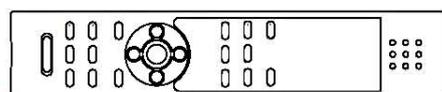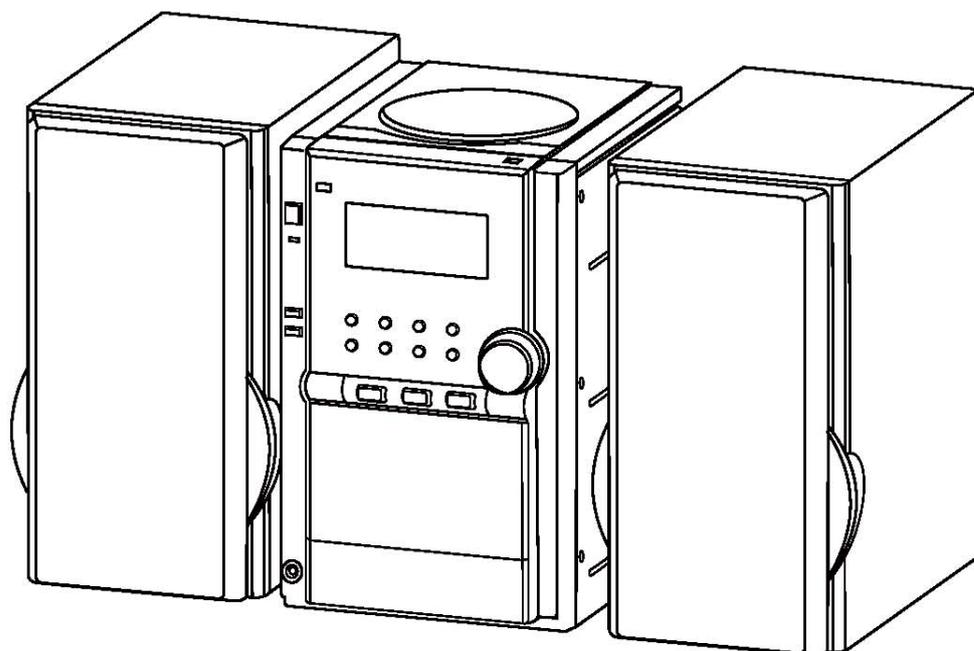**Instruction Manuals**

Hitachi
Living Systems

Model No: AX-M82D

STEREO CD DAB/FM RADIO
CASSETTE RECORDER

CE

Contents

IMPORTANT SAFETY PRECAUTIONS

The mains lead on this equipment may be supplied with a moulded plug incorporating a fuse, the value of which is indicated on the pin face of the plug. Should the fuse need to be replaced, an ASTA or BSI approved BS 1362 fuse must be used of the same rating. If the fuse cover is detachable never use the plug with the cover omitted. If a replacement fuse cover is required, ensure it is of the same colour as that visible on the pin face of the plug. Fuse covers are available from your dealer.

DO NOT cut off the mains plug from this equipment. If the plug fitted is not suitable for the power points in your home or the cable is too short to reach a power point, then obtain an appropriate safety approved extension lead or consult your dealer.

Should it be necessary to change the mains plug, this must be carried out by a competent person, preferably a qualified electrician.

If there is no alternative to cutting off the mains plug, ensure that you dispose of it immediately, having first removed the fuse, to avoid a possible shock hazard by inadvertent connection to the mains supply.

IMPORTANT

The wires in this mains lead are coloured in accordance with the following code:

Blue : NEUTRAL
Brown : LIVE

As these colours may not correspond to the coloured markings identifying the terminals in your plug, proceed as follows:

The wire coloured BLUE must be connected to the terminal marked with the letter **N** or coloured BLUE or BLACK. The wire coloured BROWN must be connected to the terminal marked with the letter **L** or coloured BROWN or RED.

On no account connect either of these wires to the terminal marked E or by the earth symbol ⏚E or coloured green or green and yellow.

Alternatively, this equipment may be supplied with a rewireable plug already fitted, which may be removed if not suitable and an alternative fitted in accordance with the preceding instructions.

SOME DO'S AND DON'TS ON THE SAFE USE OF EQUIPMENT

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

DO read the operating instructions before you attempt to use the equipment.

DO ensure that all electrical connections (including the mains plug, extension leads and interconnections between the pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug before making or changing connections.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment .

DON'T remove any fixed cover as this may expose dangerous voltages.

DON'T obstruct the ventilation openings of the equipment with items such as newspapers, tablecloths, curtains, etc. Overheating will cause damage and shorten the life of the equipment.

DON'T allow electrical equipment to be exposed to dripping or splashing, or objects filled with liquids, such as vases, to be placed on the equipment.

DON'T place hot objects or naked flame sources such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.

DON'T listen to headphones at high volume, as such use can permanently damage your hearing.

DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation. Switch off using the switch on the equipment and make sure that your family knows how to do this. Special arrangements may need to be made for infirm or handicapped people.

DON'T continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way -switch off, withdraw the mains plug and consult your dealer.

ABOVE ALL

NEVER let anyone especially children push anything into holes, slots or any other opening in the case - this could result in a fatal electric shock

NEVER guess or take chances with electrical equipment of any kind...it is better to be safe than sorry!

Note:

This unit will become warm when used for a long period of time. This is normal and does not indicate a problem with the unit.

In case of display shows unreadable symbols due to electrostatic discharge, switching OFF/ON may be necessary for reset.

In case of malfunction due to electrostatic discharge, reset the apparatus by disconnecting from the mains.

This Hi-Fi includes micro-processors which may malfunction as a result of external electrical interference or noise. If the Hi-Fi is not working properly, disconnect the power source and then reconnect it.

COMPACT DISC HANDLING

1. Always use compact discs bearing the mark as shown.

2. Notes on handling discs
    Removing the disc from its storage case.
    * Do not touch the reflective
       recorded surface.
    * Do not stick paper or write
       anything on the surface.
    * Do not bend the disc.
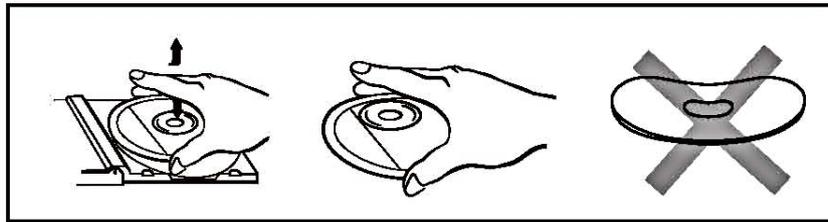
3. Storage
    * Store the disc in its case.
    * Do not expose discs to direct sunlight or high temperatures, high humidity or dusty
       places.

4. Cleaning a disc
    * Should the disc become soiled,
       wipe off dust, dirt and fingerprints
       with a soft cloth.
    * The disc should be cleaned from
       the centre to the edge.

    FROM THE CENTRE TO THE EDGE

    CORRECT   INCORRECT
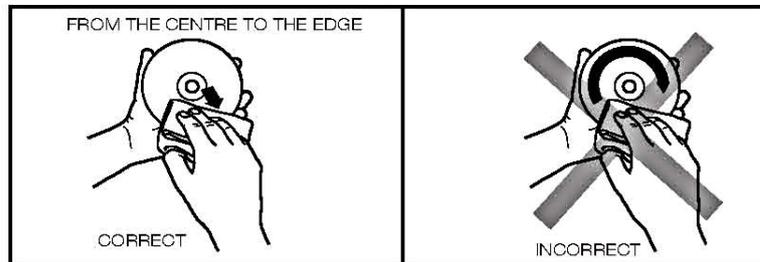
    * Never use benzene, thinners, record cleaner fluid or anti static spray.
    * Be sure to close the CD door so the lens is not contaminated by dust.
    * Do not touch the lens.

CONTENTS OF PACKAGE

Following contents are included:

Stereo CD/DAB/FM Radio Cassette Recorder
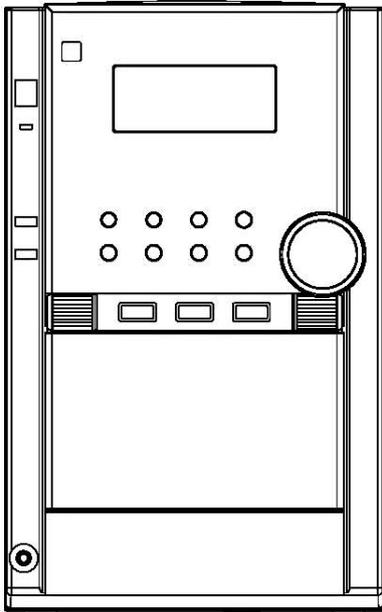
2 Way Speakers x 2 (2 x 20W)
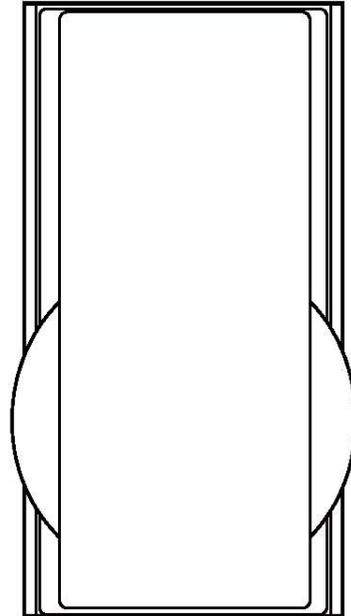
Remote Controller (Batteries not supplied)

Instruction Manual

Instruction Manuals

Hitachi Living Systems

Model No: AX-M82D

STEREO CD DAB/FM RADIO
CASSETTE RECORDER

CE
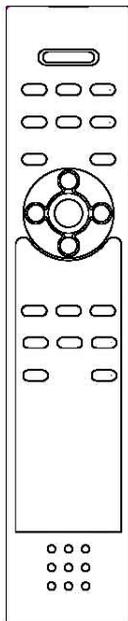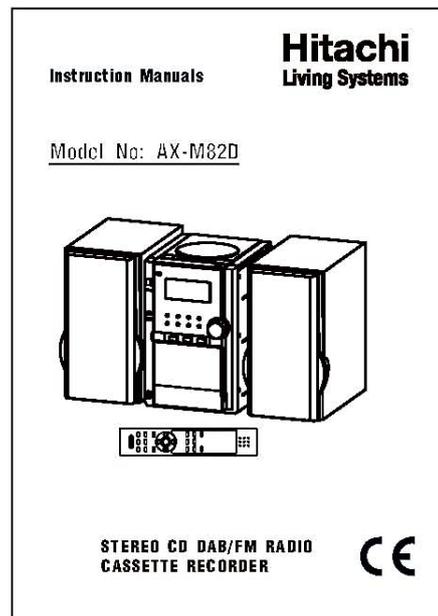
Make sure all of the above contents are included. If there are any missing items, please return this product to the original place of purchase.

FEATURES AND CONTROLS

Top

Front

Back

UK-5
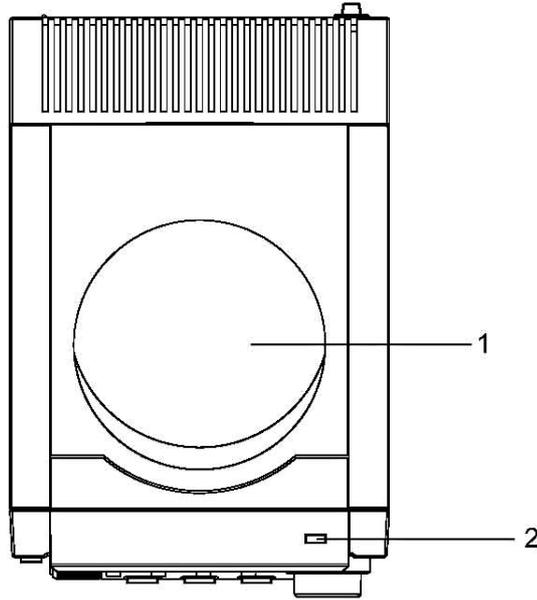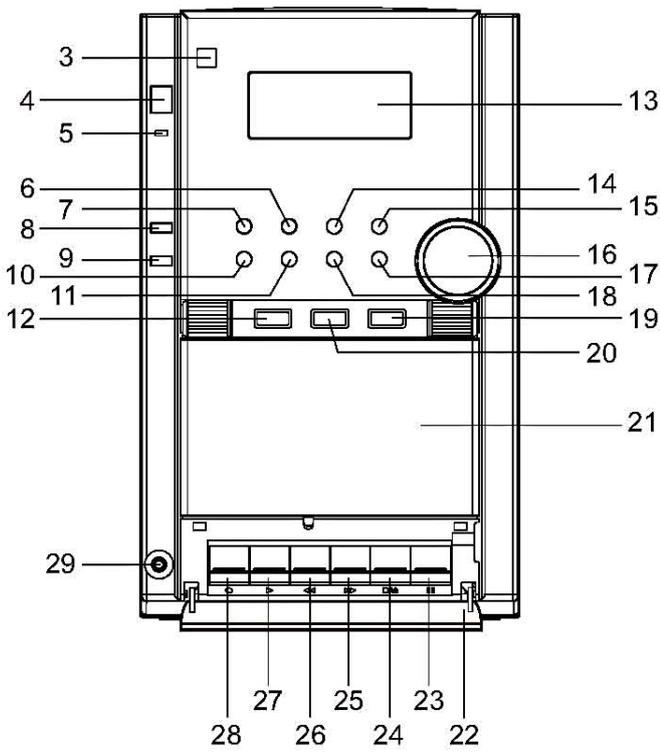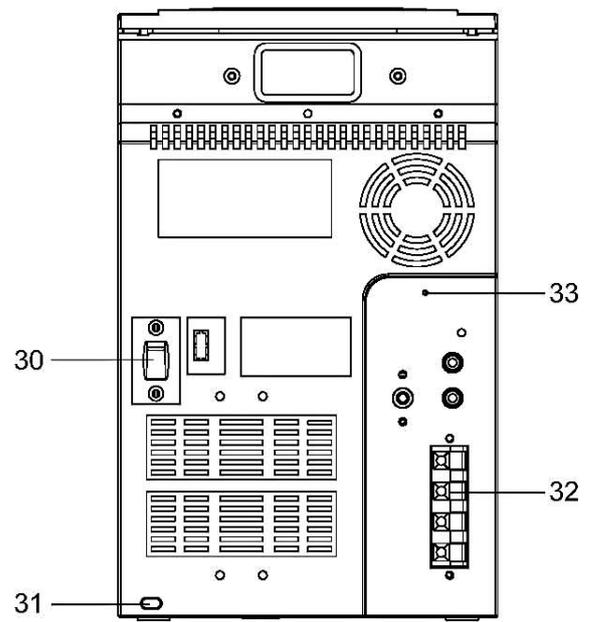
FEATURES AND CONTROLS

1. CD DOOR
2. CD DOOR OPEN/CLOSE BUTTON
3. IR SENSOR
4. STANDBY BUTTON
5. STANDBY INDICATOR
6. BACKLIGHT ON/OFF BUTTON
7. DISPLAY/INFO BUTTON
8. TIMER BUTTON
9. EQ BUTTON
10. REPEAT/AUTOTUNE BUTTON
11. PROGRAM/PRESET BUTTON
12. TUNER BUTTON
13. LCD DISPLAY
14. STOP BUTTON
15. SELECT/PLAY/PAUSE BUTTON
16. VOLUME CONTROL
17. SKIP/SEARCH/SELECT UP BUTTON
18. SKIP/SEARCH/SELECT DOWN BUTTON
19. TAPE BUTTON
20. CD BUTTON
21. CASSETTE DOOR
22. CASSETTE BUTTON DOOR
23. CASSETTE PAUSE BUTTON
24. CASSETTE STOP/EJECT BUTTON
25. CASSETTE FAST FORWARD BUTTON
26. CASSETTE FAST REWIND BUTTON
27. CASSETTE PLAY BUTTON
28. CASSETTE RECORD BUTTON
29. PHONE JACK
30. AC POWER ON/OFF SWITCH
31. AC POWER CORD
32. SPEAKER TERMINALS
33. DAB/FM ANTENNA

REMOTE CONTROL

1. STANDBY/ON BUTTON
2. DISPLAY/INFO BUTTON
3. TUNER BUTTON
4. FOLDER/PS - BUTTON
5. SELECT/PLAY/PAUSE BUTTON
6. SKIP/SEARCH/SELECT DOWN BUTTON
7. STOP BUTTON
8. SLEEP BUTTON
9. MUTE BUTTON
10. VOLUME - BUTTON
11. TIMER BUTTON
12. CD DOOR OPEN/CLOSE BUTTON
13. CD BUTTON
14. TAPE BUTTON
15. FOLDER/PS + BUTTON
16. PROGRAM/PRESET BUTTON
17. SKIP/SEARCH/SELECT UP BUTTON
18. REPEAT/AUTOTUNE BUTTON
19. RANDOM BUTTON
20. EQ BUTTON
21. X-BASS BUTTON
22. VOLUME + BUTTON
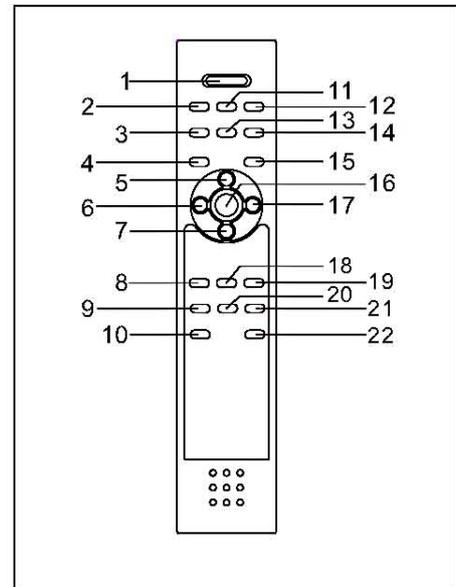
INSERTING THE BATTERIES INTO THE REMOTE CONTROL UNIT

Press down the compartment cover, and slide the cover off to open the compartment. Place the two (UM4), (AAA), (R03) batteries in the remote control according to the polarity markings ("+" and " - ") inside the compartment and on the batteries. Place the cover over the compartment, press down lightly, and push it upward until it snaps on.

NOTE: *Remove the batteries from the remote control if not in use for long period of the time. Do not mix normal batteries with rechargeable batteries, when the batteries become weak, remote control will not function and replace with new batteries.*

BATTERIES NOT INCLUDED
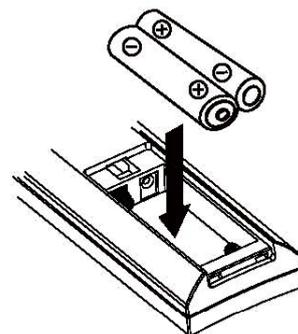
INSTALLING THE SPEAKER WIRE TO THE SPEAKER TERMINALS

1. Speakers Connection

Extend the SPEAKER WIRES and connect them to the SPEAKER TERMINALS.

2. Power Cord Connection

Before using, connect the AC Power Cord to the AC outlet.

3. DAB/FM Antenna

Fully extend the DAB/FM wire antenna for better signal reception.

AC Power ON/OFF Switch   DAB/FM Antenna

AC Cord
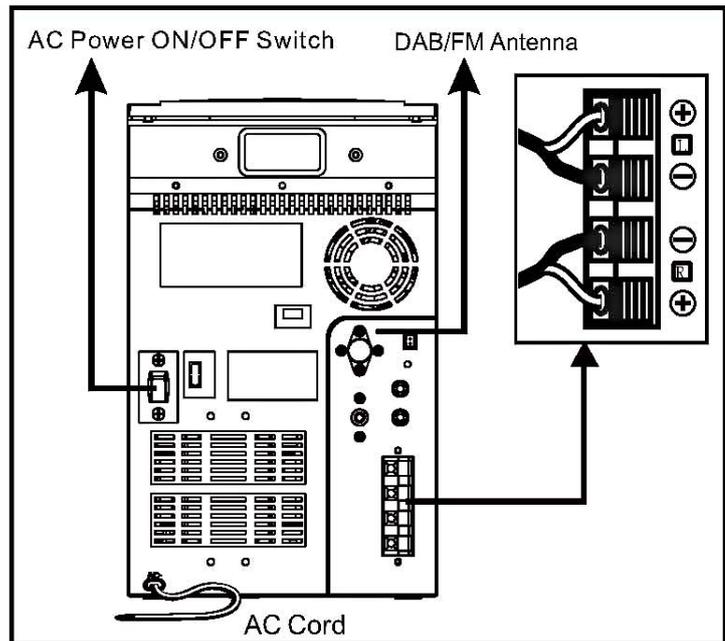
SWITCHING UNIT ON/OFF

Plug the unit into the AC outlet, then press the power switch on the rear of the unit. The unit will be in standby mode and the standby indicator will light. Press the STANDBY button on the unit (or on the remote control) to switch the unit On and OFF.

LISTENING TO YOUR RADIO

Checking DAB coverage

To find out which DAB stations you can receive, go to http://www.bbc.co.uk/digitalradio/ and enter your postcode.

Hints for better reception

This system uses a single lead wire DAB/FM antenna. For the best performance, fully extend the antenna and adjust the position and direction until you find the best reception. For the best DAB reception, keep the antenna wire vertical.

DAB mode

When the unit is switched on for the first time, it will automatically switch to DAB mode and perform a full scan for DAB services. During the scan, the display will show a progress bar. After the scan has finished, the number of services found will be displayed and then the first alphanumerically found station will be automatically selected. (F.1) (F.2)

```
09:30 08
Scan Services
Full Scan       F1
```

```
09:31 08
■■■■■_____ 10A
50%             F2
```
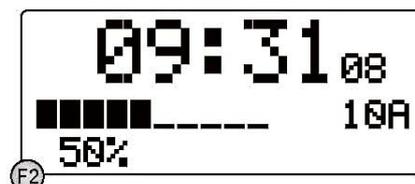
DAB - unlike normal radio - groups together several radio stations and transmits them on one frequency. These groups are referred to as multiplexes and ensembles. Every time one of these groups is found, the name of that group will be displayed.

Auto tuning

There are two auto-tuning options: quick scan and full scan. Quick scan will only search UK DAB Band III channels and full scan will search all DAB Band III channels. Once the scan has finished, the radio will select the first alphanumerically found station.
To start a quick scan, press the **AUTOTUNE** button once, the display will show "Scan Services Quick Scan" and then a progress bar. (F.3)
To start a full scan, press and hold the **AUTOTUNE** button until the display shows "Scan Services Full Scan". (F.4)
To listen to the stations that have been found, press the I◀◀ or ▶▶I button.

```
09:32₀₈
Scan Services
 Quick Scan
```
(F3)

```
09:33₀₈
Scan Services
 Full Scan
```
(F4)

Manual tuning

1. To select manual tuning, press and hold the **DISPLAY/INFO** button until the display shows "Manual Tune", then press the **SELECT** button to confirm. (F.5)
2. Press the I◀◀ or ▶▶I button to move through the DAB channels, the display will show "5A" to "13F" and the associated frequency. (F.6) When your radio locates a station group (ensemble/multiplex) on one of the DAB channels, the name of the station group will show in the display after a few seconds.
3. To enter the ensemble/multiplex, press the **SELECT** button. The display will show the first station in the ensemble/multiplex.
4. Press the I◀◀ or ▶▶I button to see what stations are present on the ensemble/multiplex. When you have located your desired station, press the **SELECT** button, and at the same time, you will exit manual tuning mode. All the stations in the ensemble/multiplex will be added to the station list.

```
10:00₅₀
Manual Tune
```
(F5)

```
10:00₅₅
5A  174.928 MHz
```
(F6)

Auto select

You can explore the found stations by pressing the I◀◀ or ▶▶I button. If auto select is "ON", the station will be automatically selected when the button is released.
If auto select is "OFF", you must press the **SELECT** button when the display shows your desired station.
To toggle auto select "ON" or "OFF", press and hold the **SELECT** button until the display shows "Auto Enter ON" or "Auto Enter OFF". (F.7) (F.8)

```
10:12₀₁
Auto Enter ON
```
(F7)

```
10:12₀₈
Auto Enter OFF
```
(F8)

Secondary Services

On some occasions you will see an arrow symbol appeared after the name of the station. (F.9) This indicates that there are secondary services available. These secondary services are extra services that relate to the primary station; e.g., a sports station may provide extra commentaries. The secondary services are inserted directly after the primary station in the station list.
To select the secondary service, press the **SELECT** button when the arrow symbol appears in the display. When the secondary service ends, the radio will automatically switch back to the primary station.

```
10:13₀₈
SERVICE 1       ▶
TESCOM
```
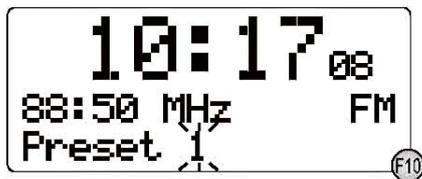(F9)

FM mode

1. To select FM mode, press the **TUNER** button once in DAB mode or twice in CD/Tape mode. The display will show the frequency and the audio mode.
2. To manually tune the radio, press the ◄◄ or ►► button until you read the correct frequency or the reception is at its best.
3. To auto search up the frequency band, press the **AUTOTUNE** button once.
4. To auto search down the frequency band, press and hold the **AUTOTUNE** button until the radio starts searching.
5. To toggle between "Auto" and "Mono" audio, press the **SELECT** button. The display will show "Radio mode:Auto" or "Radio mode:Mono".

Note: In "Auto" mode, the radio will automatically switch between stereo and mono. You can switch to "Mono" mode for better sound quality when stereo reception is poor.

STORING AND RECALLING STORED STATIONS

In both DAB and FM mode, you can store up to 10 stations to the presets; this will enable you to get direct access to your favourite stations.

1. To store a preset, first tune to your desired station, then press and hold the **PROGRAM** button until "Preset #" flashes on the display. (F.10)
2. Press the ◄◄ or ►► button to select your desired preset number, then press the **PROGRAM** button again to confirm your selection. The display will show "Preset # Saved".(F.11)
3. To recall a preset station, press the **PROGRAM** button once, then press the ◄◄ or ►► button to select the preset. The display will show "Preset # Loaded". You can also press the **PS +/-** buttons on the remote to recall stored stations. If the preset hasn't been allocated a station, the display will show "Preset # Free".

```
10:17₀₈
88:50 MHz        FM
Preset 1              (F10)
```

```
10:17₀₈
88:50 MHz        FM
(F11) Preset 2 Saved
```

DISPLAY MODES

Each time you press the **DISPLAY/INFO** button, the display will cycle through the following display modes:

Main mode:	DAB	FM	CD(stop)	CD(play)	TAPE
	Ensemble/Multiplex (Group name)	Audio mode	Audio CD: Total tracks and time / MP3 CD: Total albums and tracks	Audio CD: Current track and elapsed time / MP3 CD: Current album, track name, and elapsed time	Clock
Sleep timer status	Time/Date				
Timer status	DLS(Scrolling text)			Audio CD: Current track and remaining time / MP3 CD: Current artist, track name and elapsed time	
X-Bass Status	Signal strength				
EQ mode	Programme Type			MP3 CD: Current filename, track name and elapsed time	
Volume level	Audio bit rate				

Note: If an MP3 file does not contain the artist name or track name, the display shows "Artist" and the track number instead.

Ensemble/Multiplex (Group name)

The Ensemble/Multiplex is a collection of radio stations that are bundled and transmitted together on the same frequency. There are national and local multiplexes, local ones contain stations that are specific to that area.

Time and date

The time and date will be automatically set by the DAB broadcaster, there is no need to set the clock manually.

DLS

DLS (Dynamic Label Segment) is a scrolling message that the broadcaster may include in their transmissions.

Signal strength

The display will show a bar to indicate the signal strength.

Programme type

This describes the style of the programme that is being broadcast. If the information is not available, the display will show "<Prg Type N/A>".

Audio bit rate

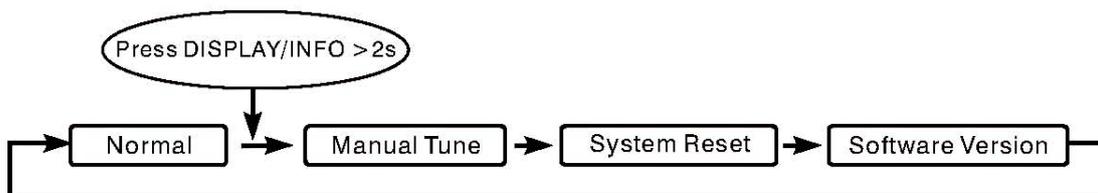The display will show the digital audio bit rate being received.

Timer status

The display will show the timer on/off status, the timer clock and the timer on mode if the timer has been activated.

Sleep timer status

The display will show the sleep timer on/off status and the sleep time when the sleep timer is on.

ADVANCED DAB DISPLAY MODES

In normal DAB operation, press and hold the **DISPLAY/INFO** button for longer than 2 seconds to enter the advanced display mode. When the display shows "Manual Tune", each time you press the **DISPLAY/INFO** button, the display will cycle through the following information:

```
        ( Press DISPLAY/INFO > 2s )
                    |
                    v
  +--> [ Normal ] -> [ Manual Tune ] -> [ System Reset ] -> [ Software Version ] -+
  |                                                                               |
  +-------------------------------------------------------------------------------+
```

FACTORY RESET

When you move the system to another part of the country, your stored DAB stations may no longer be available. If this is the case then you will need to reset your system back to its original factory settings. To perform a factory reset, please do the following:
1. Switch on the unit and select DAB mode.
2. Press and hold the **DISPLAY/INFO** button for longer than two seconds. When the display shows "Manual Tune", press the **DISPLAY/INFO** button until "System Reset" is displayed.
3. Press the **SELECT** button to confirm, the display will first show "System Reset" and then perform a full scan for DAB services. If you press the **PRESET** button when "Press Preset for defaults" appears, DAB presets 1-4 will automatically be set to default stations if available.

Note: All of your stored DAB & FM presets will be lost once the reset has taken place.

LISTENING TO YOUR COMPACT DISCS

NOTE: Although this CD player can read CD-R and CD-RW discs in addition to normal CDs, the playability of CD-R and CD-RW discs may be affected by the type of software that was used to create the discs, as well as the quality and condition of the blank media used. 100% playability cannot be guaranteed. This is not an indication of a problem with the player.

IMPORTANT : THIS MODEL HAS A MOTORIZED ELECTRONIC CD DOOR. DO NOT ATTEMPT TO OPEN THE DOOR MANUALLY. THIS COULD DAMAGE THE DOOR MECHANISM.

Playing the entire CD

1. Press the **CD** button to select the CD function. The display will first show "Reading CD" and then finally "No Disc". (F.12) (F.13)
2. Press the **OPEN/CLOSE** button to open the CD door, load the disc with the printed label side facing up and then press the **OPEN/CLOSE** button again to close the CD door.
3. If a MP3 disc is being loaded, the display will show "MP3" together with the total number of albums and tracks on the disc. If a normal CD is being loaded, the display will show "CD" and the total number of tracks and time on the disc.
4. Press the ▶/‖ button to start playback from the first track, or press the ◄◄ or ▶▶ buttons to start from a different track. The display will show the current track number and elapsed time. (F.14)
5. To pause playback, press the ▶/‖ button. The elapsed time in the display will flash while the CD is paused.
6. To resume playback, press the ▶/‖ button again.
7. To rewind or fast forward through currently playing track, press and hold the ◄◄ or ▶▶ button. The display will show "◄◄" or "▶▶". Release the button to resume normal playback.
8. To stop playback, press the ■ button.

```
10:18₂₅          10:18₃₅          10:18₄₅
Reading CD       No Disc        ▶ Track 01    CD
                                        00:08
(F12)            (F13)          (F14)
```

Selecting a different track during play

1. Repeatedly press the ◄◄ or ▶▶ buttons until the desired track number appears on the display.
2. To play the next track, press the ▶▶ button once.
3. To play the previous track, press the ◄◄ button twice.
4. To return to the start of the current track, press the ◄◄ button once.
5. To skip to the next or previous album during MP3 CD playback, press the **FOLDER/PS +/-** buttons(on the remote controller).

Repeat play

Press the REPEAT button to cycle through the repeat options. The display shows the following symbols:

```
         CD                MP3CD
  ┌─────────────────┐  ┌─────────────────┐
  │[ ♀1 ]repeat current│→│[ ♀F ]repeat current│
  │track (F.15)     │  │album (MP3CD)    │
  └─────────────────┘  └─────────────────┘
          ↓
  ┌─────────────────┐
  │[ ♀A ]repeat entire│←─────────
  │disc (F.16)      │
  └─────────────────┘
          ↓
  ┌─────────────────┐
  │ cancel repeat   │
  └─────────────────┘
```

```
10:20₄₅
▶ Track 01  ♀1  CD
              00:08
(F15)

10:28₄₅
▶ Track 08  ♀A  CD
              00:08
(F16)
```
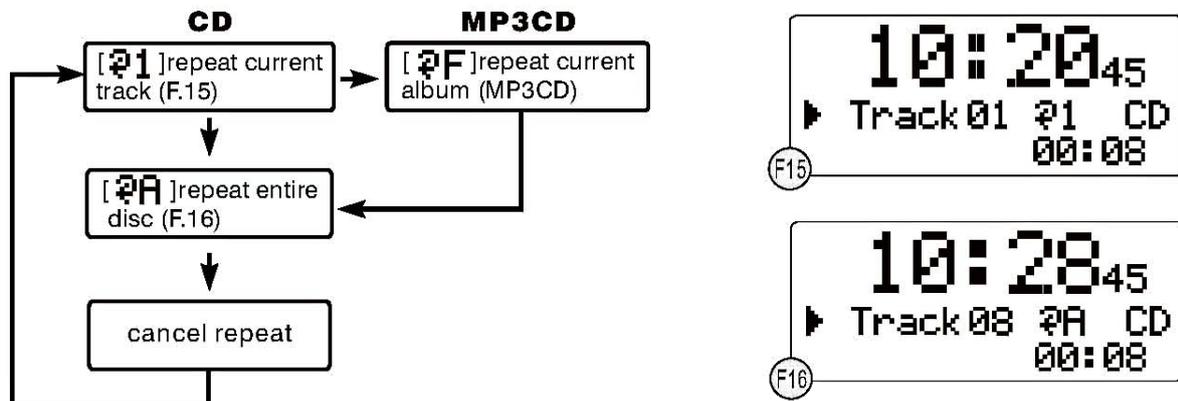
Random play

1. When in Stop mode press the **RANDOM** button on the remote control to select random play. The display will show "Random".
2. Press the ▶/❚❚ button to start playback.
3. To cancel random play, press the **RANDOM** button again.

Note: Selecting any repeat play will cancel random playback.

Program play

In CD stop mode, a maximum number of 20 tracks can be programmed to play in any desired order.
1. Load your disc as usual and wait until the display shows the total number of tracks.
2. Press the **PROGRAM** button once, the display will show "PROGRAM -01" and flash.(F.17)
3. Press the ❚◄◄ or ►►❚ buttons to select the first track to be programmed, then press the **PROGRAM** button to confirm, the first track to play is now programmed, "PROGRAM -02" will be displayed and ready for the next entry.

Note: For MP3 CDs, you can select tracks from different albums. Press the **FOLDER/PS +/-** buttons to select the album, then press the ❚◄◄ or ►►❚ buttons to select the track.

4. Repeat the above step to program other tracks for program play. When you have completed programming, press the ▶/❚❚ button to begin playback; the display will show "P". (F.18)
5. To erase the program, in CD stop mode; press the ■ button once; during playback, press the ■ button twice. The "P" will disappear from the display.

```
10:50₄₅
PROGRAM-01
 Track 01    (F17)
```

```
(F18)   10:55₄₅
      ▶ Track 01   P CD
                00:08
```

Repeat program play

You may use the program play and the repeat play features together to create a continuously repeating program. First program the desired playback sequence, then press the **REPEAT** button to repeat the current track or the entire programmed sequence. The display will show "↵1P" or "↵AP".

CASSETTE OPERATION

Use only good quality cassettes (IEC TYPE 1) for making recordings. This unit can play back other types of cassette but cannot make proper recordings on these tapes. The use of C120 cassettes is not recommended in this machine.
Be sure to tighten any slack tape in the cassette before use by inserting a pencil or a ball-pen into the centre of the spool and then rotating to remove the slackness.

Playing the cassette tape

1. Press the **TAPE** button to select tape mode. The display will show "TAPE" and the clock will be displayed.
2. Open the cassette button door located on the bottom front of the unit, then press the ■/▲ button to open the cassette compartment.
3. Insert the cassette tape into the compartment with the full reel on the left hand side and the open end facing downwards, push the cassette well down and then close the door.
4. Press the ▶ button to start playback.
5. To pause playback, press the ❚❚ button.
6. To resume playback, press the ❚❚ button again.
7. To stop playback, press the ■/▲ button.
8. To rewind or fast forward the tape, press the "◄◄" or "►►" button.
9. To eject the tape, press the ■/▲ button twice. The cassette compartment will open.

Recording from radio or CD

1. Open the cassette button door and press the ■/▲ button to open the cassette compartment.
2. Insert the cassette tape into the compartment with the full reel on the left hand side and the open end facing downwards, push the cassette well down and then close the door.
3. To record a DAB or FM broadcast, press the **TUNER** button and select your desired station, then press the ● button to start recording.
4. To record CD tracks, press the **CD** button, select and play your desired CD track, then press the ● button to start the recording.
5. To stop recording, press the ■/▲ button.

Auto stop

During play or record, when the tape reaches its end, the built-in auto stop mechanism will stop the cassette automatically. When recording from CD or tuner, the unit will stop recording but will remain in CD or tuner mode.

TIMER FUNCTION

You can set the timer to switch on the system at your desired time and listening mode.
1. Press the **TIMER** button to toggle the timer function between "ON" and "OFF", the display will show the timer clock together with "T-ON" or "T-OFF". During standby, the display will show "TIMER" if the timer is on.
2. To set the time when the unit will switch on, press and hold the **TIMER** button until "Timer On Set" appears in the display. The "hour" digits will flash.
3. Press the ◄◄ or ►►I buttons to select the desired hour and press the **SELECT** button to confirm. The "minute" digits will flash.
4. Press the ◄◄ or ►►I buttons to select the desired minute and press the **SELECT** button to confirm.
5. Press the ◄◄ or ►►I buttons to select CD, DAB or FM and press the **SELECT** button to confirm.
6. The timer status can be checked by using the **DISPLAY/INFO** button.

SLEEP FUNCTION

You can program the system to switch itself off after a set period of time.
1. Press the **SLEEP** button on the remote control. "Sleep 90 min" will appear in the display.
2. Press the **SLEEP** button to cycle through the sleep time options:

$$90 \rightarrow 60 \rightarrow 30 \rightarrow 10$$
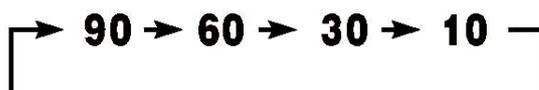
3. When your desired sleep time appears in the display, release the button and the sleep timer is activated. The "second" digits of the clock will change to display "S#" where "S1" represents "10 minutes"and so on.
4. When the sleep time arrives, the unit will switch off. To turn the sleep function off, press the **SLEEP** button again. The display will show "Sleep OFF" and the "S#" will revert back to show the "second".
5. The sleep timer status can be checked by using the **DISPLAY/INFO** button.

PRESET EQ

Press the **EQ** button to cycle through the different preset EQ options:

$$FLAT \rightarrow JAZZ \rightarrow ROCK \rightarrow CLASSIC \rightarrow POP$$

The EQ status can be checked by using the **DISPLAY/INFO** button.

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X-BASS

X-Bass enhances the bass level. Press the **X-BASS** button on the remote control turn X-Bass on and off. The display will show "X-BASS ON" or "X-BASS OFF".
The X-Bass status can be checked by pressing the **DISPLAY/INFO** button.

MUTE

Press the **MUTE** button on the remote control to mute the sound from the speakers. The display will show "MUTE". To cancel mute, press the **MUTE** or **VOLUME +/-** buttons. "MUTE" will disappear from the display.

HEADPHONE JACK

A 3.5mm stereo headphone jack is located on the bottom left of the front panel. Connect a set of stereo headphones (not included) to this jack for private listening without disturbing others. The external speakers are automatically disconnected when the headphones are in use.

IMPORTANT: When using headphones always set the volume to a low level before you put the headphones on. Then connect the headphones and gradually increase the volume to a comfortable listening level.

SPECIFICATIONS

POWER SUPPLY:	230V ~ 50Hz
POWER CONSUMPTION:	MAX: 108W STANDBY: 3W
OUTPUT POWER:	20W x 2 (RMS)
	18W x 2(10%THD)
UNIT DIMENSION:	160(L) x 230(W) x 260(H)mm
SPEAKER BOX DIMENSION:	133(L) x 195(W) x 257.5(H)mm
NET WEIGHT(with speakers and remote) :	8.7Kg

OPERATING CONDITIONS

TEMPERATURE:	OPERATING 5°C to 35°C AND STORAGE -20°C to 60°C
AIR HUMIDITY:	OPERATING 5% to 90% AND STORAGE 0 to 90%

RADIO SECTION

FREQUENCY RANGE:	DAB 174.928 - 239.200 MHz
	FM 87.5 – 108 MHz

COMPACT DISC SECTION

OPTICAL PICKUP:	3 - BEAMLASER
FREQUENCY RESPONSE:	100Hz - 16kHz

CASSETTE SECTION

TAPE SPEED:	4.75 CM/SEC
FREQUENCY RESPONSE:	125Hz-8kHz

** SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTICE

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Hitachi Europe Ltd.

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