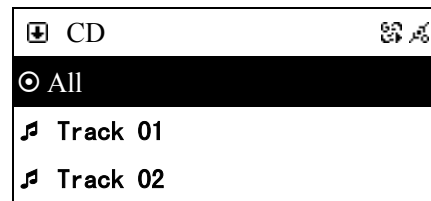
⚙ will show on the screen

3. Track names will be listed on the screen instead of track numbers after getting the CD track information.
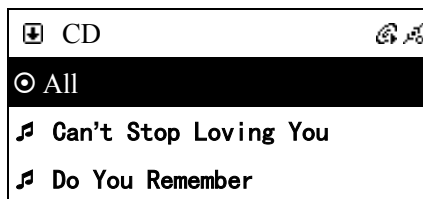
Get CD track information
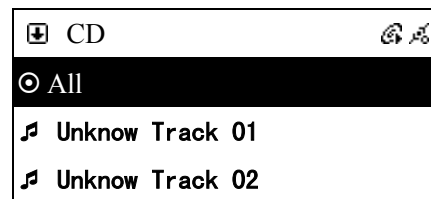
Shown "Unknow" if information is not available

3.3 Playing an Audio CD

There are two ways to play an Audio CD.

A. **Playing all the tracks within the disc**

1. Highlight [**All**] (or scroll down to the first track name).

2. Press **PLAY** or **SELECT/OK** button to play all songs.

Select [**All**], then press **PLAY**

or **SELECT** to play

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B. **Playing selected tracks within the disc**

  1. Scroll up/down to a track name, then press **MEMORY** button to make a check

    mark ✔.

  2. Repeat Step 1 to select other songs.

  3. Press **PLAY** or **SELECT/OK** button to play the marked songs.

⊟ CD	🔄 🔀
⊙ **All**	
♫ **Can't stop loving you**	✔
♫ **Do You Remember**	

Press **MEMORY** to make a check mark ✔,

then press **PLAY** to play.

or

▶ 001/012	🔄 🔀
Can't stop loving you	
Phil Collins	
*** **Love Songs: A Compilation**	
02 : 30 ▮▮▮▮▮▮▮▮▭▭▭▭▭ 04 : 30	
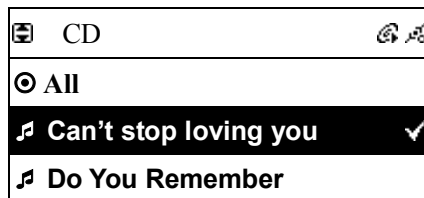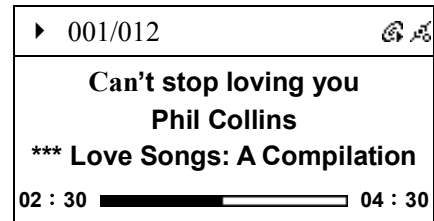
Music playing

NOTE：Not all audio CDs have CD track information.

3.4 Playing an MP3/WMA CD

NOTE：   1. Support MP3/WMA audio files.

        2. Support static lyrics and synced lyrics (.txt /.lrc /.smi)

        3. This system does not support MPEG 1 Layer 2 format.

There are two ways to play an Audio CD.

A. **Playing all the tracks within the disc**

  1. Highlight [**All**] (or scroll down to the first track name).

  2. Press **PLAY** or **SELECT/OK** button to play all songs.

⊞ CD	🔄 🔀
⊙ All	
🗀 **Phil Collins**	
♫ **Do You Remember**	
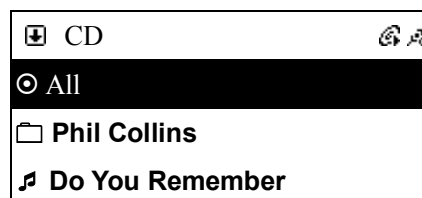
Select [**All**], then press **PLAY** or

SELECT to play.

B. **Playing selected tracks within the disc**

  1. Scroll up/down to a track name, then press **MEMORY** button to make a check

    mark ✔.

24

2. Repeat Step 1 to select other songs.

3. Press **PLAY** or **SELECT/OK** button to play the marked songs.

```
┌─────────────────────────────────┐
│ 🗐  CD                      🔁 🔀 │
├─────────────────────────────────┤
│ ⊙ All                           │
│ 🗀 Phil Collins                 │
│ ♪ Do You Remember          ✓   │
└─────────────────────────────────┘
```
Press **MEMORY** , then press **PLAY** to play.

C. **Playing one song within a folder or disc**

1. Scroll up/down to a file name, then press **MEMORY** button to make a check mark ✓.

2. Press **PLAY** or **SELECT/OK** button to play the song.
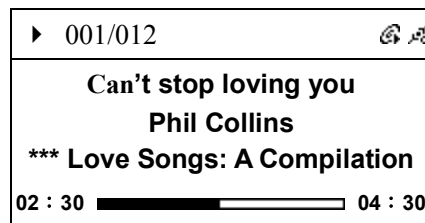
```
┌─────────────────────────────────┐
│ ▸  001/012                 🔁 🔀 │
│                                 │
│       Can't stop loving you     │
│           Phil Collins          │
│   *** Love Songs: A Compilation │
│                                 │
│ 02 : 30 ▐▬▬▬▬▬▬▬▬▭▭▭│ 04 : 30  │
└─────────────────────────────────┘
```
Music playing

3.5 CD Ripping

• After selecting the songs you want on your CD, press **REC** to rip

• Auto-categorization function will be activated when ripping a song to USB or SD/MMC.

• CD will not be recorded if the Audio CD is under protection

• The speed of CD Ripping is 1:1

3.5.1 Converting All the Tracks within the Disc

1. Insert an Audio CD into the CD tray.

2. Select 💿 icon from the main menu, then press **SELECT/OK** button to enter CD function.

3. Highlight [**All**] and, then press **REC** button to record.

25
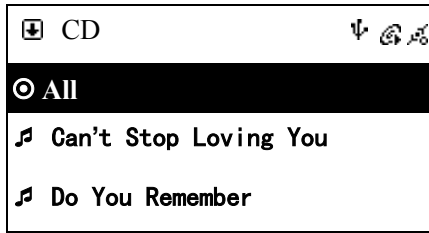
CD	● 001/012
⊙ All	**Can't Stop Loving You**
♫ Can't Stop Loving You	**Phil Collins**
♫ Do You Remember	*** Love Songs: A Compilation
	02 : 30 ▬▬▬▬ 04 : 30
Select [**All**], then press **REC** to rip	● icon will show on the screen when ripping
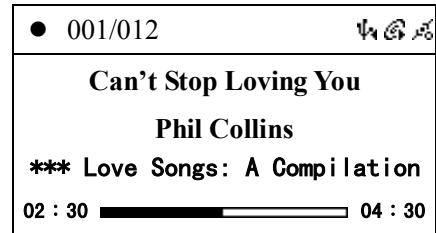
4. If both USB Device and SD/MMC Card are detected, scroll up/down to select a storage device where you want to store recording files, then press **SELECT/OK** to start recording.

5. ● icon will show on the topside of the screen when converting.

6. If for any reason it has failed to convert, the system will stop recording.

3.5.2 Converting Selected Tracks within the Disc

1. Insert an Audio CD into the CD tray.

2. Select ⦿ icon from the main menu, then press **SELECT/OK** button to enter CD function.

3. Scroll up/down to a track name, then press **MEMORY** button to make a check mark ✔.

4. Repeat Step 3 to select other songs and then press **REC** button to record.
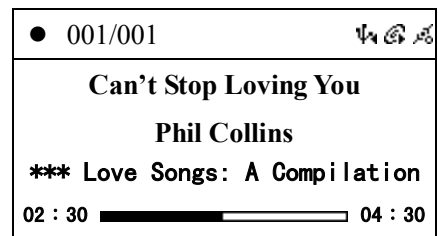
CD		● 001/001
⊙ All		**Can't Stop Loving You**
♫ Can't Stop Loving You ✔	→	**Phil Collins**
♫ Do You Remember		*** Love Songs: A Compilation
		02 : 30 ▬▬▬▬ 04 : 30
Press **MEMORY**, then Press **REC** to rip		● icon will show on the screen when ripping.

5. If both USB Device and SD/MMC Card are detected, scroll up/down to select a storage device where you want to store recording files, then press **SELECT/OK** to start recording.
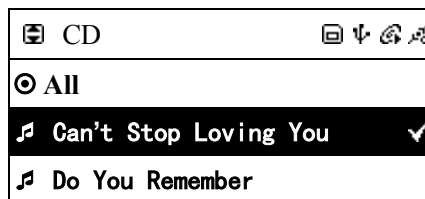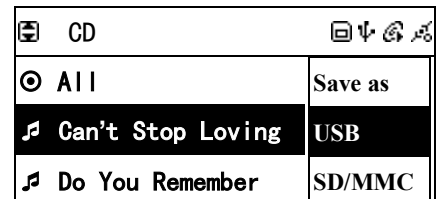
CD		CD
⊙ All		⊙ All	Save as
♫ Can't Stop Loving You ✔	→	♫ Can't Stop Loving	USB
♫ Do You Remember		♫ Do You Remember	SD/MMC
Press **MEMORY**, then Press **REC** to rip		Select **USB** or **SD/MMC** if necessary.

6. ● icon will show on the topside of the screen when converting.

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7. If the memory space of a storage device is less than 10MB, or if for any reason it has failed to convert, your system will stop recording.

⊟ CD   🌀🎧
⊙ **All**
♫ **Can't Stop Loving You**   ✔
♫ **Do You Remember**

Press **MEMORY**, then press **REC** to rip.

⊟ CD   🌀🎧
⊙ **All**
♫ **Can't Stop Loving You**   ✔
♫ **Do You Remember**
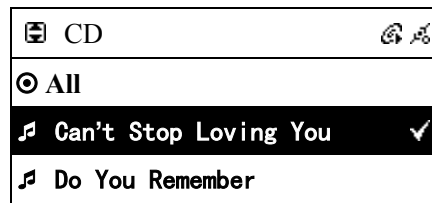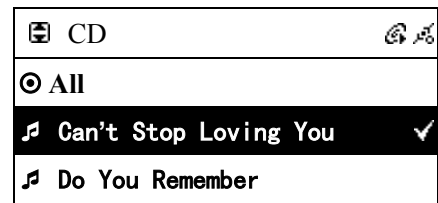
If no storage media, the action will stop.

⊞ CD   ↯ 🌀🎧
⊙ All
♫ Can't Stop Loving You
♫ Do You Remember
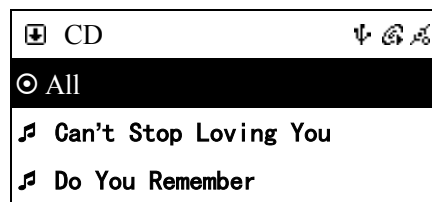
Press **REC** to rip **the** whole CD

→

● 001/012   ↯ 🌀🎧
⊙ Message
♫ Free Space:24.33 MB
♫ Starting Record
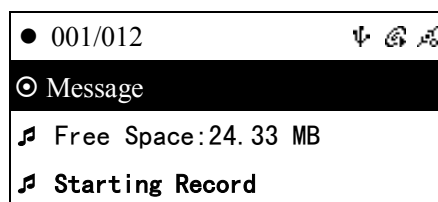
Checking the memory space of the

storage device

3.6 Now Playing

● Use the remote control to control Bass, Equalizer, Play Mode and A-B Loop (Note: some functions can only be enabled by using the remote control.)

▸ 001/012   🌀🎧
Can't Stop Loving You
Phil Collins
*** Love Songs: A Compilation
02 : 30 ▬▬▬▬▬▭▭▭ 04 : 30
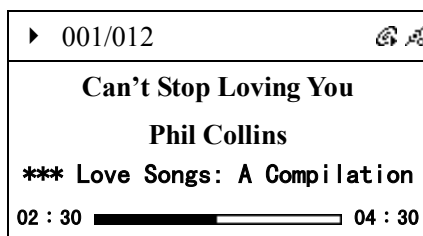
Press **NUMBER** buttons on the remote

control.

→

▸ 009/012   🌀🎧
Do You remember
Phil Collins
*** Love Songs: A Compilation
02 : 30 ▬▬▬▬▬▭▭▭ 04 : 30
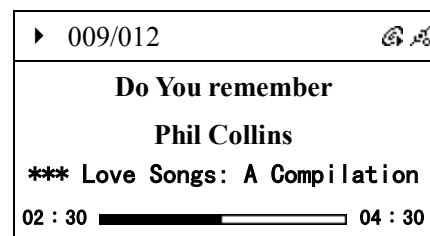
Jump to the track automatically.

or

▸ 001/012   🌀🎧
Can't Stop Loving You
Phil Collins
*** Love Songs: A Compilation
02 : 30 ▬▬▬▬▬▭▭▭ 04 : 30
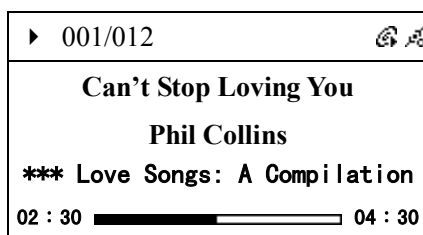
Press **-/--** button on the remote control.

→

▸ 001/012   🌀🎧
_1_ _1_
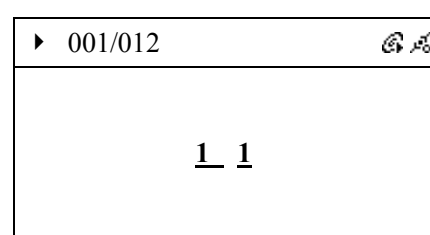
Input a track number to jump to the

track quickly.

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● EQ: Set the equalizer for Normal→ Classic→ Jazz→ Pop→ Rock and Bass +Normal→ Bass+Classic → Bass+Jazz → Bass+Pop → Bass+Rock.

```
┌─────────────────────────────────┐          ┌─────────────────────────────────┐
│ ▶ 001/012              🔁🔀      │          │ ▶ 001/012      [EQ]     🔁🔀    │
│                                 │          │                                 │
│    Can't Stop Loving You        │          │    Can't Stop Loving You        │
│         Phil Collins            │    →     │         Phil Collins            │
│  *** Love Songs: A Compilation  │          │  *** Love Songs: A Compilation  │
│  02:30 ■■■■■■■▬▬▬▬▬ 04:30        │          │  02:30 ■■■■■■■▬▬▬▬▬ 04:30        │
└─────────────────────────────────┘          └─────────────────────────────────┘
```
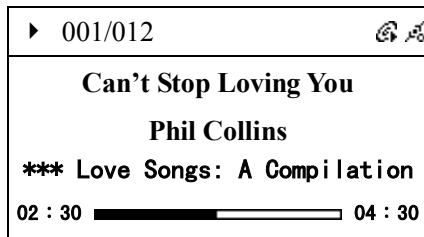
Press EQ to change equalizer.   The EQ icon will show on the screen
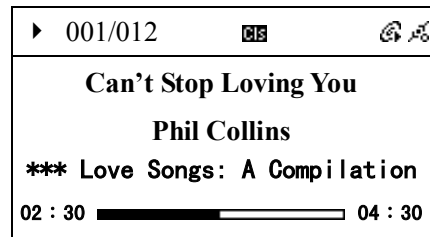
● Play Mode: Set the play mode for Normal→ Shuffle→ Repeat One→ Repeat All.

```
┌─────────────────────────────────┐          ┌─────────────────────────────────┐
│ ▶ 001/012              🔁🔀      │          │ ▶ 001/012      [ALL]    🔁🔀    │
│                                 │          │                                 │
│    Can't Stop Loving You        │          │    Can't Stop Loving You        │
│         Phil Collins            │          │         Phil Collins            │
│  *** Love Songs: A Compilation  │          │  *** Love Songs: A Compilation  │
│  02:30 ■■■■■■■▬▬▬▬▬ 04:30        │          │  02:30 ■■■■■■■▬▬▬▬▬ 04:30        │
└─────────────────────────────────┘          └─────────────────────────────────┘
```
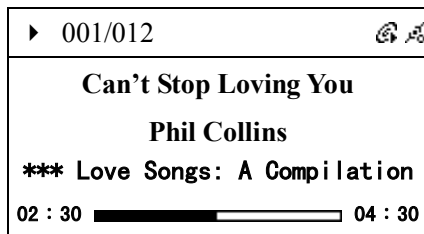
Press **REPEAT** to change play mode.   The Repeat icon will show on the screen.
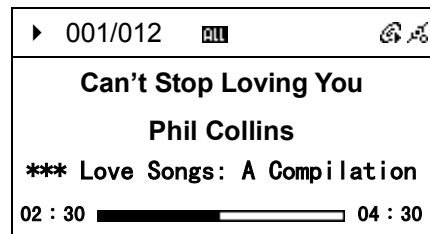
● A-B Loop (To set A-B loop time for music playing is at least 5 seconds) :

1. Press **SELECT/OK** to set starting point A when playing.

```
┌─────────────────────────────────┐
│ ▶ 001/012              🔁🔀      │
│                                 │
│    Can't Stop Loving You        │
│         Phil Collins            │
│  *** Love Songs: A Compilation  │
│  02:30 ■■■■■■■▬▬▬▬▬ 04:30        │
└─────────────────────────────────┘
```
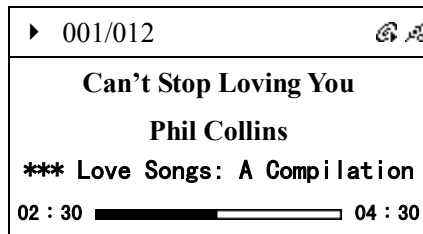
Press **SELECT /OK** to set A when playing.

[A] icon will show on the topside of the screen.

2. Press **SELECT/OK** again to set the period A to B when playing.

```
┌─────────────────────────────────┐
│ [AB]       001/012     🔁🔀      │
│                                 │
│    Can't Stop Loving You        │
│         Phil Collins            │
│  *** Love Songs: A Compilation  │
│  02:30 ■■■■■■■▬▬▬▬▬ 04:30        │
└─────────────────────────────────┘
```
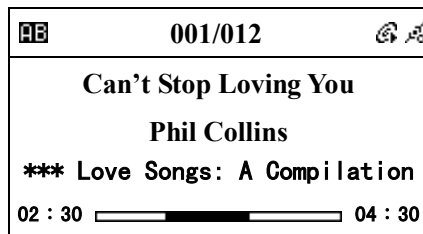
Press **SELECT /OK** again to repeat A-B loop.

[AB] icon will show on the topside of the screen.

3. Press **SELECT/OK** again to stop repeating in A-B loop.

[AB] icon will disappear.

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● If no remote control, press **SETUP** button instead of these quick keys when playing.

▶ **001/012**	🔄 🔇
Can't Stop Loving You	
Phil Collins	
✳✳✳ Love Songs: A Compilation	
02 : 30 ▰▰▰▰▱▱▱ 04 : 30	

Press **SETUP** when playing.
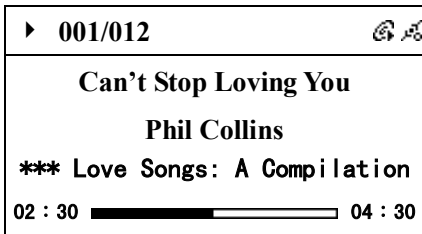
🗐 **Setting**	🔄 🔇
Play Mode	**>**
Equalizer	**Normal**
Balance	**>**
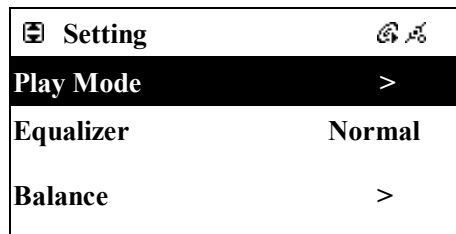
Select a Setting item.

3.7 Lyrics

• Support static lyrics and synced lyrics (.txt /.lrc /.smi).

   1.   MP3 － ID3V2 Embedded Lyric、 .Lrc、 .Txt

   2.   WMA － Embedded Lyric、 . Smi、 .Txt

• Edit lyrics for your MP3/WMA files if necessary.

▶ 001/012	🔄 🔇
Can't Stop Loving You	
Phil Collins	
✳✳✳ Love Songs: A Compilation	
02 : 30 ▰▰▰▰▱▱▱ 04 : 30	

Press **INFO** when playing.

→

▶ 001/012	🔄 🔇
Tearing and breaking down	
Tearing my heart	
Tearing and breaking down	
02 : 30 ▰▰▰▱▱▱▱ 04 : 30	
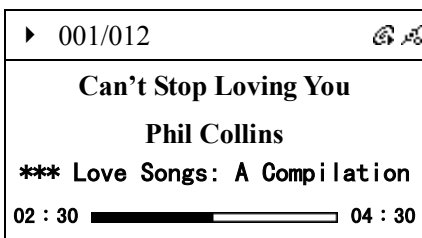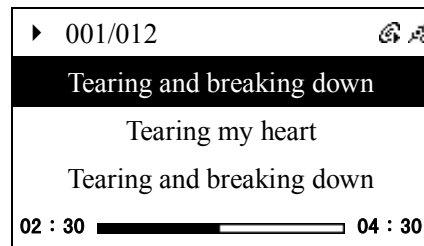
The lyrics will show on the screen.

▶ 001/012	🔄 🔇
Can't Stop Loving You	
Phil Collins	
✳✳✳ Love Songs: A Compilation	
02 : 30 ▰▰▰▱▱▱▱ 04 : 30	

Press **INFO** when playing.

→

▶ 001/012	🔄 🔇
No Lyrics	
02 : 30 ▰▰▰▱▱▱▱ 04 : 30	
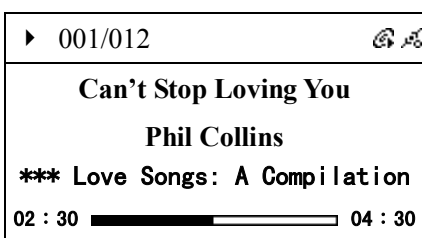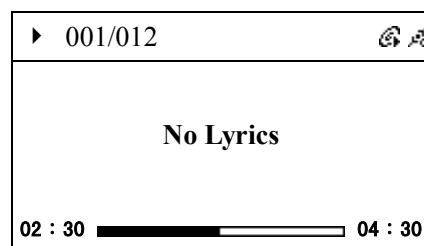
No lyrics available

3.8 Balance

• Bass and Balance are adjustable.

▸ 001/012	
Can't Stop Loving You	
Phil Collins	
✳✳✳ Love Songs: A Compilation	
02 : 30 ▬▬▬▬▬▬	04 : 30

Press **SETUP** when playing

→

⊡ Music Setting	
Play Mode	>
Equalizer	Normal
Balance	**>**
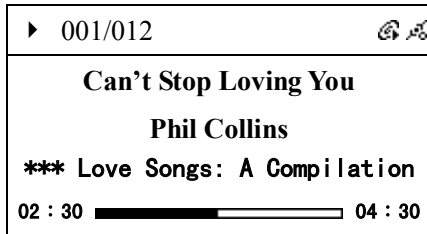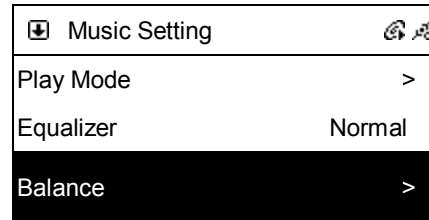
Enter Music Setting list and choose **Balance**

Balance	
L ▭▭▭▭│▭▭▭▭ R	
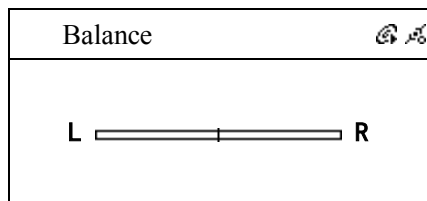
Press **Left/Right** button to modify the output

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Chapter 4 Internet Radio

4.1 Introduction

Internet radio is an audio broadcasting service transmitted via the Internet. By using internet radio devices, listeners receive a continuous stream of audio from internet radio stations. The system supports many audio stream sources such as Microsoft (mms://..) SHOUTCast.

- SHOUTCast (http://www.shoutcast.com)

Today most traditional FM radio stations in the world offer on-line radio services or programs. The system can connect to those on-line radio services or programs. Moreover, the system categorizes those stations by country, and sorts them under World Station file. This makes it easy to search for or to find a particular radio station.

4.2 World Station

System requirements: We recommend broadband internet connection (xDSL/Cable Modem). However, Internet Radio does not support PPPoE(ADSL) or ISP Proxy (cable modem). We strongly recommend connecting with a broadband router to have better quality of audio streaming.

- If there is no internet connection on your system, Wizard mode will be automatically activated. Please follow the instructions shown on the screen to establish network connection.

4.2.1 Listen to World Station

- Go to[**Main**] menu, choose ![icon] and press **SELECT/OK** button.

Choose Internet Radio

- Choose [**World Station**] and then press **SELECT/OK** button.

```
┌─────────────────────────────┐
│ ⊡  I.Radio            ⚡     │
│ Favorite              >     │
│ World Station         >     │
│ SHOUTCast             >     │
└─────────────────────────────┘
```
Choose World Station
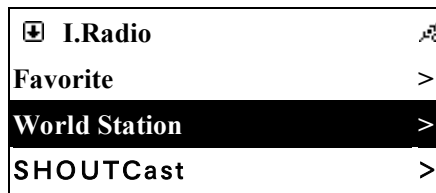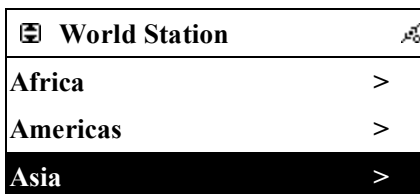
```
┌─────────────────────────────┐      ┌─────────────────────────────┐
│ ⊟  World Station      ⚡     │      │ ⊟  Asia               ⚡     │
│ Africa              >       │  →   │ South Korea         >       │
│ Americas            >       │      │ SriLanka            >       │
│ Asia                >       │      │ Turkmenistan        >       │
└─────────────────────────────┘      └─────────────────────────────┘
```
Categorized by Area   Categorized by Country
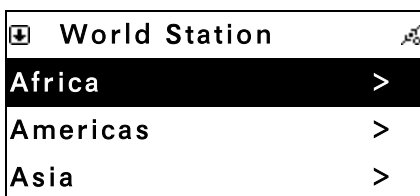
```
┌─────────────────────────────┐      ┌─────────────────────────────┐
│ ⊡  World Station      ⚡     │      │ ⊟  World Station      ⚡     │
│ Africa              >       │      │ Caribbean           >       │
│ Americas            >       │  →   │ Europe              >       │
│ Asia                >       │      │ Middle East         >       │
└─────────────────────────────┘      └─────────────────────────────┘
```
Press ◀ / ▶ button for fast search   The name of Radio stations change alphabetically
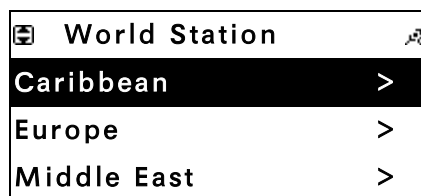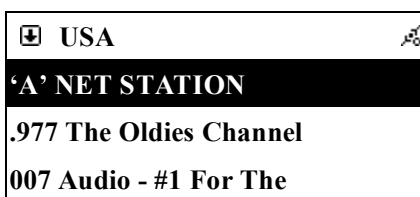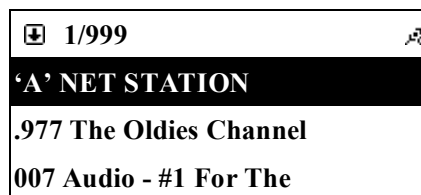
```
┌─────────────────────────────┐      ┌─────────────────────────────┐
│ ⊡  USA                ⚡     │      │ ⊡  1/999              ⚡     │
│ 'A' NET STATION             │      │ 'A' NET STATION             │
│ .977 The Oldies Channel     │  →   │ .977 The Oldies Channel     │
│ 007 Audio - #1 For The      │      │ 007 Audio - #1 For The      │
└─────────────────────────────┘      └─────────────────────────────┘
```
Press INFO   The amount of radio stations will show on the

                                                        screen

```
┌─────────────────────────────┐      ┌─────────────────────────────┐
│ ⊟  UK                 ⚡     │      │ ⊟  BBC Radio 2        ⚡     │
│ BCC Radio 1                 │      │ BCC Radio 2                 │
│ BCC RADIO 1Xtra             │  →   │ BCC Radio 2(WMA)            │
│ Bcc Radio 2                 │      │ On Demand                   │
└─────────────────────────────┘      └─────────────────────────────┘
```
Categorized by alphanumeric order   Categorized by **Radio station**
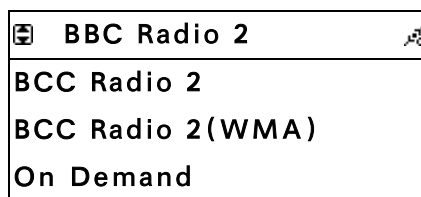
• Scroll up/down to a station and then press **SELECT/OK** button to play.

• You will hear music after buffering reaches to 100%.

```
┌─────────────────────────────┐
│ World Station         ⚡     │
│     BCC News Radio          │
│                             │
│     <BCC News> 24 Kbps      │
└─────────────────────────────┘
```
Playing

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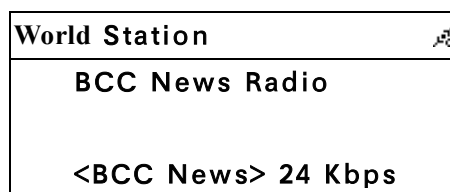
Note 1：Does not support REC function for those radio stations in World Station.

Note 2：For fast search for an internet radio, press ▶ button to jump from radio stations starting with letters A to letter B, letter B to letter C, and so on. Press ◀ button to jump backward.

Note 3 : Press INFO to determine the total amount of internet radio stations in a specific category which you are browsing.

4.3 SHOUTCast

System requirements: We recommend broadband internet connection (xDSL/Cable Modem). However, Internet Radio does not support PPPoE(ADSL) or ISP Proxy (cable modem). We strongly recommend connecting with a broadband router to have better quality of audio streaming.

4.3.1 Listen to SHOUTCast

• Go to[**Main**] menu, choose and press **SELECT/OK** button.
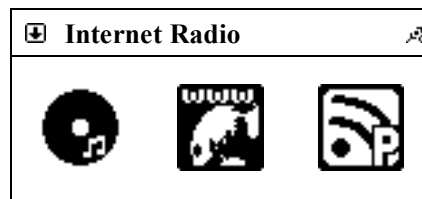
⊞ **Internet Radio**

Choose Internet Radio

• Choose [SHOUTCast] and then press **SELECT/OK** button.

⊞ I.Radio	
Favorite	>
World Station	>
SHOUTCast	>
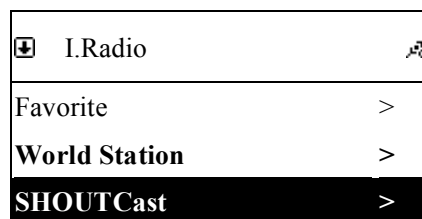
Choose SHOUTCast

• Scroll up/down to a station and then press **SELECT/OK** button to play.
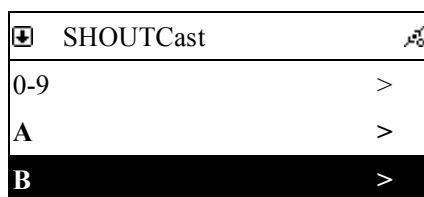
⊞ SHOUTCast	
0-9	>
A	>
B	>

Categorized by Genres
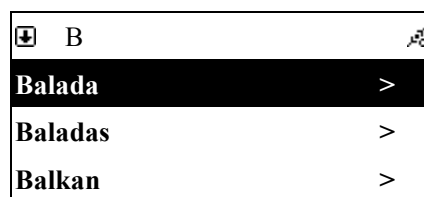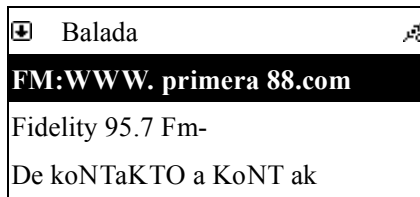
⊞ B	
Balada	>
Baladas	>
Balkan	>

Press **SELECT/OK**

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```
┌─────────────────────────────────┐
│ ⊡   Balada                    ⚡ │
│ FM:WWW. primera 88.com          │
│ Fidelity 95.7 Fm-               │
│ De koNTaKTO a KoNT ak           │
└─────────────────────────────────┘
```

press **SELECT/OK** button to play

• You will hear music after buffering reaches to 100%.

```
┌─────────────────────────────────┐
│   i. Radio                    ⚡ │
│ Primera 88.1 FM:www. Primera 8  │
│                                 │
│         MP3.56 Kbps             │
└─────────────────────────────────┘
```
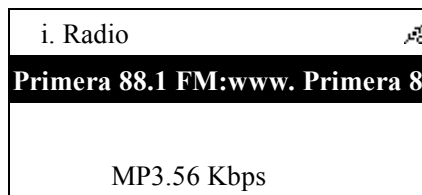
Playing

Note 1 ： For fast search for an internet radio, press ▸ button to jump from radio stations starting with letter A to letter B, letter B to letter C, and so on. Press ◂ button to jump backward.

Note 2 ： Press INFO to determine the total amount of internet radio stations in a specific category which you are browsing.

4.4 Add/Delete a Radio Station

NOTE：The maximum radio stations that your system can memorize is 20.

- Scroll to the radio station you want to add into FAVORITE.
- Hold **SELECT/OK** button for 2 seconds and the scrolling bar will blink twice.

▣ World Station ⚡ **BCC News Radio** BCC Classical BCC Pop	▣ World Station ⚡ **BCC News Radio** BCC Classical BCC Pop
Press **SELECT / OK or MEMORY** for 2 sec.	Scrolling bar blinks twice

- The radio station you have chosen will be added into FAVORITE after blinking stops.

Favorite ⚡ **BCC News Radio**	Favorite ⚡ **BCC News Radio**
Adding a station into FAVORITE	Hold **SELECT/OK** for 2 seconds to delete a station
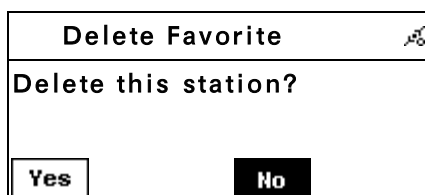
Delete Favorite ⚡ Delete this station? Yes **No**	Favorite ⚡
Confirm	Choose Yes then press **SELECT/OK** to delete

- The system will inform you if a station you try to add into FAVORITE exists already.
- It may consume more than 1 storage space if the information of a radio station is extensive.

Chapter 5 PodCast

5.1 Introduction

Do you want directly browse / listen to online PodCast classification?

PodCast let your dream comes true!

It also supports the PodCast files downloaded to USB devices to listen to

offline programs.

Time saving! It can update programs under standby mode.

5.2 Listen to Podcast

- Go to [**Main**] menu, choose and press **OK** button.

⊞ PodCast ⚲
● 🎵   www 🐵

choose PodCast

or

Main ⚲
i.Radio ＞
PodCast ＞
USB ＞

choose PodCast

PodCast ⚲
PodCast Station ＞
Subscribed List ＞

press **OK** to confirm

→

PodCast St... ⚲
PodCast List ＞
Penbex Collection ＞

press **OK** to confirm

⊞ PodCast List ⚲
Art ＞
Audio Blogs ＞
Books ＞

Press ◀ / ▶ button to your selecting one

→

⊞ News ⚲
🔊 ABC News Nightline ＞
🔊 ABC News Shuffle ＞
🔊 CNN News Update ＞

Press ◀ / ▶ button to your selecting program

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```
┌────────────────────────────┐          ┌────────────────────────────┐
│ ⊞ News            ⇓ ⚡       │          │ ⊞ News            ⇓ ⚡       │
├────────────────────────────┤          ├────────────────────────────┤
│ ▣ ABC News Nightline    〉  │          │                            │
│ ▣ ABC News Shuffle      〉  │    →     │      Subscribe Done !      │
│ ▣ CNN News Update       〉  │          │                            │
└────────────────────────────┘          └────────────────────────────┘
```
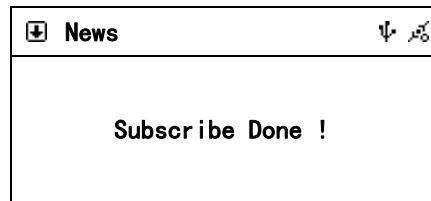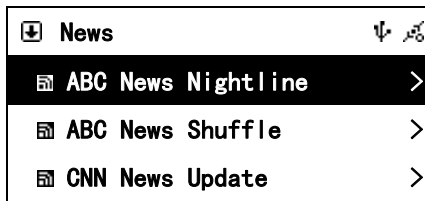
Want save it to USB? insert USB first, then press   'Subscribe Done' will shows up if it succeed.

Memory or **REC**.

```
┌────────────────────────────┐          ┌────────────────────────────┐
│ ⊞ ABC News        ⇓ ⚡      │          │ ⊞ ABC News        ⇓ ⚡      │
├────────────────────────────┤          ├────────────────────────────┤
│ ▣ ABC News Nightline    〉  │          │ Nightline (Audio)          │
│ ▣ ABC News Shuffle      〉  │    →     │ Nightline (Audio)          │
│ ▣ CNN News Update       〉  │          │ Nightline (Audio)          │
└────────────────────────────┘          └────────────────────────────┘
```
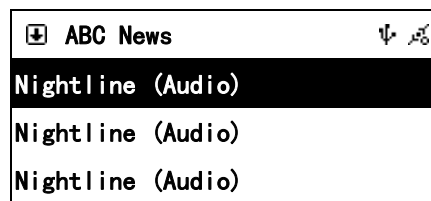
Press ◀ / ▶ button to your selecting one, then   Press ◀ / ▶ button to your selecting one, then

press **OK** to confirm   press **OK** to confirm

```
┌────────────────────────────┐          ┌────────────────────────────┐
│   PodCast List    ⇓ ⚡      │          │ ⊞ ABC News        ⇓ ⚡      │
├────────────────────────────┤          ├────────────────────────────┤
│    Nightline (Audio)       │          │ Nightline (Audio)          │
│   *** ABC News ...***      │    →     │ Nightline (Audio)          │
│     MP3,48 Kbps            │          │ Nightline (Audio)          │
└────────────────────────────┘          └────────────────────────────┘
```
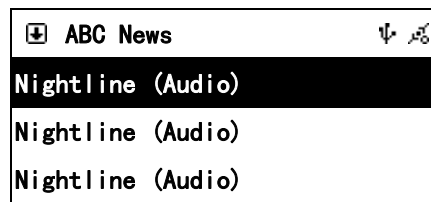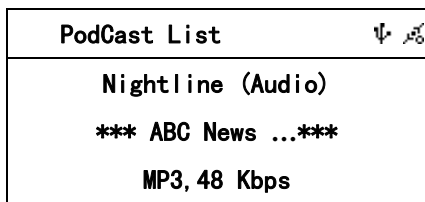
The display will be appeared   At this screen, you also can download appointed one
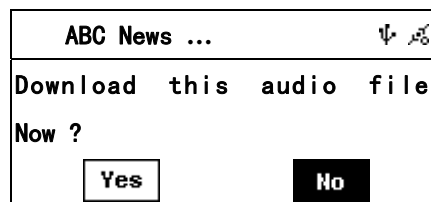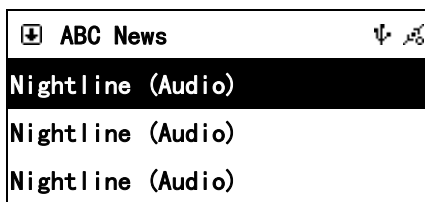
```
┌────────────────────────────┐          ┌────────────────────────────┐
│ ⊞ ABC News        ⇓ ⚡      │          │   ABC News ...    ⇓ ⚡      │
├────────────────────────────┤          ├────────────────────────────┤
│ Nightline (Audio)          │          │ Download  this  audio file │
│ Nightline (Audio)          │    →     │ Now ?                      │
│ Nightline (Audio)          │          │    Yes          No         │
└────────────────────────────┘          └────────────────────────────┘
```

Press ◀ / ▶ button to your selecting one, then   Press ◀ / ▶ button to 'Yes', then press **OK** to confirm

press **REC**.

```
┌────────────────────────────┐          ┌────────────────────────────┐
│   Download        ⇓ ⚡      │          │   Download        ⇓ ⚡      │
├────────────────────────────┤          ├────────────────────────────┤
│    Nightline (Audio)       │          │    Nightline (Audio)       │
│     Downloading ...        │    →     │     Downloading ...        │
│   Waiting for Response     │          │    1/1 -> 25.7 %           │
└────────────────────────────┘          └────────────────────────────┘
```
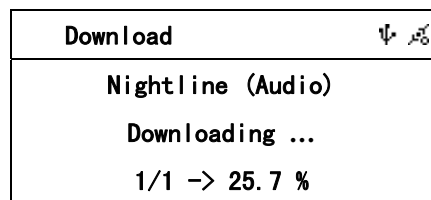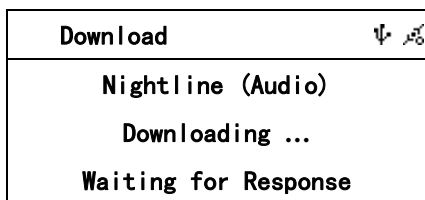
Then Downloading   It needs you a little patience

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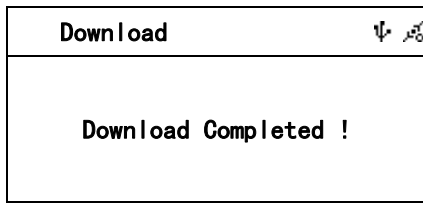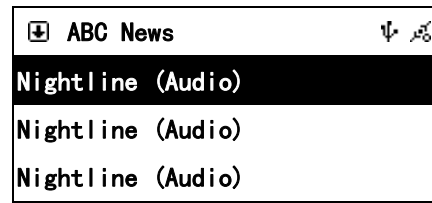
```
┌─────────────────────────────┐        ┌─────────────────────────────┐
│ Download          Ψ ⚡       │        │ ⊞ ABC News        Ψ ⚡      │
│                             │        │ ███████████████████████████ │
│                             │        │ Nightline (Audio)           │
│     Download Completed !    │   →    │ Nightline (Audio)           │
│                             │        │ Nightline (Audio)           │
│                             │        │                             │
└─────────────────────────────┘        └─────────────────────────────┘
         Finally, succeed!                    Return to List Page
```

5.3 Update / play Subscribed list items
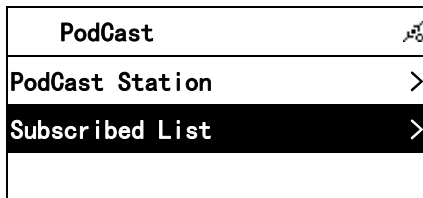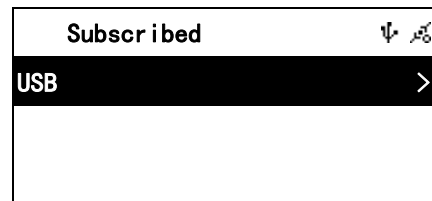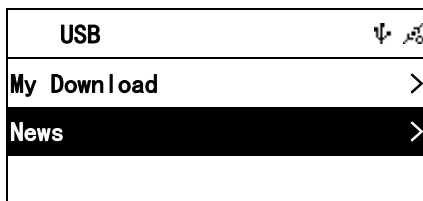
```
┌─────────────────────────────┐        ┌─────────────────────────────┐
│   PodCast            ⚡      │        │   Subscribed      Ψ ⚡      │
│ PodCast Station        >    │        │ USB                     >   │
│ Subscribed List        >    │   →    │                             │
│                             │        │                             │
│                             │        │                             │
└─────────────────────────────┘        └─────────────────────────────┘
      choose Subscribed List            The current insert device will show up
```

```
┌─────────────────────────────┐        ┌─────────────────────────────┐
│   USB             Ψ ⚡      │        │   News            Ψ ⚡      │
│ My Download            >    │        │ ▥ ABC News Nightline    >   │
│ News                   >    │   →    │                             │
│                             │        │                             │
│                             │        │                             │
└─────────────────────────────┘        └─────────────────────────────┘
  access USB，the download programs should be   Press ◀ / ▶ button to your selecting one
              appeared
```
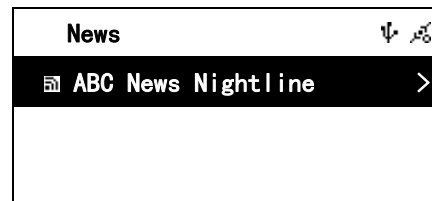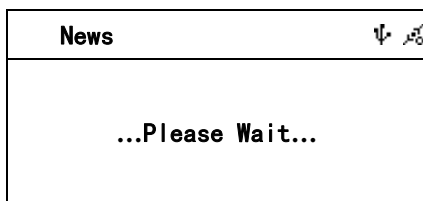
```
┌─────────────────────────────┐        ┌─────────────────────────────┐
│   News            Ψ ⚡      │        │   ABC News ...    Ψ ⚡      │
│                             │        │ Update now ?                │
│                             │        │                             │
│     ...Please Wait...       │   →    │                             │
│                             │        │   ┌─────┐      ┌─────┐      │
│                             │        │   │ Yes │      │ No  │      │
└─────────────────────────────┘        └─────────────────────────────┘
      press OK to confirm              Press ◀ / ▶ button to 'Yes', then press OK to confirm
```
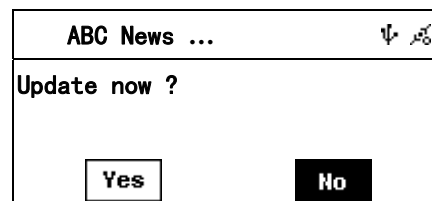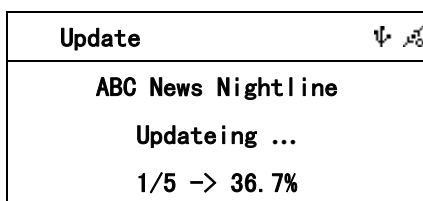
```
┌─────────────────────────────┐        ┌─────────────────────────────┐
│   Update          Ψ ⚡      │        │   Update          Ψ ⚡      │
│   ABC News Nightline        │        │                             │
│     Updateing ...           │   →    │     ...Please Wait...       │
│     1/5 -> 36.7%            │        │                             │
│                             │        │                             │
└─────────────────────────────┘        └─────────────────────────────┘
 During this period, if do not want to continue,        Reforming record
             press ESC/STOP
```

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```
┌─────────────────────────────┐
│ ABC News              ⇓ ⚙   │
│ ● Nightline (Audio)         │
│ ● Nightline (Audio)         │
│ ● Nightline (Audio)         │
└─────────────────────────────┘
```
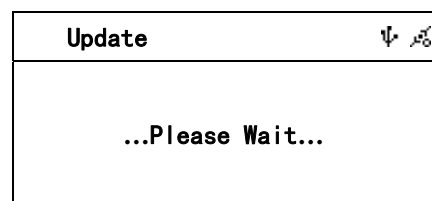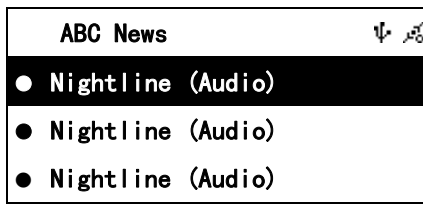
a ● icon shows up at front of the haven't played

program

→

```
┌─────────────────────────────┐
│ ▶ 1/3                 ⇓ ⚙   │
│      Nightline (04.01.08)   │
│         ABCNews.com         │
│                             │
│ 02:30 ▬▬▬▬▬▬▬▬▬      18:53   │
└─────────────────────────────┘
```
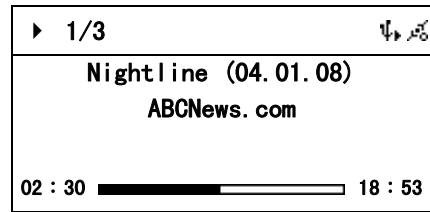
press **OK** to access that program

```
┌─────────────────────────────┐
│ ABC News              ⇓ ⚙   │
│   Nightline (Audio)         │
│ ● Nightline (Audio)         │
│ ● Nightline (Audio)         │
└─────────────────────────────┘
```
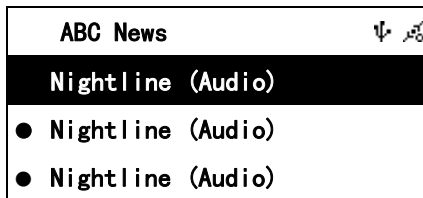
After play, the ● icon disappeared

→

```
┌─────────────────────────────┐
│ USB                   ⇓ ⚙   │
│ My Download              >  │
│ News                     >  │
│                             │
└─────────────────────────────┘
```
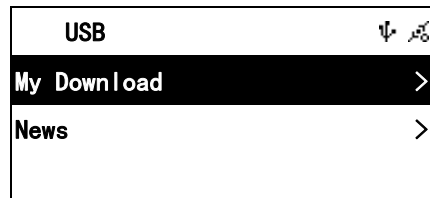
Also, you can choose My Download to download manually

```
┌─────────────────────────────┐
│ My Download           ⇓ ⚙   │
│ ☐ *** ABC_News_Nightline  > │
│                             │
│                             │
└─────────────────────────────┘
```
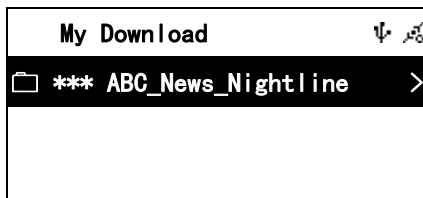
Same as subscribed, radio save it to proper path

→

```
┌─────────────────────────────┐
│ My Download           ⇓ ⚙   │
│ ♫ 080711_ntl.mp3            │
│ ♫ 080710_ntl.mp3            │
│                             │
└─────────────────────────────┘
```
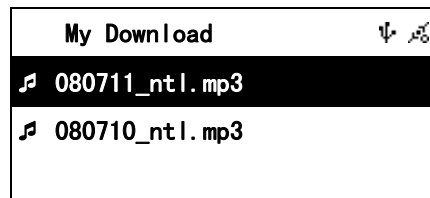
Continue browse down, the manual download items will

show up

```
┌─────────────────────────────┐
│ ▶ 1/2                 ⇓ ⚙   │
│      Nightline (07.11.08)   │
│           editor            │
│                             │
│ 02:30 ▬▬▬▬▬▬▬       18:53    │
└─────────────────────────────┘
```

press **OK** to confirm

→

```
┌─────────────────────────────┐
│ My Download           ⇓ ⚙   │
│ ♫ 080711_ntl.mp3            │
│ ♫ 080710_ntl.mp3        ✔   │
│                             │
└─────────────────────────────┘
```
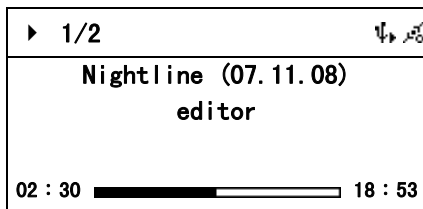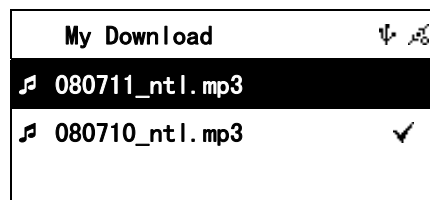
Want to continue your favorite one?

Press **Memory** to do this order

```
┌─────────────────────────────┐
│ ▶ 1/1                 ⇓ ⚙   │
│      Nightline (07.11.08)   │
│           editor            │
│                             │
│ 02:30 ▬▬▬▬▬▬▬       18:53    │
└─────────────────────────────┘
```
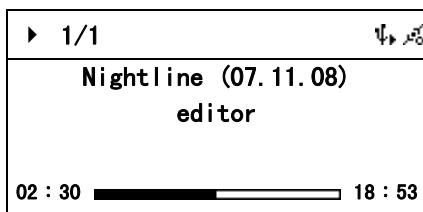
press **OK** to confirm, then only the saved in

memory program will play

→

```
┌─────────────────────────────┐
│ ABC News              ⇓ ⚙   │
│ ● Nightline (Audio)     ✔   │
│ ● Nightline (Audio)         │
│ ● Nightline (Audio)     ✔   │
└─────────────────────────────┘
```
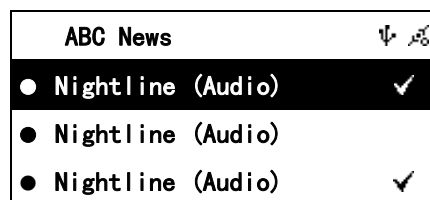
Subscribed program, also can play as memory order

5.4 Cancel Subscribed List
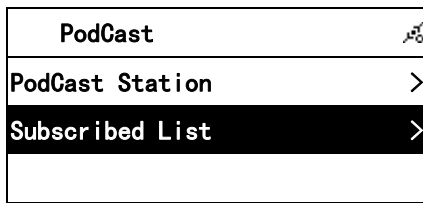
PodCast	
PodCast Station	>
Subscribed List	**>**

→

Subscribed	
USB	**>**

choose Subscribed List   The current insert device will show up

USB	
My Download	>
News	**>**

→

News	
▣ ABC News Nightline	**>**

access USB，the download programs should be   Press ◂ / ▸ button to your selecting one

appeared

News	
Unsubscribe this RSS	
And delete its files ?	
Yes	No

→

News	
Unsubscribe Success !	

Press **Memory**, radio will ask you as above   Press ◂ / ▸ button to '**Yes**', then press **OK** to confirm

USB	
My Download	**>**
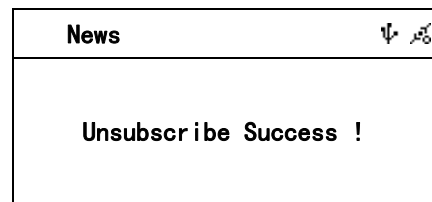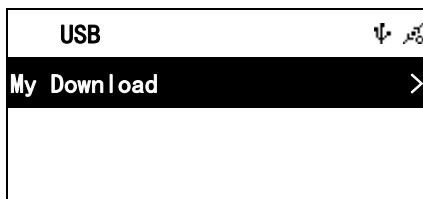
Then return to previous screen display

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5.5 PodCast Setting :

```
┌─────────────────────────────┐        ┌─────────────────────────────┐
│ ⊞ Main            Ψ ⚒ │        │ ⊟ Setting          Ψ ⚒ │
│ FileMgr              〉│        │ PodCast Setting        〉│
│ AUX                  〉│  →     │ iPod                 〉│
│ Setting              〉│        │ Network              〉│
└─────────────────────────────┘        └─────────────────────────────┘
```
　　　　choose Setting　　　　　　　　　　　choose PodCast Setting

```
┌─────────────────────────────┐
│    PodCast         Ψ ⚒ │
│ Update Mode        Auto │
│ Update Items        All │
│ Keep Items          All │
└─────────────────────────────┘
```
press **OK** repeatedly to convert options

for detail, please see left form

Item	Option
Update Mode (under Stand By mode)	Auto：auto update Manual：manual update
Update Items	All：completed update Newly：only new update Last 3：only last 3 items update
Keep Items	All：completed update Newly：only new update Last 3：only last 3 items update

41

5.6 Download under standby mode:

PodCast	ψ ⚏
Update Mode	Auto
Update Items	**Newly**
Keep Items	All

→

2008-Jul-15 Thu..
PM **3:18** IS
🕑 Off   🕑 off

press **OK** repeatedly to convert to your selecting option

Press **Stand By** to enter Stand By mode

2008-Jul-15 Thu..   ψ
Getting RSS ...
🕑 Off   🕑 off

→

2008-Jul-15 Thu..   ψ
1830 Magazine
1/9 -> 86.2 %
🕑 Off   🕑 off

Five minutes later，ψ will show up on the top right corner，and twinkling

After found out the aim, then update, and show you the rate of progress

2008-Jul-15 Thu..   ψ
PM **3:18** IS
🕑 Off   🕑 off

→

2008-Jul-15 Thu..   ψ
1830 Magazine
3/9 -> 86.2 %
🕑 Off   🕑 off

During update, it would be returned to time screen

When a new item is found, or press **INFO** then shows the rate of progress

2008-Jul-15 Thu..
PM **3:18** IS
🕑 Off   🕑 off

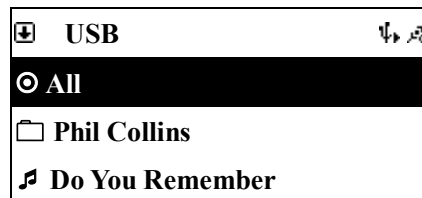After update, it should be returned to time screen, and check new items per hour

⬡ Chapter 6 USB

NOTE: 1. Please make sure your USB device is, charged before connecting to the unit. Otherwise, it may not be detected. Backup your data on this device in order for it to work properly.
2. In all play modes, if the filename is not in English, the international character for MP3/WMA tracks is replaced with "disorder character".
3. Some USB devices may be incompatible.

6.1 Playing Songs on the USB Device

1. Insert USB Device with MP3/WMA audio files into your system.
2. ⬙ icon will show on the topside of the screen when USB is detected.
3. Select ⬡ icon from the main menu and then press **SELECT/OK** button to enter USB function.
4. Scroll up/down to a song, folder or [⊙ **All**], then press **PLAY** button to play.

```
┌──────────────────────────────────┐
│ ⊞  USB                      ⬙ ⚡ │
│ ⊙ All                            │
│ ☐ Phil Collins                   │
│ ♫ Do You Remember                │
└──────────────────────────────────┘
```
Press **PLAY** button

5. Select marked songs or folders: Press **MEMORY** button to make a check mark ✔, then press **PLAY** button to play the marked songs.

```
┌──────────────────────────────────┐
│ ⊟  USB                      ⬙ ⚡ │
│ ⊙ All                            │
│ ☐ Phil Collins                   │
│ ♫ Do You Remember          ✔    │
└──────────────────────────────────┘
```
Press **MEMORY** to make a check mark ✔,
then press **PLAY** to play

or

```
┌──────────────────────────────────┐
│ ▶  001/012                  ⬙ ⚡ │
│ Can/012 resseck mark             │
│ Phil Collins                     │
│ *** Love Songs: A Compilation    │
│ 02：30 ▮▮▮▮▮▮▭▭▭▭▭▭      04：30 │
└──────────────────────────────────┘
```
Playing

43
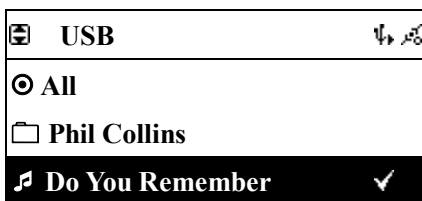
▣ **Chapter 7 SD/MMC**

NOTE: 1.   Some SD/MMC cards may be incompatible.

7.1 Playing Songs on the SD/MMC Card

1.   Insert a SD/MMC card with MP3/WMA audio files into the SD/MMC slot.

2.   ▣ icon will show on the topside of the screen when SD/MMC is detected.

3.   Select ▣ icon from the main menu and then press **SELECT/OK** button to enter SD/MMC function.

4.   Scroll up/down to a song, folder or, [⊙ **All**] then press **PLAY** button to play.
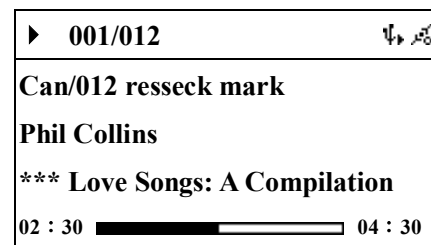
Press **PLAY** to play

5.   Select marked songs or folders: Press **MEMORY** button to make a check mark ✔, then press **PLAY** button to play the marked songs.
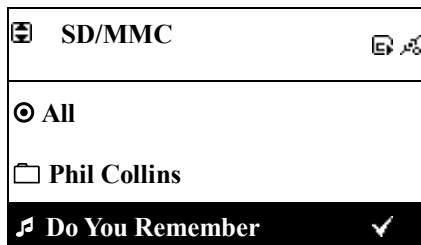
Press **MEMORY** to make a check mark ✔,
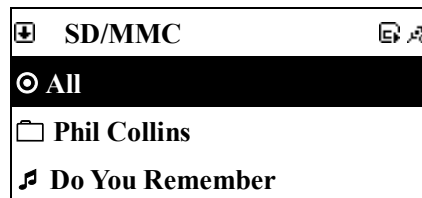
then press **PLAY** to play.

Playing

44
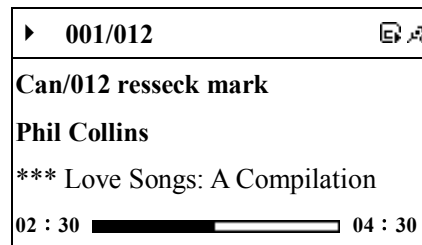
📻 **Chapter 8 FM Radio**

8.1 Listening to FM Radio

1. Select 📻 icon and then press SELECT/OK button to enter FM function.

USB	→	FM Radio
🖴 USB		FM **STEREO**
(USB, Card, FM icons)		90.10MHz
		87.5 ▭▭▭▭▭ 108
		1 2 3 4 5 6 7 8 9 10
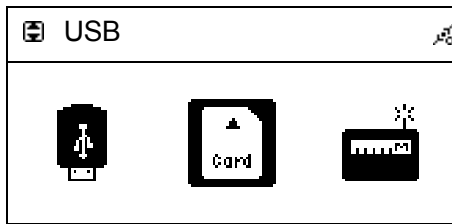
Press ◀/▶ button to FM radio, and then press SELECT/OK
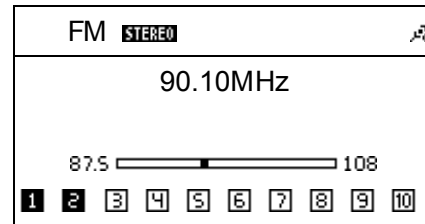
FM Radio

2. Press PRE-SCAN button for pre-scanning all available stations.

FM **STEREO**

90.10MHz

Pre-scanning…

87.5 ▭▭▭▭▭ 108

1 2 3 4 5 6 7 8 9 10
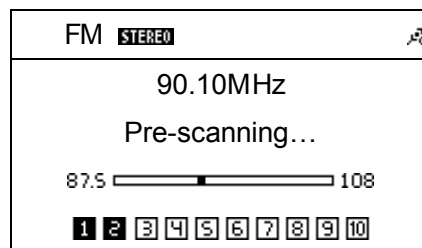
FM Radio

8.2 Tuning the FM Frequency

Press ◀ button to decrease 0.05 MHz (Europe).
Note: For US version, one step is 0.2MHz.

FM **STEREO**	FM **STEREO**
90.10MHz	90.05MHz
87.5 ▭▭▭▭▭ 108	87.5 ▭▭▭▭▭ 108
1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7 8 9 10
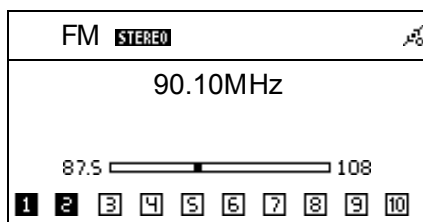
Press ◀ to adjust frequency
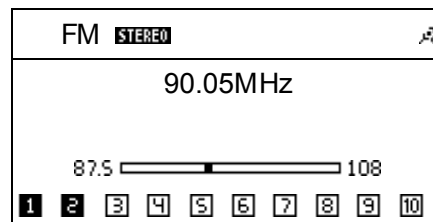
decrease 0.05MHz per step (Europe)
Note: For US version, one step is 0.2MHz.

45

Press ▸ button to add 0.05MHz (Europe).

Note: For US version, one step is 0.2MHz.

```
┌──────────────────────────────────┐
│ FM  STEREO                    ⚡  │
│            90.10MHz               │
│                                  │
│   87.5 ▭▭▭▭▬▭▭▭ 108             │
│  ①②③④⑤⑥⑦⑧⑨⑩            │
└──────────────────────────────────┘
```

Press ▸ to adjust frequency

```
┌──────────────────────────────────┐
│ FM  STEREO                    ⚡  │
│            90.15MHz               │
│                                  │
│   87.5 ▭▭▭▬▭▭▭▭ 108             │
│  ①②③④⑤⑥⑦⑧⑨⑩            │
└──────────────────────────────────┘
```
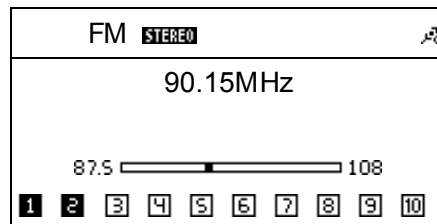
Increase 0.05 MHz per step (Europe)

Note: For US version, one step is 0.2MHz.

Auto Search mode will be activated when holding ▸ button for 3 seconds and releasing ▸ button (from 87.5MHz to 108MHz increasingly.) Holding ◂ button for 3 seconds and releasing ◂ button will auto search frequency (from 108MHz to 87.5MHz decreasingly.)

8.3 Prescanning All Active FM Radio Stations

1. Go to [FM], press and hold SELECT/OK until "Pre-Scan" shows on the screen.

```
┌──────────────────────────────────┐
│ FM  STEREO                    ⚡  │
│            90.10MHz               │
│            Pre-Scan               │
│   87.5 ▭▭▭▬▭▭▭▭ 108             │
│  ①②③④⑤⑥⑦⑧⑨⑩            │
└──────────────────────────────────┘
```

#

```
┌──────────────────────────────────┐
│ FM  STEREO                    ⚡  │
│            87.50MHz               │
│          Pre-Scanning …           │
│   87.5 ▭▬▭▭▭▭▭▭ 108             │
│  ①②③④⑤⑥⑦⑧⑨⑩            │
└──────────────────────────────────┘
```
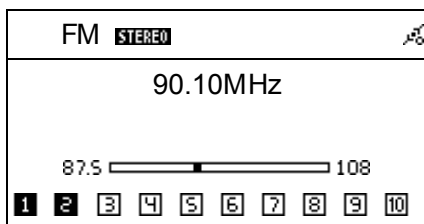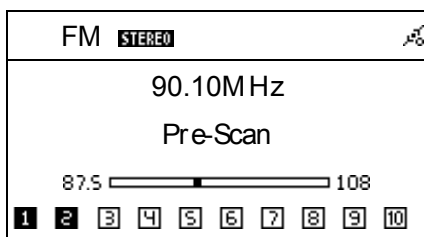
Press and hold SELECT/OK until "Pre-Scan" shows on the screen
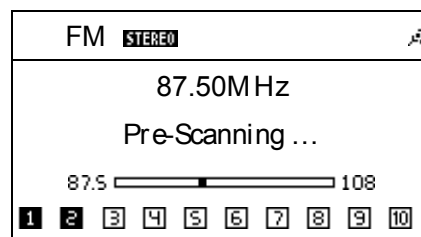
Release SELECT/OK button to start scanning all active radio stations from 87.5MHz.

2. Release SELECT/OK button and start scanning all active radio stations.

```
┌──────────────────────────────────┐
│ FM  STEREO                    ⚡  │
│            89.30MHz               │
│          Pre-Scanning …           │
│   87.5 ▭▭▭▬▭▭▭▭ 108             │
│  ①②③④⑤⑥⑦⑧⑨⑩            │
└──────────────────────────────────┘
```

#

```
┌──────────────────────────────────┐
│ FM  STEREO                    ⚡  │
│            92.10MHz               │
│          Pre-Scanning …           │
│   87.5 ▭▭▭▭▬▭▭▭ 108             │
│  ①②③④⑤⑥⑦⑧⑨⑩            │
└──────────────────────────────────┘
```
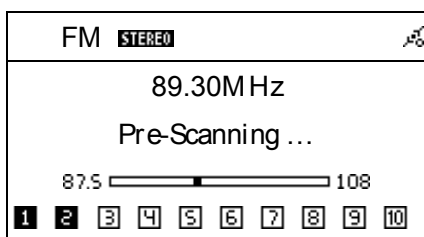
Finding an available radio station

Finding an available radio station

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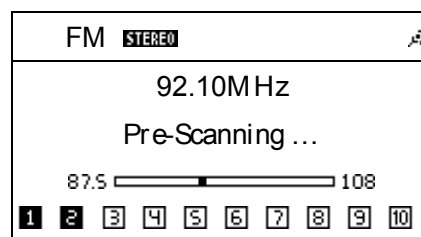
3. Press **PLAY** to listen to the radio stations that have been found by pre-scanning
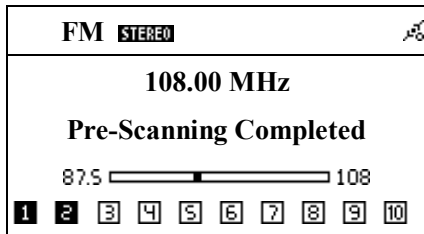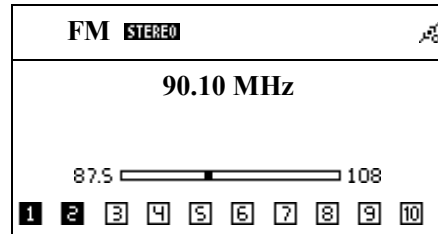
FM STEREO	FM STEREO
108.00 MHz	**90.10 MHz**
Pre-Scanning Completed	
87.5 ▭▭▭▭▭▭ 108	87.5 ▭▭▭▭▭▭ 108
1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7 8 9 10
Prescanning completed	Press **PLAY** to listen

4. You can also execute Pre-Scanning by pressing **Prescan** button on your remote control.
5. Please see 8.4 Presetting a Favorite Station to add your favorite radio stations.

8.4 Presetting a Favorite Station

1. The system supports 10 preset channels. Press **MEMORY** button to preset the listening station. **CH1** icon will flash on the screen.
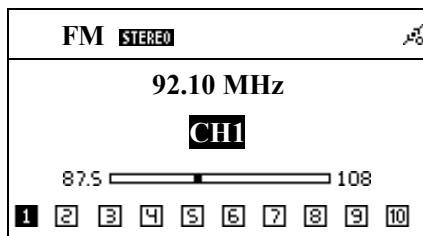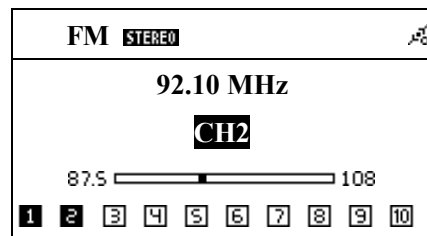
FM STEREO	FM STEREO
92.10 MHz	**92.10 MHz**
CH1	**CH2**
87.5 ▭▭▭▭▭▭ 108	87.5 ▭▭▭▭▭▭ 108
1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7 8 9 10
CH1 icon will flash on the screen.	Press ◀ or ▶ to find a channel, and press **SELECT/OK** button to store

2. Press ◀ or ▶ button to switch the channel number, then press **SELECT/OK** to confirm it.
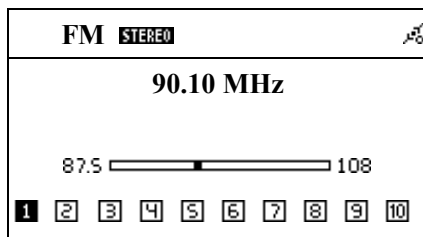
FM STEREO	FM STEREO
90.10 MHz	**92.10 MHz**
	Preset
87.5 ▭▭▭▭▭▭ 108	87.5 ▭▭▭▭▭▭ 108
1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7 8 9 10
Press ◀ or ▶ to find a frequency you want to store	Press **SELECT/OK** button and then "Preset" will show up
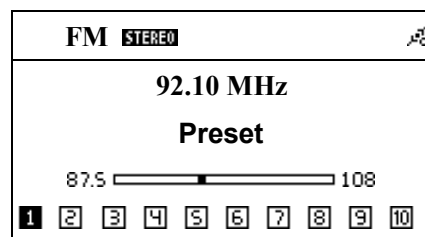
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3. Pressing number [1] button for 3 seconds on your remote control will add a radio station into preset station channel **1** (pressing number [0] button for 3 seconds will add a station into preset channel **10**).

8.5 Listening to a Preset Station

• Press **UP/DOWN** to select a channel
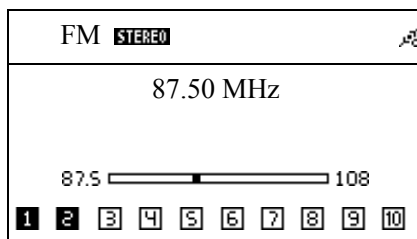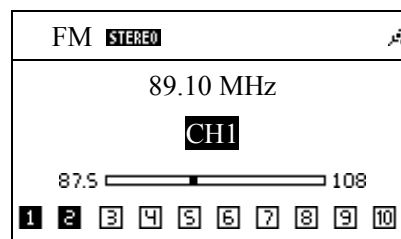
FM STEREO	FM STEREO
87.50 MHz	89.10 MHz
	CH1
87.5 ▭▭▭▭▭108	87.5 ▭▭▭▭▭108
1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7 8 9 10
Radio Playing	Press **Up/Down** to call

• Under FM mode, pressing number key [1]-[0] on your remote control will play the stations in your preset channel 1-10.

FM STEREO

MHz

CH3

87.5 ▭▭▭▭▭108

1 2 3 4 5 6 7 8 9 10
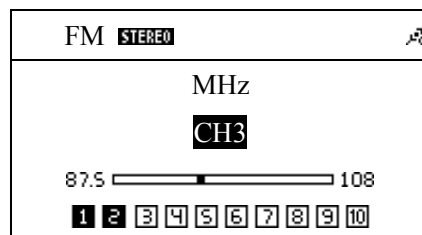
You haven't preset a frequency for this channel yet

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🎵🖥 <u>Chapter 9 Media Server</u>

<u>9.1 Supported Media Server</u>

- WMP11(Windows Media Player 11) (Windows XP SP2 / Vista Premium 32 Bits)
- Rhapsody URL：<u>http://www.rhapsody.com/welcome.html</u>
- TwonkyMedia URL：<u>http://www.twonkyvision.com/</u>
- MediaTumb (Linux Platform) URL：<u>http://mediatomb.cc/</u>

NOTE: To make TwonkyMedia works properly, ID3v2 must be edited.

<u>9.2 Setting Upnp Environment</u>

NOTE:
- Before you use your PC as a media server, make sure your PC (or the media server you try to connect) has WMP11 (Windows Media Player 11) installed. Each media server has to have its WMP11 installed.
- Usually, the default of your PC firewall is to block unnecessary connections. Make sure Upnp function is enabled on your PC (media server.)
- Disable Proxy function in your system.

<u>9.2.1 UPnP Networked Environment Diagram</u>
- Please connect this system and UPnP Media Server on the same local LAN, and make sure the network setting is correct.
- The UPnP networked environment diagram is as follows.

or

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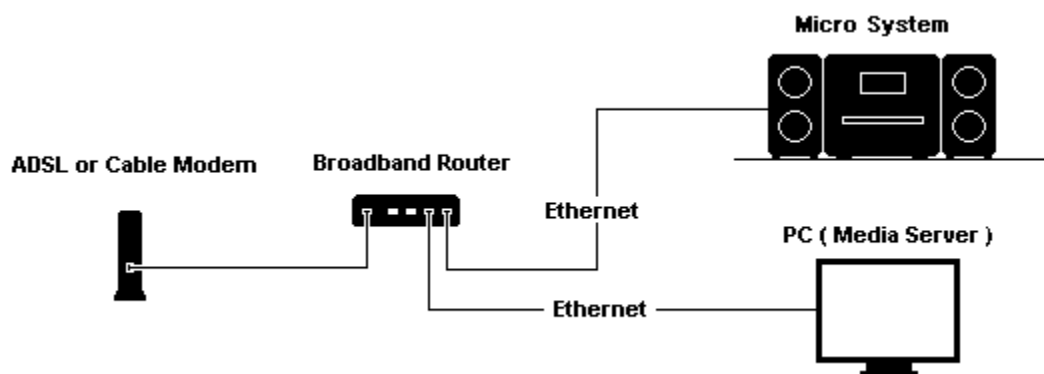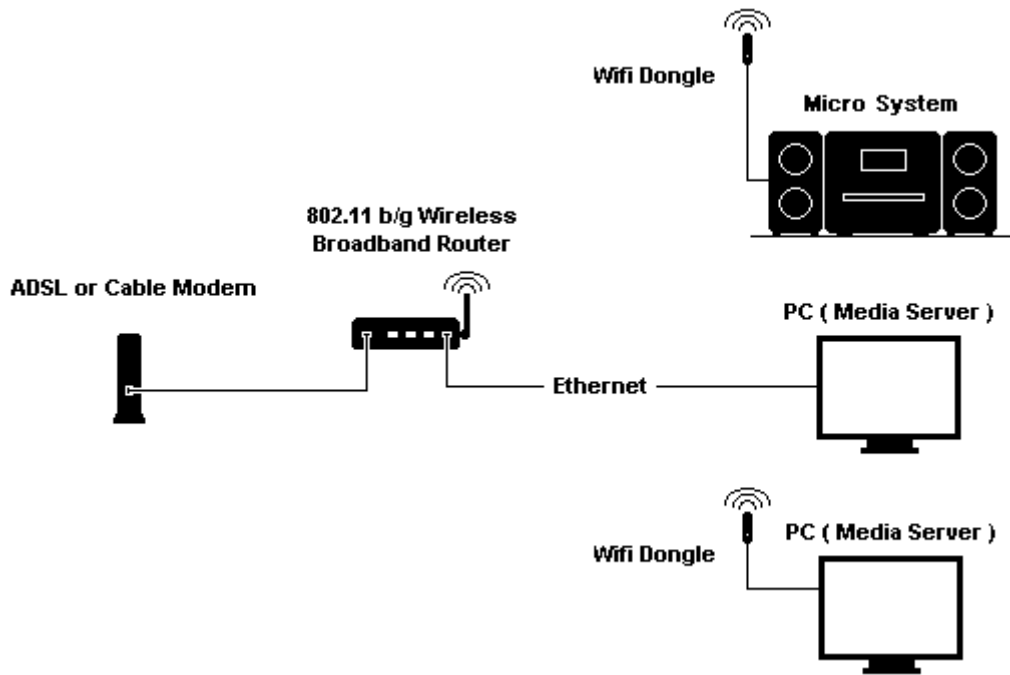
9.3 Playing Songs on UPnP Media Server

1. Select 🎵 icon from the main menu and then press **SELECT/OK** button to enter Media Server function.

2. Enter [**Browse**] to select one or all available media servers.

Main	🎵
Browse	**>**

Servers	🎵
Windows Media Connect (Penbex	
Intel AV Media Server (Lianban	
MediaTomb	
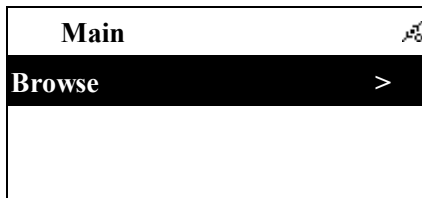
Press **SELECT/OK** to browse a media server   Select one server, then press **SELECT/OK**
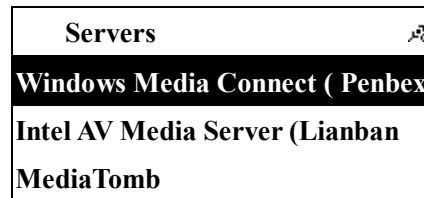
3. Scroll up/down to [**All songs**], [**Artists**], [**Albums**], [**Genres**] or other items, then press **SELECT/OK** button to enter.

4. Scroll up/down to a song or folder, then press **PLAY** button to play.

UPNP	🎵
🗀 **All Image Items**	**>**
🗀 **All Audio Items**	**>**
🗀 **All Video Items**	**>**
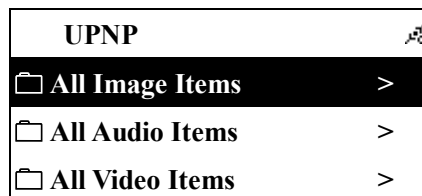
Select a song or folder, then press **PLAY** to play.

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Chapter 10 File Manager

NOTE:

- When Copying files to a USB Device or SD/MMC Card, The file name could be moved.

- Copying procedure follows one by one order.

- MP3 is the only Copy available. CD format cannot be copied or moved.

10.1 Copy/Move Files to an USB Device or SD/MMC Card

1. Insert a CD-ROM, USB device or SD/MMC card.

2. Select ▓ icon from the main menu, then press **SELECT/OK** button to enter File Manager function.

3. Scroll up/down to [**CD**], [**USB**] or [**SD/MMC**], then press **SELECT/OK** button to enter.

FileMgr	🖿 Ψ, ⊘ ⚐
CD	>
USB	**>**
SD/MMC	**>**
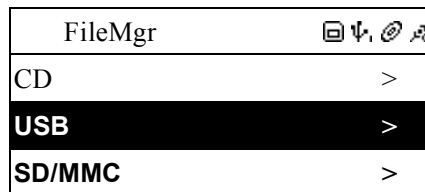
Select [**USB**], then press **SELECT/OK**

4. Scroll up/down to a file or folder, then press **MEMORY** button to make a check mark ✔

⊞ FileMgr	🖿 Ψ, ⊘ ⚐
All	
▭ **Recording**	✔
▤ **Readme.txt**	✔
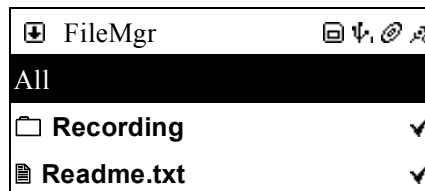
Select a file or folder, then press **MEMORY**

5. Press **REC** button to select [**Copy**] or [**Move**], then press **SELECT/OK** button. ▓ icon will show on the screen.

⊞ FileMgr	🖿 Ψ, ⊘ ⚐
All	**Copy**
▭ **Recording**	**Move**
▤ **Readme.txt**	**Del**
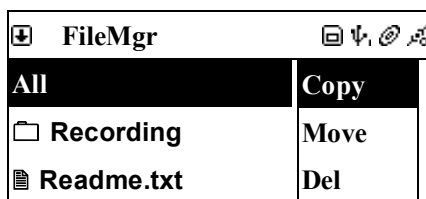
Press **REC**, then select a function.

⊞ FileMgr	▓ ⚐
CD	>
USB	**>**
SD/MMC	**>**
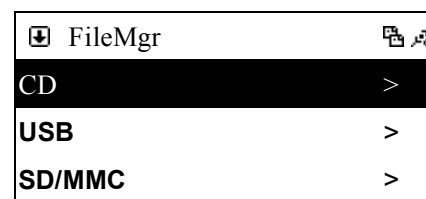
▓ icon will show on the screen.

6. Select a target directory.

```
┌─────────────────────────────────┐
│  FileMgr              ⧉ ⚡       │
├─────────────────────────────────┤
│ CD                            >  │
│ USB                           >  │
│ ▐ SD/MMC                      > ▌│
└─────────────────────────────────┘
```
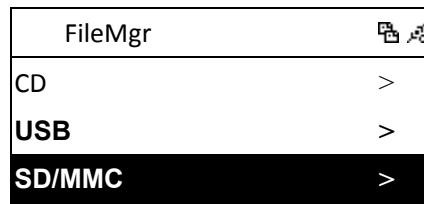
Select a target directory.

7. Press **REC** button to select [**Paste**], then press **SELECT/OK** button to paste.

```
┌─────────────────────────────────┐
│  FileMgr              ⧉ ⚡       │
├──────────────────┬──────────────┤
│                  │ ▐ Paste    ▌ │
│       No  files  │ Cancel       │
│                  │              │
└──────────────────┴──────────────┘
```

Press **REC** again to paste.

```
┌─────────────────────────────────┐     ┌─────────────────────────────────┐
│  FileMgr              ⧉ ⚡       │     │  FileMgr              ⧉ ⚡       │
├─────────────────────────────────┤     ├─────────────────────────────────┤
│ USB To SD：1/1                  │     │ USB To SD：1/1                  │
│       Copying 25%               │     │       Successful !              │
│                  ▐ Cancel ▌     │     │                  ▐ OK ▌         │
└─────────────────────────────────┘     └─────────────────────────────────┘
```
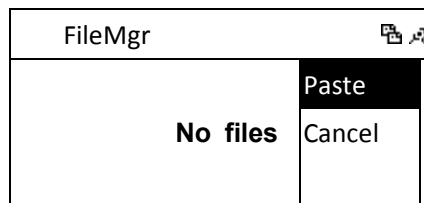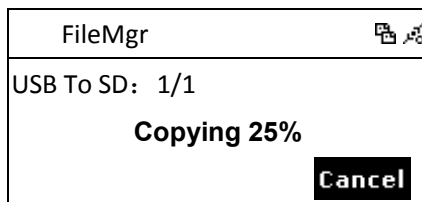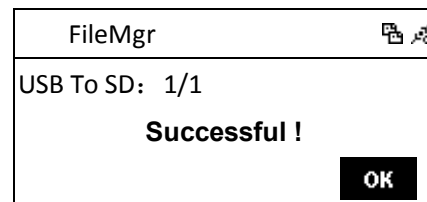
Copying files   It is successful to finish copying.

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⬇ Chapter 11 AUX

11.1 AUX Mode

1. Select ⬇ icon from the main menu, press **SELECT/OK** button to enter.
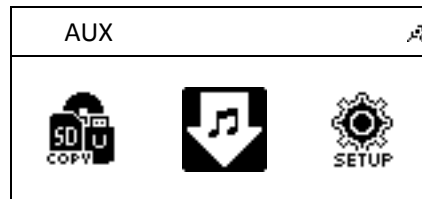
Select [**AUX**] and press **SELECT/OK**

2. AUX will appear on the screen. Plug in audio source and start playing.

Enter AUX Mode

3. In AUX mode, Volume and Equalizer are adjustable.
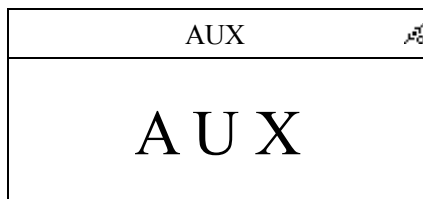
In AUX mode, volume and P-EQ are

adjustable

Adjusting EQ

11.2 Recording in AUX Mode

The system can accept different audio sources (such as MP3 Player, Discman, or Bluetooth audio receiver) and play those sources by connecting with a 3.5mm audio input cable.

1. Select ⬇ icon from the main menu, press **SELECT/OK** button to enter.

53

```
┌─────────────────────────────────┐
│  AUX                    ▣ ⚡     │
├─────────────────────────────────┤
│                                 │
│        A U X                    │
│                                 │
└─────────────────────────────────┘
```
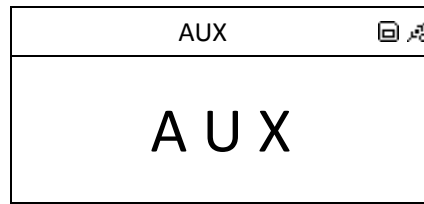
Enter AUX mode

2. AUX will appear on the screen. Plug in audio source and start playing.

3. Press **REC** to start recording.

```
┌─────────────────────────────────┐
│  AUX                    ▣ ⚡     │
├─────────────────────────────────┤
│        A U X                    │
│                                 │
│     Preparing to Ripn           │
└─────────────────────────────────┘
```

Press **REC** to start recording

4. Press **STOP/ESC** to quit

```
┌──────────────────────────┐      ┌──────────────────────────┐
│ ●    AUX          ▣ ⚡    │      │    AUX            ▣ ⚡    │
├──────────────────────────┤      ├──────────────────────────┤
│                          │      │     A U X                │
│      A U X               │      │                          │
│                          │      │  Saving to SD/MMC ···     │
└──────────────────────────┘      └──────────────────────────┘
```
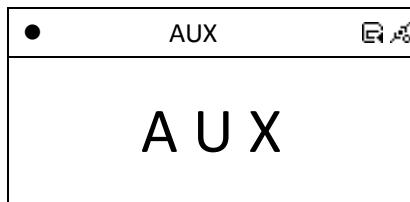
The recording quality depends on the

quality of your audio source.
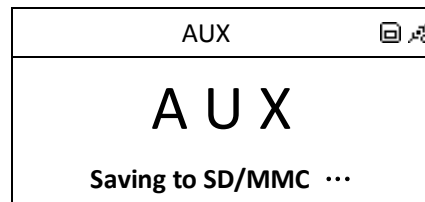
Press **ESC** to stop recording

⚙ **Chapter 12 Setup**

12.1 Date & Time

- Support NTP (network time protocol), and auto-sync time via internet at 12:00 am/pm everyday and every time when pressing POWER button to turn on or off.(Internet connection required.)
- Support manual date & time settings.
- Support DST& Time Zone settings

The Time Sync function will auto-run when turn on/off and 12:00 am/pm everyday.

12.1.1 Setting the Date

- Press **SETUP** button, then scroll up/down to [**Date & Time**] and press **SELECT/OK** button.
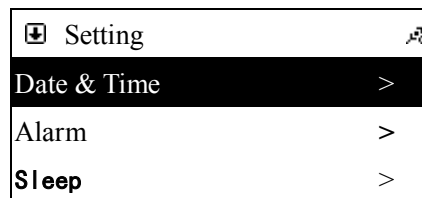
Select [**Date & Time**], and press **SELECT/OK**

- The default [**TimeSync**] is On.
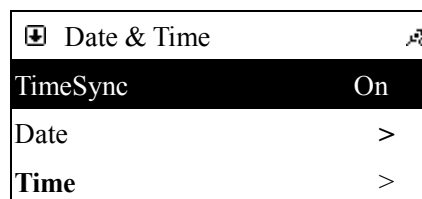
The default TimeSync is On

- To change the year, month, and day, scroll up/down and press **SELECT/OK** button to confirm.

<div align="center">55</div>

▣ Date & Time 🔋	Date 🔋
TimeSync Yes	▲
Date >	**23 Oct 2007**
Time >	▼

Scroll to [**Date**] and press **SELECT/OK** · Scroll Up /Down to adjust the day, month

and year

• When finished, press **STOP/ESC** or **SELECT/OK** button to save and exit.

▣ Date & Time 🔋
TimeSync   Yes
Date   >
Time   >

After finishing, the changes will be saved

12.1.2 Setting the Time

• Press **SETUP** button, then scroll up/down to [**Date & Time**] and press **SELECT/OK**

button to enter [**Time**] submenu.

▣ Setting 🔋
Date & Time   >
Alarm   >
Sleep   >

Select [**Date & Time**], and press **SELECT/OK**

• The default [**TimeSync**] is On.

▣ Date & Time 🔋
TimeSync   On
Date   >
Time   >

The default TimeSync is On

• To change the hours and minutes, scroll up/down and press **SELECT/OK** button to

confirm.

▣ Date & Time 🔋	Date 🔋
TimeSync Yes	▲
Date >	**13 : 41 : 23**
Time >	▼

Scroll to [**Time**] and press SELECT/OK · Scroll Up /Down to adjust the hours and

minutes

56

• When finished, press **STOP/ESC** or **SELECT/OK** button to exit and save.

🗓 Date & Time	🛰
TimeSync	Yes
Date	>
Time	**>**

After finishing, the changes will be saved

12.1.3 Setting the Time formation

• Press **SETUP** button, then scroll up/down to [**Date & Time**] and press **SELECT/OK**
   button to enter [**Time Format**] submenu.

• Press **SELECT/OK** button to choose to 12-hour or 24-hour.

• After finish setting, then press **STOP/ESC** button to exit and save.

Setting	🛰
Date & Time	>
Alarm	>
Play Mode	Normal

Select [**Date & Time**], and press **SELECT/OK**

→

Date & Time	🛰
Date	>
Time	>
Time Format	**24**

Choose [**Time Format**] to change

🗓 Date & Time	🛰
Date	>
Time	>
Time Format	12

Press **SELECT/OK** to confirm

12.2 Alarm

• Support two alarm clock settings.

• Support Daily alarm clock

• Support different alarm clock sound(Beep/ i.Radio / USB / SD/MMC / FM).

11.2.1 Setting the Alarm

1. Press **SETUP** button, then scroll up/down to [**Alarm**] and press **SELECT/OK** button
    to enter

2. Press [**Use Alarm 1**] submenu and press **SELECT/OK** button to activate the alarm.

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The default [**Use Alarm 1**] is On.

⊞ Alarm	🎵
Use Alarm 1	**On**
Set Alarm 1	>
Use Alarm 2	off

The default [Use Alarm 1] is On.

3. Scroll to [**Set Alarm 1**] to set the alarm clock.

⊟ Alarm	🎵
Use Alarm 1	YES
Set Alarm 1	**>**
Use Alarm 2	No

Scroll to [Set Alarm 1] to set the alarm clock

4. Press **SELECT/OK** button to confirm.

Alarm 1	🎵
▲	
14 : 54 : 00	
▼	

Scroll **Up / Down** to adjust the hours and

minutes

2007-May-03 Thu..	
PM **3 : 18** ₁₅	
🕐 **PM 6:00**	🕐 **off**

After finishing, the changes will be saved

2007-May-03 Thu..	
☼ PM **3 : 18** ₁₅	
🕐 **PM 6:00**	🕐 **off**

☼ will show if DST (Day Saving Time) is

chosen

Note：The unit can activate/disarm alarms by pressing Alarm 1/Alarm 2 button when the

system in Standby mode.

12.2.2 Setting the Alarm Sound

1. Press **SETUP** and scroll up/down to [**Alarm**] and press **SELECT/OK**.

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2. Scroll down to [**Alarm Source**] and then press **SELECT/OK** button to enter.

3. Press UP/DOWN button to determine an alarm sound, and then press **SELECT/OK** button to confirm.

⬇ Alarm Source
Beep
CD
Internet Radio
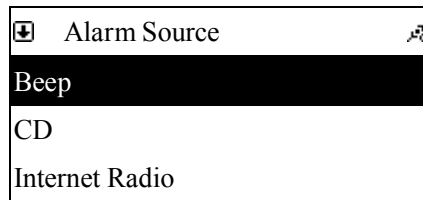
press **SELECT/OK** button to confirm

4. In some circumstances the Internet Radio screen will flash to inform you when the alarm time is up.

NOTE：

- ˙If the alarm sound is unset, "Beep" will be the default alarm sound.
- ˙The alarm goes off with the source in the standby mode when time is up.
- ˙The default alarm source of i.Radio is the first radio station under the FAVORITE file.

12.2.3 Disarming the Alarm

• When alarm time is up in the "Stand-By Alarm" Mode, the screen will be highlighted and the alarm source will be played.

2007-May-03 Wed.
PM **3 : 18** 15
🕐 **PM 3:20**　　🕐 **off**

STANDBY Mode

→
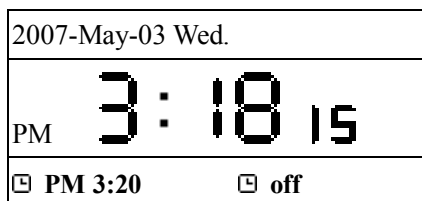
Alarm
PM **3 : 20** 00
🕐 **PM 3:20**　　🕐 **off**
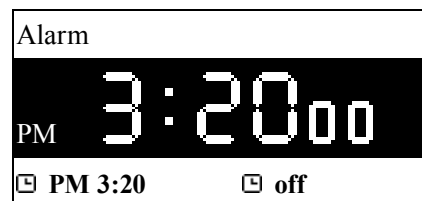
When alarm time is up, the screen will be

highlighted

• Press **Stand By** , or **STOP/ESC** , or **Alarm** to disarm alarm.

Alarm
PM **3 : 20** 05
🕐 **PM 3:20**　　🕐 **off**

When alarm time is up, the screen will be

highlighted

2007-May-03 Thu..
PM **3 : 20** 05
🕐 **PM 3:20**　　🕐 **off**
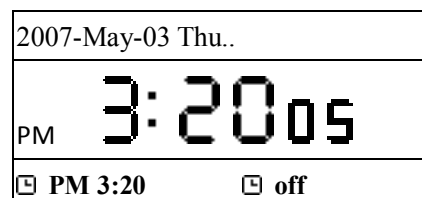
Press **STAND BY** or **STOP/ESC** or **Alarm** to

disarm the alarm

12.3 Sleep

• Sleep is able to be turned ON/OFF.

12.3.1 SLEEP Mode

• Press **SLEEP** button to enter, then switch sleep timer to 5 min, 10 min, 15 min, 20 min, 30 min, 60 min, 90 min or 120 min by pressing **SELECT/OK** button.

⊡ CD	⊘ 🖧

→

Sleep	⊘ 🖧
Sleep	On
Sleep Minutes	10

Press **SLEEP** to enter.

press **SELECT/OK** button to setting sleep minutes
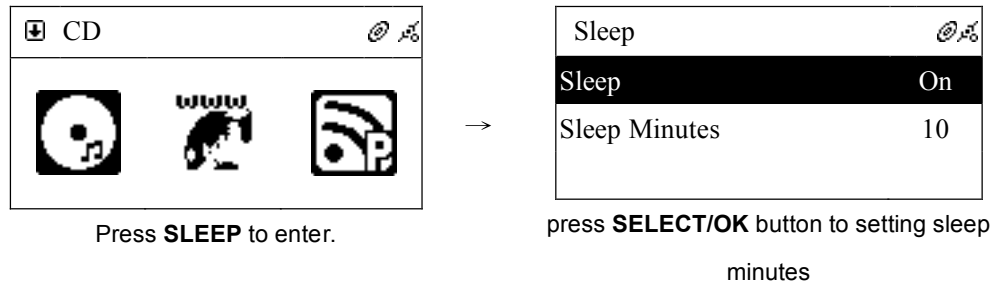
• ᶻz icon will show on the top of the screen when the sleep timer is on.

⊡ CD	⊘ ᶻz

ᶻz icon will show on the screen.
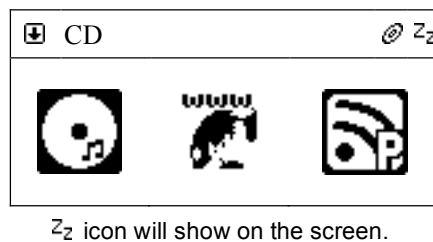
12.4 Network

• Supports LAN(Ethernet) and WLAN (802.11b/g wifi Dongle)
• Supports Wi-Fi Encryption WEP64/128 and WPA-PSK
• Supports Dynamic IP via DHCP (Dynamic Host Configuration Protocol) and static IP. Default setting is Ethernet and DHCP.
• Supports Upnp.
• Auto-detect and auto-run or WLAN (wireless LAN) environment.

12.4.1 Understanding the Networking States on This System

• The network connectivity status icon will show on the top of the screen.

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WLAN Status
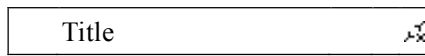
| Title | ⚹ | → | ● It has failed to detect the Ethernet cable. |

| Title | | → | ● It has successfully detected the Ethernet cable.
● It has failed to get available DHCP information. |

| Title | | → | ● It has successfully detected the Ethernet cable.
● It has successfully gotten available DHCP information |
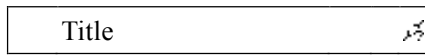
WLAN Status

| Title | | → | ● It has failed to detect the USB Wi-Fi adapter. |

| Title | | → | ● It has successfully detected the USB Wi-Fi adapter.
● It has successfully gotten available DHCP information.
● DHCP information.ter.en mode. |

| Title | | → | ● It has successfully detected the USB Wi-Fi adapter.
● It has failed to get available DHCP information. |

| Title | | → | ● It has successfully detected the USB Wi-Fi adapter.
● It has successfully gotten available DHCP information. |

WLAN Signal Status

| Title | | → | ● Signal strength received from AP is under 20% |

| Title | | → | ● Signal strength received from AP is between
   20% - 59%. |

| Title | | → | ● Signal strength received from AP is between
   60% - 79%. |

| Title | | → | ● Signal strength received from AP is above 80%. |

NOTE：Signal strength above 70% is considered a good signal source.

12.4.2 Setting the Wi-Fi Connectivity

1. Insert a Wi-Fi USB adapter into the USB connector. (The Wi-Fi USB adapter is optional)

2. Press SETUP button, then scroll up/down to [Network] and press SELECT/OK button.

3. Select [Connect] and switch [LAN] to [WLAN].

▣ Network	⚷
Connect	LAN
IP Setting	>
Use Proxy	No
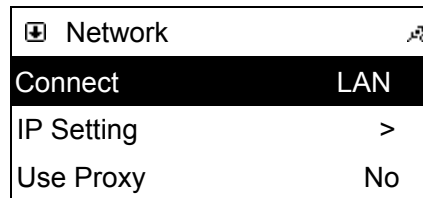
Select [Connect] and switch [LAN] to [WLAN].

4. Press STOP/ESC button to quit Wizard.

5. Scroll up/down to [Wireless] and then press SELECT/OK button to enter.

▣ Network	⚷
Wizard	>
IP Setting	>
Wireless	>
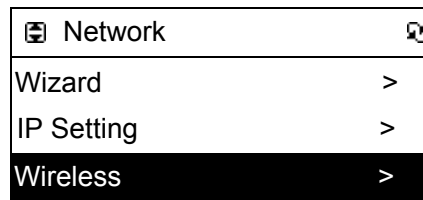
[Wireless] item will appear on the screen.

6. Scroll up/down to [Site Survey], [Connect Mode], [SSID] or [Encryption], then press SELECT/OK button to enter.

7. Press UP/DOWN and SELECT/OK button to set each necessary item.

62

```
┌─────────────────────────────────┐
│ ⊞  Wireless                  ⌗  │
├─────────────────────────────────┤
│ SSID                         >  │
├─────────────────────────────────┤
│ Encryption                   >  │
├─────────────────────────────────┤
│ Site Survey                  >  │
└─────────────────────────────────┘
```

Set each necessary Wi-Fi setting item.

8. ⌗ icon will show on the top of the screen when the wireless setting is successful.

```
┌─────────────────────────────────┐
│ ⊞   Wireless                 ⌗  │
├─────────────────────────────────┤
│ SSID                         >  │
├─────────────────────────────────┤
│ Encryption                   >  │
├─────────────────────────────────┤
│ Site Survey                  >  │
└─────────────────────────────────┘
```

⌗ will show when the setting is successful.

12.4.3 Setting the Wi-Fi Connectivity by Wi-Fi Wizard

1. Insert a Wi-Fi USB adapter into the USB connector on the back of your system.

2. Press SETUP button, then scroll up/down to [Network] and press SELECT/OK button.

3. Select [Conn ect] and switch [LAN] to [WLAN].

```
┌─────────────────────────────────┐
│ ⊞  Network                   ⌗  │
├─────────────────────────────────┤
│ Connect                    LAN  │
├─────────────────────────────────┤
│ IP Setting                   >  │
├─────────────────────────────────┤
│ Use Proxy                   No  │
└─────────────────────────────────┘
```

Select [Conn ect] and switch [LAN] to [WLAN].

4. Select [Wizard] and then press SELECT/OK button to enter.

```
┌─────────────────────────────────┐
│ ⊞   Network                  ⌗  │
├─────────────────────────────────┤
│ Connect(any~)             WLAN  │
├─────────────────────────────────┤
│ Wizard                       >  │
├─────────────────────────────────┤
│ IP Setting                   >  │
└─────────────────────────────────┘
```

Select [Wizard] and press SELECT/OK button

5. Scroll up/down to an Access Point and then press SELECT/OK button.

63

```
┌─────────────────────────────────┐
│ ⊞  Wizard                   ⚡  │
├─────────────────────────────────┤
│ ap01              61%     🔒    │
├─────────────────────────────────┤
│ D-LINK            85%     🔒    │
├─────────────────────────────────┤
│ default           21%           │
└─────────────────────────────────┘
```

Enter [**Wizard**], then all available AP and its signal strength

will be shown on the screen.

6. If the Access Point is protected with an encryption key, press **SELECT/OK** button,
    then press **UP/DOWN/LEFT/RIGHT** button to input the key to access the Access
    Point.

```
┌─────────────────────────────────┐
│        Wizard               ⚡  │
├─────────────────────────────────┤
│ >█                              │
│                                 │
│                                 │
│                                 │
└─────────────────────────────────┘
```

Use **UP/DOWN** (or number key) to input an

encryption key to access the AP if necessary.

After keying in the encryption key, press

SELECT/OK and press **STOP/ESC** to

delete a character.

7. ⚡icon will show on the topside of the screen when the wireless setting is
    successful.

```
┌─────────────────────────────────┐
│  Wizard                     ⚡  │
├─────────────────────────────────┤
│                                 │
│         ✎ ··)) ▯                │
│                                 │
└─────────────────────────────────┘
```
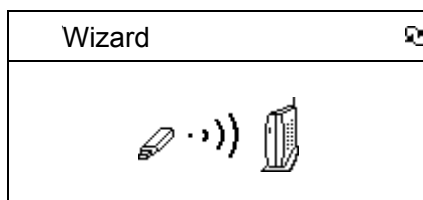
Proofing the encryption key…

```
┌─────────────────────────────────┐
│ ⊞  Network                  ⚡  │
├─────────────────────────────────┤
│ Connect(ap01)          WLAN     │
├─────────────────────────────────┤
│ IP Setting                >     │
├─────────────────────────────────┤
│ Wireless                  >     │
└─────────────────────────────────┘
```

⚡ will show when the setting is successful.

12.4.4 Inputting Static IP

1. Press **SETUP** button, then scroll up/down to [Network] and press **SELECT/OK**
    button.

2. Scroll up/down to [**IP Setting**] and then press **SELECT/OK** button to enter.

```
┌─────────────────────────────────┐
│ ⊞  Network                  ⚡  │
├─────────────────────────────────┤
│ Connect                 LAN     │
├─────────────────────────────────┤
│ IP Setting                >     │
├─────────────────────────────────┤
│ Use Proxy                 No    │
└─────────────────────────────────┘
```

Select [IP Setting], then press **SELECT/OK**

64

3. Select [**IP Source**] and press **SELECT/OK** button to switch [**Dynamic**] to [**Static**].

```
┌─────────────────────────────────────┐
│  IP Setting                      ⚹  │
├─────────────────────────────────────┤
│ IP Source      Dynamic              │
│                                     │
│                                     │
│                                     │
└─────────────────────────────────────┘
```

Press **SELECT/OK** to switch [IP Source] to [Static]

4. Scroll up/down to [**TCP/IP**] and then press **SELECT/OK** button to start editing.

```
┌─────────────────────────────────────┐
│ ▣  IP Setting                    ⚹  │
├─────────────────────────────────────┤
│ IP Source              Static       │
│ TCP/IP                      >       │
│ DNS                         >       │
└─────────────────────────────────────┘
```

Select [TCP/IP], then press **SELECT/OK**

5. Press **UP/DOWN** button to change characters, then press **LEFT/RIGHT** button to shift.

```
┌─────────────────────────────────────┐
│ ▣   TCP/IP                       ⚹  │
├─────────────────────────────────────┤
│ IP      192.169.001.100             │
│ Mask  255.255.255.000               │
│ GW      192.169.001.254             │
└─────────────────────────────────────┘
```

Press **UP/DOWN** (or number key) then **LEFT/RIGHT** to input IP.

6. After finishing, press **REC** button to confirm.

NOTE : When IP setting value (including IP, Subnet Mask, or Gateway) is illegal, IP setting will change to default value.

```
┌─────────────────────────────────────┐
│ ▣  TCP/IP                        ⚹  │
├─────────────────────────────────────┤
│        The IP Setting Value is      │
│          illegal ! Setting is       │
│        Changed to Default !         │
└─────────────────────────────────────┘
```

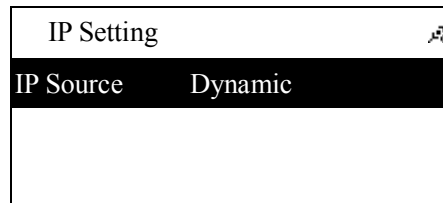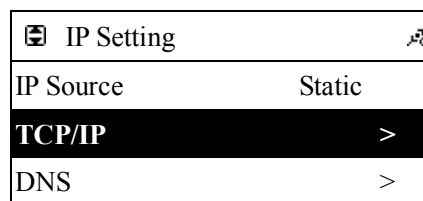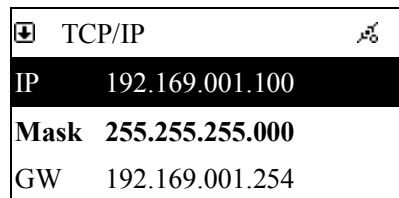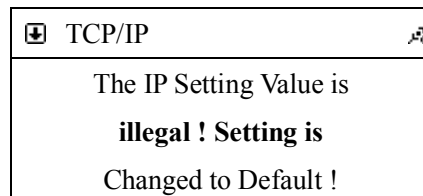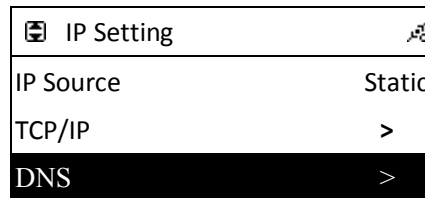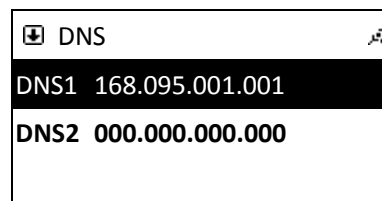### 12.4.5 Inputting DNS

1. Press **SETUP** button, then scroll up/down to [**Network**] and press **SELECT/OK** button.

2. Select [**DNS**] and then press **SELECT/OK** button.

```
┌─────────────────────────────┐
│ 🖬  IP Setting            ⚡ │
│ IP Source            Static │
│ TCP/IP                   >  │
│ DNS                      >  │
└─────────────────────────────┘
```
Select [**DNS**] and press **SELECT/OK** button

3. Press **UP/DOWN** button to change characters, then press **LEFT/RIGHT** button to shift.

```
┌─────────────────────────────┐
│ ⬇  DNS                   ⚡ │
│ DNS1  168.095.001.001       │
│ DNS2  000.000.000.000       │
│                             │
└─────────────────────────────┘
```
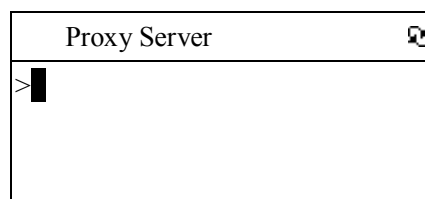Press **UP/DOWN** (or number key) then **LEFT/RIGHT** to input IP

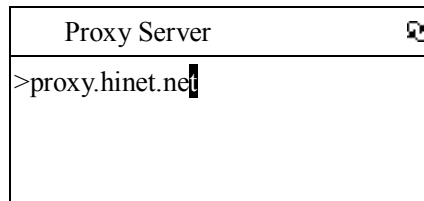4. After finishing, press **SELECT/OK** button to confirm.

12.4.6 Inputting Proxy

1. Press **SETUP** button, then scroll up/down to [**Network**] and press **SELECT/OK** button.

2. Scroll up/down to [**Use Proxy**] and then press **SELECT/OK** button to switch to [**Yes**].

3. Scroll up/down to [**Proxy Server**] and then press **SELECT/OK** button to input domain name or IP address.
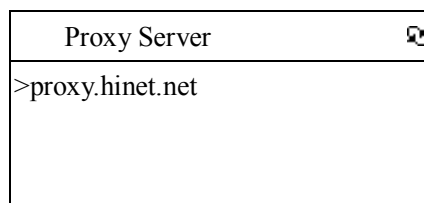
```
┌─────────────────────────────┐
│    Proxy Server          ▣ │
│ >▮                          │
│                             │
│                             │
└─────────────────────────────┘
```
Ready to Editing

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4. Press **SELECT/OK** button, then press UP/DOWN button to change characters, press LEFT/RIGHT button to shift.

```
┌─────────────────────────────────┐
│  Proxy Server              ⌧     │
├─────────────────────────────────┤
│ >proxy.hinet.net                │
│                                 │
│                                 │
│                                 │
└─────────────────────────────────┘
```

Press **UP/DOWN** (or number key) then **LEFT/RIGHT** to input characters.

5. After finishing, press **SELECT/OK** button to confirm.

```
┌─────────────────────────────────┐
│  Proxy Server              ⌧     │
├─────────────────────────────────┤
│ >proxy.hinet.net                │
│                                 │
│                                 │
│                                 │
└─────────────────────────────────┘
```

Press **SELECT/OK** to confirm

6. Scroll up/down to [**Proxy Port**] and then press **SELECT/OK** button to input port number.
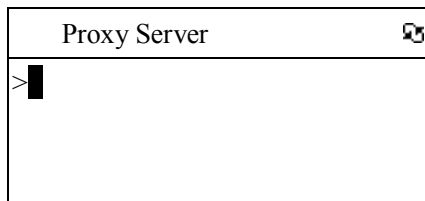
7. Repeat the step 4~5.

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Table: Input Method

Key	Description
OK / Select	End editing
STOP/ESC	Delete a character
Up	Change character 0-9, a-z ,A-Z, symbol
DOWN	Change character 0-9, a-z ,A-Z, symbol
LEFT	Shift to left
RIGHT	Shift to right

• Select [**Proxy Port**] to input a proxy server port

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Table：Input Method

Key	Description
OK / SELECT	End editing
STOP/ESC	Delete a character
UP	Change character 0-9
DOWN	Change character 0-9
LEFT	Shift to left
RIGHT	Shift to right
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
0	0
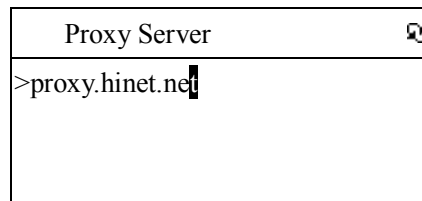
```
┌─────────────────────────────┐
│  Proxy Server           ▣   │
├─────────────────────────────┤
│ >█                          │
│                             │
│                             │
│                             │
└─────────────────────────────┘
```
Ready to Editing

→

```
┌─────────────────────────────┐
│  Proxy Server           ▣   │
├─────────────────────────────┤
│ >proxy.hinet.ne█            │
│                             │
│                             │
│                             │
└─────────────────────────────┘
```
Press UP/DOWN (or number key) then

LEFT/RIGHT to input characters.

```
┌─────────────────────────────┐
│  Proxy Server           ▣   │
├─────────────────────────────┤
│ >proxy.hinet.net            │
│                             │
│                             │
│                             │
└─────────────────────────────┘
```
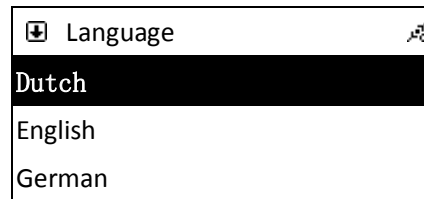Press **SELECT/OK** to confirm

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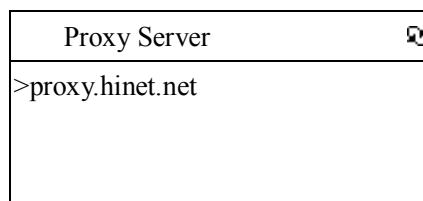
12.6 Language

• Support 11 languages – English、German、Spanish、Portuguese、French、Italian、Swedish、Finland、Dutch、Danish and Norwegian. The default language of this system is English.

⊞ Setting   ⚗
Language   **>**
Information   >
Reset all Settings   >

⊞ Language   ⚗
Dutch
English
German
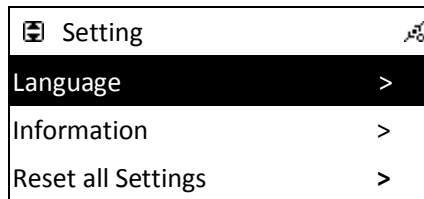
Select **SETUP** and then choose Language   Select language and press **SELECT/OK** button

12.7 Information

● Display the firmware version and network information.

Example：

Version
OS：xxxxxxxx
F/W：xxxxxxxx . xxxx
uP：XxXX

Network
IP Source：DHCP
MAC：xxxxxxxxxxxx
IP：xxx.xxx.xxx.xxx
Mask：xxx.xxx.xxx.xxx
GW：xxx.xxx.xxx.xxx
DNS: xxx.xxx.xxx.xxx

Network Type
SSID：xxx

12.8 Reset All Settings

● Reset all settings to factory default.

> ⚠ **Warning :**
> All settings will be reset to factory default.

12.9 Firmware Upgrade

• Support upgrade by using USB or SD/MMC

• Support online upgrade

12.9.1 Upgrade firmware by using USB / SD/MMC

1. Get an accurate firmware version (please check your model number) from manufacturer. The firmware version file appears as .UPG file.
2. Copy the file [**image.upg**] to the root directory on a USB device or SD/MMC card.
3. Insert the USB device or SD/MMC card into the USB connector or SD/MMC slot.
4. Press **SETUP** button, then scroll up/down to [**Firmware Upgrade**] and press **SELECT/OK** button.

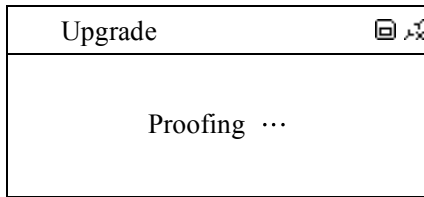| ⊞ Setting	▣ ⚒
Information	>
Reset all Settings	>
Firmware Upgrade	**>**

Select [Firmware Upgrade], then press **SELECT/OK**

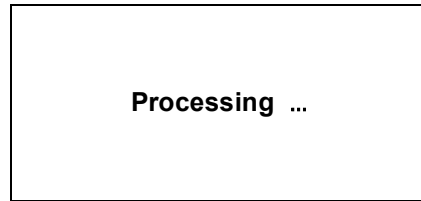5. Scroll up/down to [**Yes**] and then press **SELECT/OK** button to upgrade.

Upgrade	▣ ⚒
No	
Yes	**>**

Select [**Yes**] and press **SELECT/OK** to confirm

6. This system will restart automatically after finishing upgrade.

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Upgrade ▣ ⚡
Proofing ⋯

Proofing the upgrade image file…

Processing …

Upgrading the firmware…

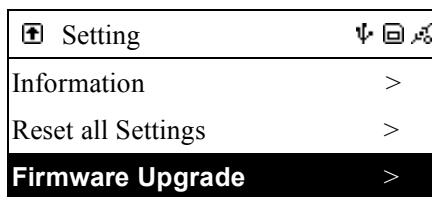| ⬇ CD ▣ ⚡ |
| :---: |
| 🎵💿 www🐁 📡 |

The upgrade is completed.

7. The system must not be switched off or have any function key pressed during the upgrade procedure.

NOTE: Resetting all settings after SMBB is upgraded is strongly recommended.
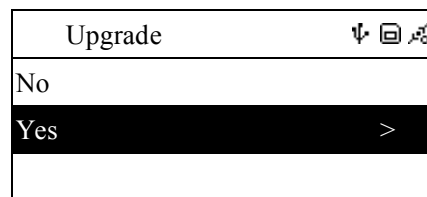
12.9.2 On-line upgrade

1. Make sure the internet environment is ready.
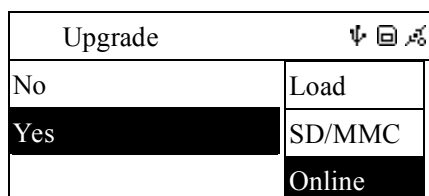2. Press **SETUP** button, then scroll up/down to [**Firmware Upgrade**] and press **SELECT/OK** button.

⊡ Setting Ψ▣⚡
Information >
Reset all Settings >
Firmware Upgrade >

Select [Firmware Upgrade], then press **SELECT/OK**

Upgrade Ψ▣⚡
No
Yes >

Select [Yes] and press **SELECT/OK** to confirm

Upgrade Ψ▣⚡
No Load
Yes SD/MMC
Online

Scroll **Up/Down**, select [Online], and press **SELECT/OK**

Upgrade Ψ▣⚡
Checking Firmware ⋯
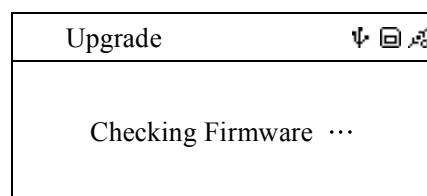
Searching for updated firmware version

Upgrade	⇓ ▣ ⚡
SMBB_20070423_IMAGE_VER_1	
SMBB_20070425_IMAGE_VER_1	
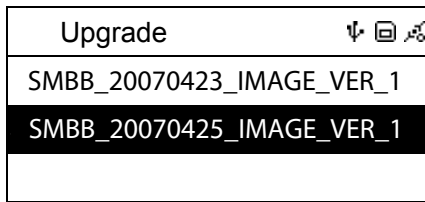
Available version will show on the screen

Upgrade	⇓ ▣ ⚡
Visible: 01.00.00.00	
Upgrade To: 02.00.00.00	
No	Yes

Select [Yes] to confirm

Upgrade	⇓ ▣ ⚡
Downloading ...	
33 % Completed	
>Press Cancel to Exit<	
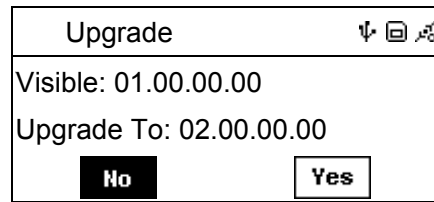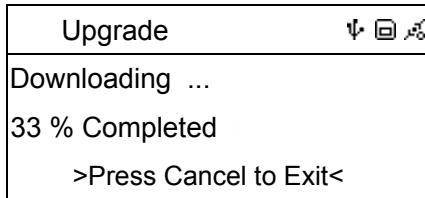
Downloading press ESC/STOP to cancel

download

Processing

Upgrading the firmware…

⬇ CD	▣ ⚡
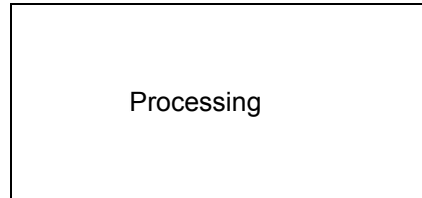
The upgrade is completed.

3. This system will restart automatically after finishing upgrade.

4. The system must not be switched off or have any function key pressed during the upgrade procedure.

NOTE: Resetting all settings after your system is upgraded is strongly recommended.

Chapter 13 Trouble Shooting

13.1 FAQ

13.1.1 Recording

Q1：Why can't I get CD information from the Gracenote Music Recognition Service?

A1： ● Make sure the internet environment is ready.

● Make sure the network setting is available.

● Try to eject the disc and insert the disc again.

● The disc has no CD information in Gracenote Media Database.

● Data CD is not supported in this function.

Q2： **Why can't I record to the USB device?**

A2： ● Make sure the USB device is ready.

● Make sure the USB device has enough free space.

● Make sure the USB device is not in write-protect mode.

Q3： **Why can't I record to the SD/MMC card?**

A3： ● Make sure the SD/MMC card is ready.

● Make sure the SD/MMC card has enough free space.

● Make sure the SD/MMC card is not in write-protect mode.

13.1.2 Internet Radio

Q1： **Why Does the Connection Fail?**

A1： ● Make sure the internet environment is ready.

● Make sure the network setting is available.

● Check if the radio station still exists.

● Check if the Proxy setting is correct.

Q2： **Internet Radio freezes at Login …?**

A2： ● Make sure the internet environment is ready.

● Make sure the network setting is available.

Q3： **Internet Radio freezes Getting Station …?**

A3： ● Make sure the internet environment is ready.

● Make sure the network setting is available.

Q4： **There is a list of available radio stations but I cannot listen?**

A4： ● Make sure the network setting is available.

● Make sure Firewall is disabled.

● Check for the Proxy setting is correct.

Q5： **What is No More Data?**

A5： ● Make sure the network setting is available.

● Check for possible bandwidth limitation issue.

Chapter 14 Specifications

☐ Power Requirements: AC/DC adapter, 12V ⎓ 4000mA

☐ Power Consumption: 65W

This symbol on the product or in the instructions means that your electrical and electronic

equipment should be disposed at the end of its life separately from your household waste.

There are separate collection systems for recycling in the EU.

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Licensing information and requirements

Technology	IP Provider	Required Copy
mp3 format	Thomson Licensing	"MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson"
Real Audio	RealNetworks	"This product contains software. You have the non-exclusive , non-transferable right to use this software in object code form only, solely to operate this product. Ownership of the intellectual property rights in the software in this product remains in the ownership of the party who provided it (or the respective licensor) and all of their respective rights are reserved You are strictly forbidden from modifying, translating, reverse engineering, decompiling, disassembling or using other means to discover the source code of the software in this product or otherwise replicate the functionality of the software in this product except to the extent that this restriction is expressly prohibited by applicable law. Except where this is not possible in the territory where you purchased this product, we do not give any warranties in relation to the operation or performance of the software and neither we nor any of our suppliers or licensors shall be liable to you for indirect, special, incidental and consequential losses such as loss of profits arising out of your use of the software in this product. These terms apply to any updates to the software you may apply to the product. Portions of this software are included under license from RealNetworks, Inc. Copyright 1995-2007, RealNetworks, Inc. All rights reserved."
Windows Media Audio	Microsoft	"This product is protected by certain intellectual property rights of Microsoft. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft."
Windows Media DRM 10	Microsoft	"Content owners use Windows Media digital rights management technology (WMDRM) to protect their intellectual property, including copyrights. This device uses WMDRM software to access WMDRM-protected content. If the WMDRM software fails to protect the content, content owners may ask Microsoft to revoke the software's ability to use WMDRM to play or copy protected content. Revocation does not affect unprotected content. When you download licenses for protected content, you agree that Microsoft may include a revocation list with the licenses. Content owners may require you to upgrade WMDRM to access their content. If you decline an upgrade, you will not be able to access content that requires the upgrade."

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