

Technical Details

Power: 230V A.C. 50Hz
 18W
 Class II
 Output power: 2x 2W RMS

Frequency: FM: 87.5 – 108MHz
 DAB: 174 – 240MHz



Measurements

22.7cm (H) x40.6cm (L) x33.6cm (D)

Weight: 7kg

Remote control:
 2x AA size batteries (not included)



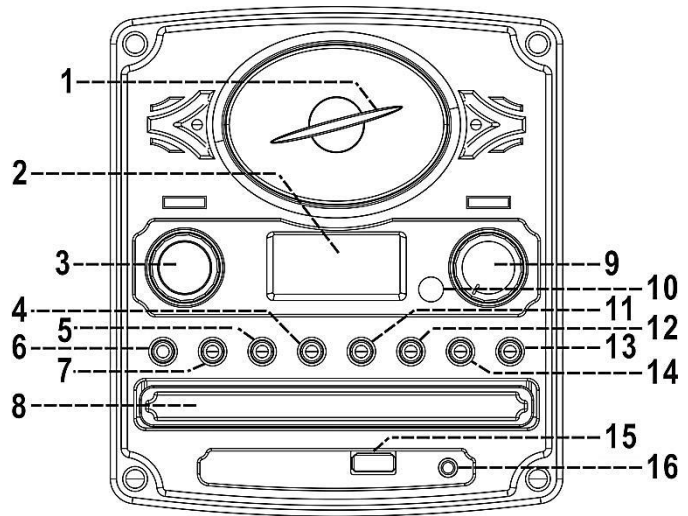
 <p>The lightning flash and arrow head within the triangle is warning sign alerting you of dangerous voltage inside the product</p>	<p style="text-align: center;">CAUTION</p> <p style="text-align: center;">RISK OF ELECTRIC SHOCK DO NOT OPEN</p> <p>CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICIABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>	 <p>The exclamation point within the triangle is a warning sign alerting you of important instructions accompanying the product</p>
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Contents

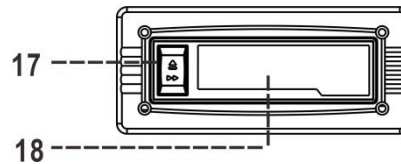
Parts.....	3
Precautions for use.....	4
Connection	4
Listening to DAB/FM radio	4
Playing compact disc	6
For CD	7
For MP3 disc	7
Playback of MP3 song via USB storage media or memory card.....	9
Listening to tape	9
Phono.....	10
Encoding of CD disc / Phono or Cassette tape into mp3 file.....	11
A) CD/MP3 encoding	11
B) Phono/Cassette encoding	11
C) DAB/FM encoding	12
File delete at USB (by remote control).....	12
Remote control transmitter	14
WARNINGS AND SAFETY INSTRUCTIONS:	15
PLUG WIRING (UK & IRELAND).....	15
CARE AND CLEANING INSTRUCTIONS.....	16
DISPOSAL	16

Parts

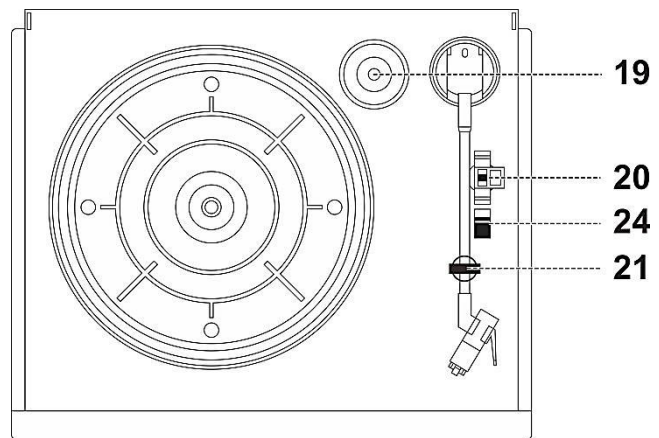
1. Dial pointer
2. LCD display
3. Select/enter knob
4. Skip/search down/ Scan button
5. Play mode button
6. CD door open button
7. Record button
8. CD door
9. Volume knob
10. Remote sensor
11. Skip/search up/Info button
12. Stop/ Preset button
13. Power on/off/Function button
14. Play/pause/Menu button
15. USB socket
16. 3.5 mm headphone jack



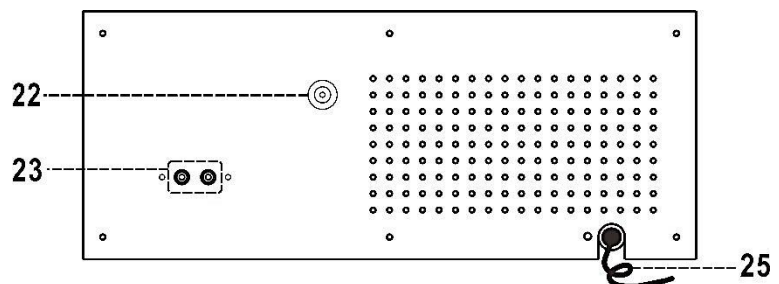
17. Tape forward/Eject button
18. Cassette door cover



19. Spindle adaptor
20. Turntable speed selector
21. Pick-up holder



22. DAB/FM antenna socket
23. Line out socket (l/r)
24. Auto stop switch
25. AC cord



Caution:

- Usage of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- This unit should not be adjusted or repaired by anyone except qualified service personnel.

Precautions for use

Installation

- Unpack all parts and remove protective material.
- Do not connect the unit to the mains before checking the mains voltage and before all other connections have been made.
- Do not cover any vents and make sure that there is a space of several centimetres around the unit for ventilation.

Connection

1. Connect the power cord (25) to AC outlet.
 - 1) Press the Power on/off/Function button (13) once and the LCD display (2) with blue backlight on.
2. Then set the Function (13) to FM (Tuner) mode. If sound is coming out from the speaker, it means the power supply is normal. Now your system is ready to play music.

Listening to DAB/FM radio

Getting started

- Connect the DAB/FM antenna to the DAB/FM antenna socket (22) at the back of the unit and extend it for the best reception
- Press the Power on/off/Function button (13) to turn on the unit and press the button again to switch the function to DAB/FM mode.

FM radio - Auto scan

1. Switch the function to FM mode.
2. Press the "scan" button (4) once, the unit will auto-search the nearest available FM station forward and stop.
3. Press the "scan" button again to auto-search to the next available FM station forward and stop.
4. Press and hold the "scan" button for 2-3 seconds, the unit will auto-search the nearest available FM station backward and stop.
5. Adjust the volume knob (9) to the desired volume level.

FM radio - Manual tuning

1. Turn the "Select/Enter" knob (3) to tune to the desired station manually.
2. Adjust the volume knob (9) to the desired volume level.

FM & FM-Stereo reception

- The unit will default to FM mode automatically. If the reception is strong, the FM signal will be

received in stereo signal. Otherwise, the FM signal will be received in mono only.

- During tuner mode, press the Play/pause/Enter button on the remote control once, and you can switch to mono/auto FM mode.
- In particular when stereo signals are weak, it is preferable to receive the program in Mono.

DAB radio - Auto scan

1. Switch the function to DAB mode.
2. The player will scan for DAB stations automatically until it finds a DAB station.
3. Press the "scan" button again to auto-search for the next available DAB station forward, or press and hold the "scan" button for 2-3 seconds to auto-search the next available station going backward.
4. Adjust the volume knob (9) to the desired volume level.

DAB radio - Manual tuning

1. Turn the "Select/Enter" knob (3) to tune to the desired station manually.
2. Adjust the volume knob (9) to the desired volume level.

Radio data system (RDS)

This feature is used to display information released from the radio broadcast. It will show on the LCD display step by step as below by pressing the Info button (11) continuously.

Radio text → program type → reception → time date → frequency → Auto/mono

Hints for best reception:-

DAB/FM: The receiver has an external DAB/FM antenna. Connect it to the DAB/FM antenna socket (22) and extend it for the best reception.

Preset stations (by remote control)

You can store up to total of 20 radio stations in the memory (10-FM/10-DAB).

1. Set to FM/DAB mode
2. Turn to the desired radio station by "manual" or "auto" tuning method.
3. Press and hold the Preset button (12) around two seconds to enable memory state, "Empty P1" will show on the display.
4. Press the Tuner/Menu + or - button on **the remote control** to select the desired station memory for storage.
5. Press the Preset button (12) to confirm storing to preset memory.
6. Repeat step 2 to 5 to store other stations.

Recall preset stations

1. Press the Preset button (12) once to enable recall state.
2. Press Tuner/Menu + or - button on **the remote control** to select the desired preset station.
3. Press Preset button (12) to confirm selection of the preset station.

- The preset stations will be cancelled completely if disconnecting the main power supply. It is

recommended to switch the system into standby mode for convenience.

- There are 3 seconds to program (text on display is flashing). After 10 sec the unit will automatically revert to normal tuner mode.
- You can overwrite a preset station by storing another frequency in its place.

Language Setting

During DAB playing mode, press “Menu” button (14) and then turn the “Select/Enter” knob (3) to choose ‘Language’ and press “Select/Enter” knob to confirm enter into “LANGUAGE” setting. You can choose from “English – Deutsch” and press the “Select/Enter” knob to confirm.

Playing compact disc

Getting started

1. Turn on the unit by pressing the Power/function button (13).
2. Switch the function to “CD mode” by pressing the Power/function button repeatedly.
3. Press “Open/Close” button (6) to open the CD door.
4. Place a CD with the printed side facing up inside the tray & then close the CD door.
5. Focus search is performing, the LCD display will show the number of tracks and playing time and start playback automatically.

● Play / pause / stop mode ▶||/■

1. During playback, press the Play/Pause (14) button once to pause. The LCD display will flash. Press again to resume normal playback.
2. If pressing the Stop button (12) once, the CD wo; stop playing.

● Skip/search mode (skip/search up ►► / skip/search down ◀◀)

1. During CD playback mode, if Skip up button (11) is pressed, the next track will be played with the track number being displayed.
2. During CD playback mode, if Skip down button (4) is pressed, the current track will be played from the beginning with the original track number being displayed. Pressing Skip down button again it will go to the previous track.
3. During CD/MP3 file playback if Skip up or down button (11/4) is pressed and held, the playing track will go fast forward or backward until the button is released.

● For MP3 disc

1. Follow the same operation of play/pause/skip as CD.
2. Press “folder” button on the remote to go to upper folder, the folder number on the LCD display will go up.

ID3 (track/album title) function (by remote handset)

1. Press the Info (ID3) button (11) during playback of MP3 disc, the song info (e.g. Artist, Album, File, Title) is being displayed. Press the Info button again to disable the function.

Remark:-

- If no name had been assigned to the track, “none“ or “unknown“ is being displayed” on LCD display (2).
- The system supports the English alphabet and numbers only for ID3 text

Mp3 track format requirement:-

- Mp3 bit rate : 32 kbps-256 kbps.
- The performance of playing MP3 disc varies depending on the quality of recording disc and the method of recording. The searching lead-time for MP3-CD is longer than normal CD due to the difference in format.

● **Play mode (Repeat/ Random)**

Press the Play button (5) before or during playback, a single track, single folder (MP3 file only) or all the tracks can be played in different modes as follow:-

For CD

(1) Repeat 1 → (2) Repeat all track → (3) Random → (4) off mode



Play mode	Indicator on LCD display
Repeat track	Rep1
Repeat all	RepA
Random	Rand
Off mode	-----

For MP3 disc

(1) Repeat 1 → (2) Repeat 1 folder → (3) Repeat all folders



<u>Play mode</u>	Indicator on LCD display
Repeat single track	Rep1
Repeat single folder	RepF
Repeat all folders	RepA
Random mode	Rand
Off mode	-----

Repeat play

You can listen to the desired track or folder repeatedly with this function.

Random play

You can listen to all the tracks or folder in a random order with this function

CD/MP3 disc programming (by remote control)

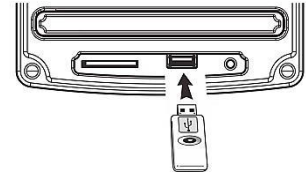
Up to 20 tracks can be programmed into a CD or MP3 file and played in any order. Ensure the system is in stop mode before programming:-

1. Set to CD/USB/SD mode and stop the CD/MP3 disc playback.
2. Press the "Program" button on the remote control, "MEM" indicator will appear on LCD display. It will also indicate the program number and digits for track number to be programmed.
3. Select a desired track by pressing skip ►► or ◀◀ buttons.
4. Press the "Program" button to store the track.
5. Repeat steps 3 and 4 to store additional tracks.
6. When all the desired tracks have been programmed, press CD "Play/Pause" button to play the disc in the assigned order.
7. To cancel the programmed file, press "Stop" button twice until MEM" indicator disappears from the LCD display.

Playback of MP3 song via USB storage media or memory card

Connecting

The system is able to decode and playback all MP3 file stored in a memory media with USB connecting port.



1. Press the Power on/off / Function button (13) to turn on the unit and press the button again to switch the function to USB mode.
2. Plug-in the USB plug with the face up & make sure it goes in completely. Insert straight without bending.
- **Connecting the USB upside down or backwards could damage the audio system or the storage media. Check to be sure the direction is correct before connection.**
3. The system will start reading the storage media automatically after connecting, and LCD display will show the track number and the playback time.
4. Repeat the same playback procedure as playing CD/MP3 disc as above.

Remark

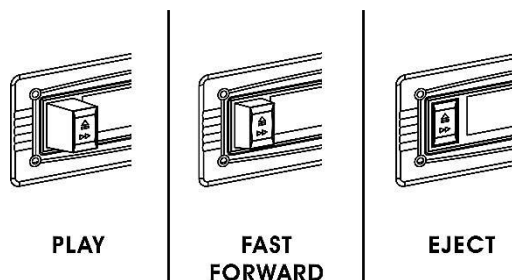
- The system can detect and read the files in MP3 format only through the USB socket.
- **When connecting the music centre to an MP3 player via the USB socket, due to variances in MP3 encoding format, some MP3 players may not be able to play via the USB socket. This is not a malfunction of the system.**
- **USB port does not support connection with a USB extension cable and is not designed for communication with a computer directly.**

Listening to tape

General operation

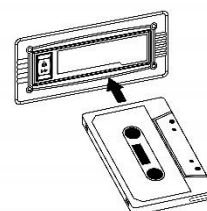
- Cassette playback: The system will start the playback automatically after inserting a cassette tape.
- Stop and ejection: Press the "Tape forward/eject" button (17) completely inwards to eject the cassette. The tape will be ejected through the cassette door cover. The "Tape forward/eject" button will stay at a depressed position.
- Fast forward: Press the "tape forward/eject" button half inwards during playback mode, to wind the tape forward. The "Tape forward/eject" button will stay at half pressed position.

Slightly press the "Tape forward/eject" button again to resume normal playback. The "Tape forward/eject" button will revert to the highest position.



Remark

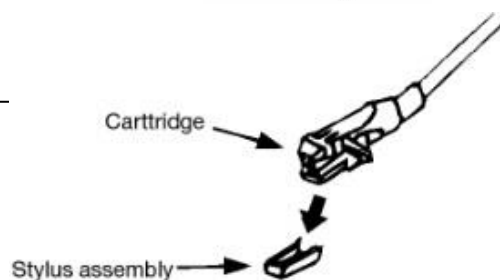
- Make sure the direction is correct when inserting the tape into the system.
- There is some searching noise in fast forward mode.
- This is recommended to take out the cassette tape from the system after you have finished listening and not to leave the cassette tape inside the system when you are not playing it.



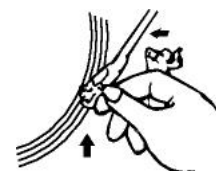
Phono

Remarks:

- Remove the stylus protector.
- Be sure that the tone arm is being detached from the tone arm rest before operating and re-secured again afterwards.



1. Press the Power on/off/Function button (13) to turn on the unit and press the button again to switch the function to PHONO mode.
2. Set the speed selector to the proper position depending on the record to be played.
3. Place the record on the platter (use the spindle adaptor if required).
4. Lift the tone arm from the rest and slowly move it to the record side. The platter will start to rotate.
5. Place the tone arm to the desired position of the record.
6. Adjust the volume (9) to the desired level.
7. At the end of record, the platter will automatically stop rotating. Lift the tone arm from the record and return it to the rest.
8. To stop manually, lift the tone arm from the record and return it to the rest.



Remark: For some records the auto-stop area is outside the unit's setting. The record may stop before the last track finishes. In this case, set the auto-stop switch (24) to the "off" position and the record will play to the end but will not stop automatically (turn off the unit by power button or switch back the auto-stop switch to "on" position to stop the platter rotate). Then put back the tone arm to the rest position.

Line out connection

You can connect the music centre to your hi-fi system by connecting the line out socket to the auxiliary input socket with a RCA cable (not included).

Mute / EQ Operation

During playing mode, press Mute button on the remote control once to mute the speakers and "MUTE" will show on the display. Press Mute button again or turn the volume knob or EQ button to cancel mute function.

During playing mode, press EQ button on the remote to choose different sound effects from: Pop / Classic / Rock / Jazz / Flat. To leave the EQ mode, press and choose "Flat".

Encoding of CD disc / Phono or Cassette tape into mp3 file

The system is able to encode CD, DAB/FM radio, Record (from Phono) and cassette deck file (from Tape) to MP3 format and recording to memory media with USB connecting port or SD/MMC card.

A) CD/MP3 encoding

I) Recording 1 track

1. Plug in the USB pen drive for recording (make sure it has enough empty space).
2. Follow the "Playing compact disc" section to playback the CD track you want to encode/record.
3. Press the "Record" button (7) during playback of the desired track, the LCD display will show "CHECK", then change to "REC USB".
4. Press the "Record" button twice and the display will show "REC ONE".
5. Press the "Record" button third time and the unit will start recording the desired track. The recording progress will count from 01 to 100 meaning completion of the recording. The unit will display the total number of tracks after recording automatically.

II) Recording the complete CD/MP3

1. Plug in the USB pen drive for recording (make sure it has enough empty space).
2. Follow the "Playing compact disc" section to insert the CD you want to encode/record and press "Stop" button (12) to set in stop mode.
3. Press the "Record" button (7) during CD stop mode, the LCD display will show "CHECK", then change to "REC USB".
4. Press the "Record" button a second time and the display will show "REC ALL".
5. Press the "Record" button a third time and the unit will start recording all tracks on the CD.
6. The unit will stop recording automatically after completion display the total number of tracks after recording.

B) Phono/Cassette encoding

1. Plug in the USB pen drive for recording (make sure it had enough empty space).
2. Follow "Listening to tape" or "Phono" or section to insert the tape or place the record that you want to encode/record.

3. Press the "Record" button (7) three times until the LCD display flashes with "REC USB" meaning the system has started the encoding.
4. Start playback in Tape or Phono for the track which you want to record to USB.
5. After the recording is finished, press the "Stop" button (12) once to terminate the recording and the LCD display will return to "Tape" or "Phono" mode.

C) DAB/FM encoding

1. Plug in the USB pen drive for recording (make sure it has enough empty space).
2. During DAB or FM playback mode, press the "Record" button (7) twice until the LCD display flashes "REC USB" meaning the system has started the encoding.
3. After the recording is finished, press the "Stop" button (12) once to terminate the recording

Remark:-

- The recording speed is 1:1 and according to the actual playing time of the Phono or Tape
- During CD recording, the recording process is on 1:1 scale and the unit will playback the song(s) during recording.
- MP3 disc recording is a copying process and the MP3 file will not playback the songs.
- The system will create a "RIP" folder for encoding from CD ; "FROMCD" folder for encoding from CD-MP3 disc ; "REC" folder for encoding from Phono/cassette/radio.
- The recording format is preset at – MP3 bit rate : 128 kbps, sampling rate : 44.1khz
- No song title will be recorded during encoding mode
- To interrupt the recording, press the "Stop" button again during record mode.
- **Encoding CD or MP3 file to USB will be successful only if the entire song is being encoded or copied. If the encoding or copying process is interrupted nothing will be recorded or stored to the USB**

File delete at USB (by remote control)

The system is able to erase files stored on the USB pen drive as follows:-

A) Single file delete

1. Select at "USB" mode.
2. Press the "Delete" button on the remote control and the LCD display will show (DEL -T001).
3. Press skip forward ►► or skip backward ◀◀ button to select the file you wish to delete.
4. Press the "Delete" button to enter "YES / NO " mode and then press Skip forward ►► or Skip backward◀◀ to select "YES" or "NO".
5. Press the "Delete "button again to confirm the setting.

B) All files delete

1. Select at "USB" mode.
2. Press and hold the "Delete" button on the remote control for 2-3 seconds and the LCD display will show (DEL - A)

3. Press the "Delete" button again to enter "YES/NO" mode and then press Skip forward **▶▶** or Skip backward **◀◀** to select "YES" or "NO".
4. Press the "Delete" button again to confirm the setting.

Remark :

- All files on the USB storage media or SD card will be deleted completely after confirming to "Yes" mode.
- Press "Stop" button once at remote handset to quit delete mode

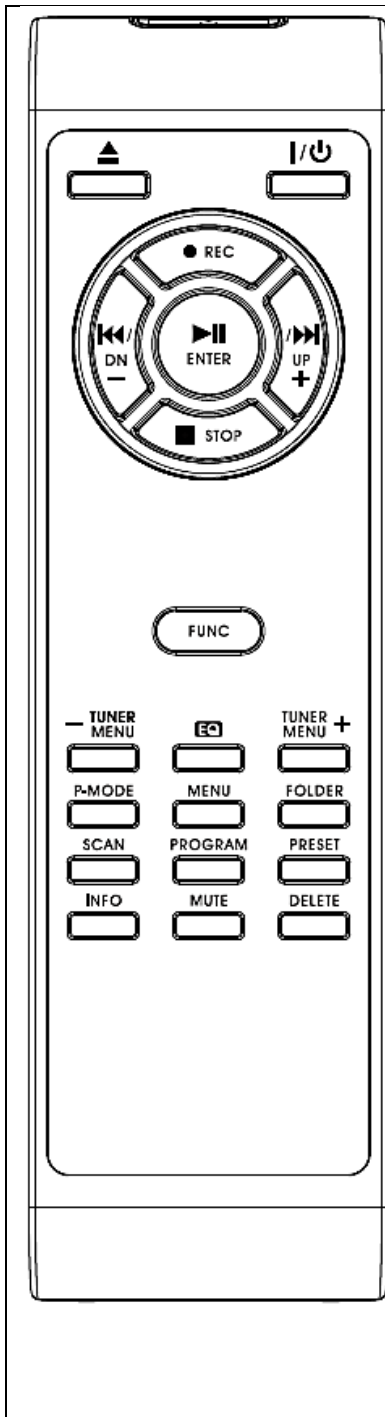
Removing of USB

To remove the USB, turn off the power or switch the function mode to either CD, Tape or Tuner first. Then unplug it by pulling out the USB socket directly.

Remote control transmitter

Battery installation (battery not provided)

The infra-red transmitter requires 2 pcs AAA size battery for operation



⏻ Power On/Off	Press to turn on/off the unit.
▲ CD door open / close button	In CD mode, press to open / close the CD door.
Record ●	Press to active encoding or recording function.
Skip/search up ►►	Press once to skip to next track, press and hold for search forward.
Skip/search down ◄◄	Press once to skip to previous track, press and hold for search backward.
Stop ■	In CD/USB mode, press to stop playback or cancel the stored program or stop recording.
Play/pause ► / Enter	In CD/USB mode, press once to start playback. Press again to enter pause mode. In FM mode, press to select mono/auto FM mode.
Function (Func)	Press to select the function mode.
Tuner/Menu + or -	In radio preset, press to store selected station.
EQ	Press to select different sound effect.
P-Mode	Play mode, in CD/USB mode, press to activate repeat / random function
Menu	In DAB playing mode, press to enter language setting.
Folder	During playback of MP3 file, press "folder" button on the remote to go to upper folder.
Scan	In DAB/FM mode, press to auto-search the next available DAB station forward, or press and hold the "scan" button for 2-3 seconds to auto-search the station backward.
Program	In CD/USB mode, press to activate programming function.
Preset	In DAB/FM mode, press to activate radio preset function.
Info	In MP3 playback mode, press to activate ID3 function
Mute	To turn off the sound output temporarily.
Delete	In USB mode, press to delete single or all files.

WARNINGS AND SAFETY INSTRUCTIONS:

WHEN USING ELECTRICAL APPLIANCES, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED:

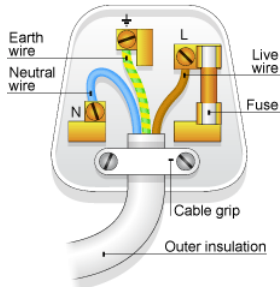
- READ ALL INSTRUCTIONS BEFORE USE.
- FOR DOMESTIC INDOOR USE ONLY.
- DO NOT USE OUTDOORS OR FOR COMMERCIAL USE.
- BEFORE USE, CHECK THOROUGHLY FOR ANY DEFECTS AND DO NOT USE IF DEFECTS ARE FOUND. TAKE CARE NOT TO DROP THE APPLIANCE AS HEAVY IMPACTS MAY CAUSE INTERNAL DAMAGE.
- BEFORE CONNECTING THE APPLIANCE, CHECK IF THE VOLTAGE INDICATED ON THE BOTTOM OF THE APPLIANCE IS IN ACCORDANCE WITH THE MAINS VOLTAGE IN YOUR HOME.
- CHECK THE APPLIANCE AND POWER CABLE CAREFULLY FOR DAMAGE BEFORE EACH USE.
- THIS APPLIANCE CAN BE USED BY CHILDREN AGED FROM 8 YEARS AND ABOVE AND PERSONS WITH REDUCED PHYSICAL, SENSORY OR MENTAL CAPABILITIES OR LACK OF EXPERIENCE AND KNOWLEDGE IF THEY HAVE BEEN GIVEN SUPERVISION OR INSTRUCTION CONCERNING USE OF THE APPLIANCE IN A SAFE WAY AND UNDERSTAND THE HAZARDS INVOLVED. CHILDREN SHALL NOT PLAY WITH THE APPLIANCE. CLEANING AND USER MAINTENANCE SHALL NOT BE MADE BY CHILDREN WITHOUT SUPERVISION.
- CHILDREN OF LESS THAN 3 YEARS SHOULD BE KEPT AWAY UNLESS CONTINUOUSLY SUPERVISED.
- THE USE OF ANY ACCESSORY ATTACHMENTS NOT RECOMMENDED BY COOPERS OF STORTFORD MAY CAUSE INJURIES AND INVALIDATE ANY WARRANTY YOU MAY HAVE.
- DO NOT LET THE POWER CABLE HANG OVER THE EDGE OF A TABLE OR COUNTER, OR TOUCH HOT SURFACES.
- DO NOT PLACE ON OR NEAR HEAT SOURCES.
- USE ON A LEVEL, STABLE SURFACE.
- DO NOT COVER THE ITEM IN ANY WAY WHEN IN USE AS THIS MAY CAUSE OVERHEATING.
- DO NOT USE THIS APPLIANCE FOR ANY OTHER USE THAN THE INTENDED USE IT IS DESIGNED FOR.
- ENSURE THERE IS SUFFICIENT DISTANCE BETWEEN THIS APPLIANCE AND OTHER ITEMS ON THE WORK SURFACE OR WORK STATION, OR SUFFICIENT DISTANCE BETWEEN THE APPLIANCE AND THE CONFINES OF THE AREA IN WHICH IT IS SITUATED. WE RECOMMEND A MINIMUM CLEARANCE AROUND ALL FACES OF AT LEAST 10CM.
- TO PROTECT AGAINST ELECTRIC SHOCK, DO NOT IMMERSE POWER CABLE, PLUG OR APPLIANCE, IN WATER OR ANY OTHER LIQUID.
- UNPLUG FROM OUTLET WHEN NOT IN USE AND BEFORE CLEANING.
- DO NOT OPERATE ANY APPLIANCE WITH A DAMAGED POWER CABLE OR PLUG OR AFTER THE APPLIANCE MALFUNCTIONS, OR HAS BEEN DAMAGED IN ANY MANNER. WE RECOMMEND THAT THE POWER CABLE IS NOT KINKED OR STORED IN A TWISTED MANNER, AND THAT YOU REGULARLY CHECK ITS CONDITION.
- ANY REPAIRS MUST BE CONDUCTED BY A QUALIFIED ELECTRICIAN OR ELECTRICAL SERVICE AGENT.

PLUG WIRING (UK & IRELAND)

This appliance is fitted with a BS 1363 13-amp plug. If you have to replace the fuse, only those that are ASTA or BSI approved to BS1362 and with a rated current of 13-amps should be used. If there is a fuse cover fitted, this cover must be re-fitted after changing the fuse. If the fuse cover is lost or damaged the plug must not be used. Spare fuse holders and fuses are available from electrical outlets. If the socket outlets in your home or office are not suitable for this product's plug, the plug must be removed and disposed of safely. Attempts to insert the plug into the wrong socket is likely to cause electric hazard. A replacement plug should be wired according to the following instructions:

The cable

A mains electricity cable contains two or three inner wires. Each has a core of copper and an outer layer of flexible plastic. This product is double insulated; the wires in the plug are colour coded in the following way:



The diagram shows the key features of a correctly wired three-pin mains plug.

BLUE	NEUTRAL
BROWN	LIVE
GREEN & YELLOW	EARTH

Note:

Double insulated appliances do not need the green & yellow Earth wire. They may only have the Brown and Blue wires.

CARE AND CLEANING INSTRUCTIONS

- Wipe surfaces with a soft dry cloth.

DISPOSAL

- Dispose of all packaging, paper, cartons, plastic and plastic bags in accordance with your local recycling regulations.
- At the end of the product's lifespan please dispose of it at an authorised household WEEE waste recycling centre.

