BUSH

PRODUCT GUARANTEE

This product is guaranteed against manufacturing defects for a period of

1 Year

This product is guaranteed for twelve months from the date of original purchase. Any defect that arises due to faulty materials or workmanship will either be replaced, refunded or repaired free of charge where possible during this period by the dealer from whom you purchased the unit.

The guarantee is subject to the following provisions:
- The guarantee does not cover accidental damage, misuse, cabinet parts, knobs or consumable items.
- The product must be correctly installed and operated in accordance with the instructions contained in this manual.
- It must be used solely for domestic purpose.
- The guarantee will be rendered invalided if the product is re-sold or has been damaged by inexpert repair.
- Specifications are subject to change without notice.
- The manufacturer disclaims any liability for the incidental or consequential damages.
- The guarantee is in addition to, and does not diminish your statutory or legal rights.

Guarantor: Argos Ltd
489 - 499 Avebury Boulevard
Central Milton Keynes
MK9 2NW

BUSH Instruction Manual
NE-8270

Table of content

safety precautions

To achieve the utmost in enjoyment and performance, please read this manual carefully before attempting to operate the unit in order to become familiar with its features, and assure you years of faithful, trouble free performance and listening pleasure.

Important Notes

This safety and operating instruction should be retained for future reference.
The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on apparatus. Avoid installing the unit in locations described below:
*   - Places exposed to direct sunlight or close to heat radiating appliances such as electric heaters, on top of other stereo equipment that radiate too much heat.
*   - Places blocking ventilation or dusty places.
*   - Places subject to constant vibration, humid or moist places.
No naked flame sources such as lighted candles should be placed on the unit.
Attention should be drawn to the environmental aspects of battery disposal.
Make sure not to obstruct the ventilation openings, a minimum of 10cm should be kept around the apparatus for ventilation.The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains, etc.Use apparatus in moderate climates only.
Operate tuning controls and switches as instructed in the manual.
Before turning on the power for the first time, make sure the power cord is properly installed.
The mains plug is used as the disconnect device and it must remain readily operable. To completely disconnect the power input, the mains plug of the apparatus must be disconnected from the mains.
The normal function of the product may be disturbed by Strong Electro Magnetic Interference.
If so, simply reset the product toresume normal operation by following the instruction manual.
In case the function could not resume, please use the product inother location.
Do not attempt to remove any screws, or open the casing of the unit ; there are no user serviceable part inside, refer all servicing to qualified service personnel.

CAUTION
RISK OF ELECTRIC SHOCK

CAUTION:TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER(OR BACK), NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

DANGEROUS VOLTAGE
Conductor dangerous voltage, that may be of sufficient magnitude to constitute a risk of electric shock to persons is resent within this product's enclosure.
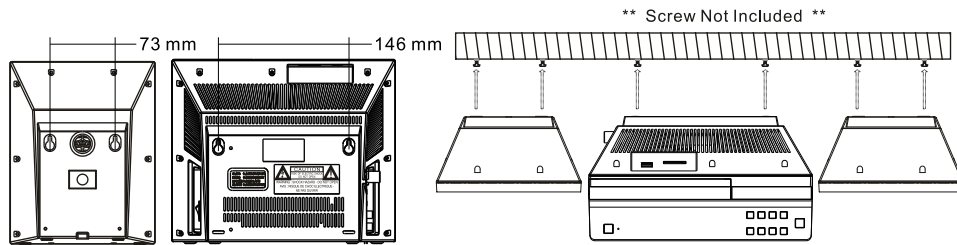
ATTENTION
The owner's manual contains important operating and maintenance instructions, for your safety, it is necessary to refer to the manual.

WARNING :TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO DRIPPING OR SPLASHING.

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. This unit includes micro-processors which may malfunction as a result of external electrical interference/ noise or electrostatic discharge. If the unit is not working properly, disconnect the power source and then reconnect it. Excessive sound pressure from earphones and headphones can cause hearing loss.
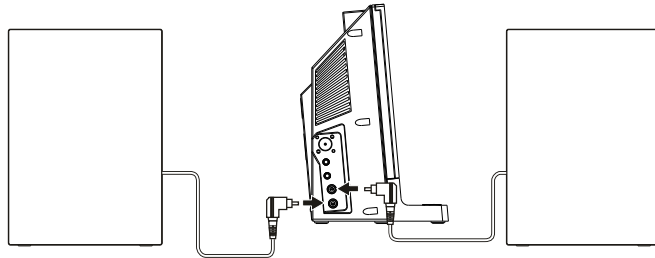
Assembly Drawing of Unit

1. fixing the board for wall mounting

** Screw Not Included **
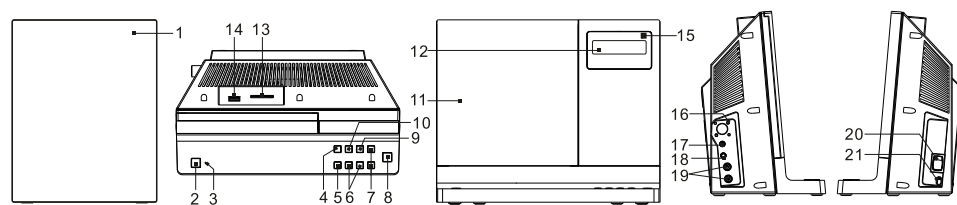
73 mm   146 mm

Parallel the two nails that fix into the wall, the distance of them should keep in (73/146)mm.
Note : The size of the nail : 3.5*25BA.
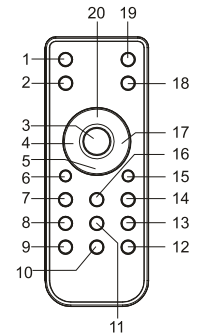
2. Speakers connection

FEATURES AND CONTROLS

1. SPEAKER
2. STANDBY/ON BUTTON
3. STANDBY LED INDICATOR
4. MODE BUTTON
5. MEMORY BUTTON
6. SKIP/TUNE SEARCH UP or DOWN BUTTON
7. VOLUME "+" or "-" BUTTON

8. CD OPEN/CLOSE BUTTON
9. STOP/MENU BUTTON
10. PLAY/PAUSE BUTTON
11. CD DOOR
12. LCD DISPLAY WINDOW
14. USB DEVICE IN PORT
15. IR SENSOR

16. FM ANTENNA
17. LINE IN JACK
18. HEADPHONES JACK
19. SPEAKER OUT (L & R) JACK
20. AC POWER SWITCH
21. AC POWER CORD

REMOTE CONTROL

1. STANDBY/ON BUTTON
2. MODE BUTTON
3. MEMORY BUTTON
4. SKIP/TUNE SEARCH DOWN BUTTON
5. STOP BUTTON
6. PRESET/FOLDER/ARROW DOWN BUTTON
7. REPEAT BUTTON
8. EQ BUTTON
9. MUTE BUTTON
10. VOLUME "-" BUTTON
11. INTRO BUTTON

12. VOLUME "+" BUTTON
13. SLEEP BUTTON
14. TIMER BUTTON
15. PRESET/FOLDER/ARROW UP BUTTON
16. RANDOM BUTTON
17. SKIP/TUNE SEARCH UP BUTTON
18. ID3/MONO/ST. BUTTON
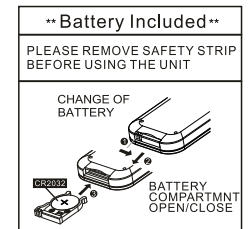19. CD OPEN/CLOSE BUTTON
20. PLAY/PAUSE BUTTON

PUTTING THE BATTERIES INTO THE REMOTE CONTROL UNIT

Press down on the compartment cover, and slide the cover off to open the compartment. Place the one CR2032 battery in the remote control according to the polarity markings ("+" and "-") inside the compartment and on the battery.
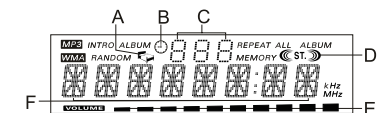Place the cover into the compartment, press down lightly, and push it inside until it snaps on.

Note: If the remote control is not in use for long periods, the battery will become weak and the remote control will not function, please replace with a new one if the above happens.

** Battery Included **

PLEASE REMOVE SAFETY STRIP BEFORE USING THE UNIT

CHANGE OF BATTERY

CR2032

BATTERY COMPARTMNT OPEN/CLOSE

LCD DISPLAY WINDOW

A. SLEEP INDICATOR
B. TIMER INDICATOR
C. ALBUM/RADIO MEMORY NUMBER INDICATOR
D. STEREO INDICATOR
E. VOLUME HIGH/LOW INDICATOR
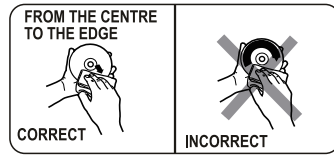F. TRACK/NUMBER/TIME INDICATOR

COMPACT DISC

1. Always use a compact discs bearing the mark as shown.
2. Notes on handling discs
   Removing the disc from its storage case and loading it.
   * 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 center to the edge.
   * 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.

FROM THE CENTRE TO THE EDGE
CORRECT   INCORRECT

OPERATING THE UNIT

When you first plug the unit into the AC outlet, then press the power switch on the bottom of the unit, the unit will be in standby mode, the black light of standby is red. You can now press the STANDBY/ON button on the unit or on the remote control to switch the unit ON. The black light of the multi function display will light on blue.
Pull the AC plug out of the wall socket if you want to switch off completely.

POWER/STANDBY

1. Press the STANDBY/ON button on the unit or on the remote control to switch the unit on.
2. Select the sound source (CD, USB, CARD, BT, AUX or TUNER) by pressing the MODE button. The corresponding display will light up.
3. Adjust the volume with the VOLUME (+ or -) button on the unit or VOLUME (+ or -) button on the remote control.
4. Press the STANDBY/ON button again to turn off the unit.

Note:
1. If there is no signal under the CD/USB DEVICES/ SD CARD mode, the main unit will be switched off within 15 minutes automatically.
2. During in standby mode, press any button/key can make the display light for 10 seconds.
3. Please turn the main switch off to save energy, when you do not use the unit.

CLOCK SETTING

During in the STANDBY mode.
1. Press and hold the MEMORY button until the time displays will change to 12-hour(or 24-hour) digit and flash.
2. Press the SKIP/TUNE SEARCH(UP or DOWN) button to adjust 12-hour or 24-hour digit.
3. Press the MEMORY button again, the HOUR digit will flash on the display, press the SKIP/TUNE SEARCH (UP or DOWN) button to adjust HOUR digit.
4. Press the MEMORY button once more, the MINUTE digit will flash on the display, press the SKIP/TUNE SEARCH (UP or DOWN) button to adjust MINUTE digit.
5. Press the MEMORY button again to confirm the time.
6. Each enable state as shown above will be cleared if the key is not pushed in10 seconds.
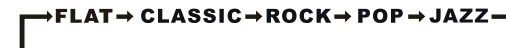
TIMER SETTING(on the remote control)

During in the STANDBY OFF/ON mode.
1. After adjusting clock, press the TIMER button for a few seconds, " ⊕ ON" and "00:00" appears on the display and the HOUR digit flashes.
2. Press the SKIP/TUNE SEARCH(UP or DOWN) button to adjust it.
3. Press the TIMER button again, the MINUTE digit will start flashing, adjust it by pressing the SKIP/TUNE SEARCH (UP or DOWN) button.
4. Press the TIMER button once more to confirm and order TIMER ON time.
5. After adjusting "TIMER ON", " ⊕ OFF" appears on the display and the HOUR digit flashes.
6. Repeat the above steps 2 to 3, and then press the TIMER button once more to confirm and order TIMER OFF time.
7. Now the "TUNER" appears on the display with flashing, adjust "TUNER, CD, USB, CARD " by pressing the SKIP/TUNE SEARCH(UP or DOWN) button.
8. Press the TIMER button again, the timer "VOL-13" indicator appears on the display and flashes, adjust the timer volume high or low by pressing the SKIP/TUNE SEARCH(UP or DOWN) button.
9. Each enable state as shown above will be cleared if the button is not pushed in 10 seconds.
10. After adjusting "TIMER ON" and "TIMER OFF", press the TIMER button, " ⊕ " appears on the display.
11. The unit will be switched on automatically at "TIMER ON" order and start playing, the unit will be switched off automatically at "TIMER OFF" order.

Note: If the display shows "ERROR" while you set the "TIMER ON", it means both "TIMER ON" and "TIMER OFF" is the same. In this case, please go to "TIMER OFF" to set the off time first.

EQ CONTROL(on the remote control)

EQ shows the present sound tone. When you press the EQ button , the sound tone changes as below:

FLAT ➔ CLASSIC ➔ ROCK ➔ POP ➔ JAZZ

TO SET SLEEP FUNCTION(on the remote control)

1. If you want to fall asleep to music, press the SLEEP button .
2. You may select the TUNER, CD/MP3, USB, CARD, BT or AUX mode in sleep function to play from 90, 80, 70 up to10 minutes of music before shutting itself off automatically.

90 ➔ 80 ➔ 70 ➔ 60 ➔ 50 ➔ 40 ➔ 30 ➔ 20 ➔ 10
NORMAL

MODE SELECT

The function is that when it presses the MODE button the mode is changed. Display changes as below:

CD ➔ USB ➔ CARD ➔ BT ➔ AUX
TUNER

RADIO OPERATION

1. Press the MODE button on the main unit (or remote control) to select the TUNER mode that to select the FM operation.
2. Select the desired frequency with the SKIP/TUNE SEARCH(UP or DOWN) button on the main unit (or remote control).

Mono/Stereo Select

This unit can receive the FM mode only.
1. When you want to select FM stereo station, press the ID3/MONO/ST. button on the remote control once only. The " " indicator will appear on the display that the reception is at its best.
2. When you press the ID3/MONO/ST. button once again, the FM STEREO indicator will turn off & switch to MONO FM status.

Automatic Tuning

1. Press the SKIP/TUNE SEARCH (UP or DOWN) button for a few seconds, then release the button. The tuner will automatically search the first station of sufficient signal strength.
2. Repeat above procedure if you wish to select another station.

Programming preset stations

You can also preset stations of your choice and store up to 30 FM stations in its memory.
1. Tune to the required station.
2. Press the MEMORY button.
3. Press the PRESET/FOLDER (UP or DOWN) button for your desired station number.
4. Press the MEMORY button again to confirm your selection.
5. To program more stations into memory, repeat the above steps 2 to 4.
6. To change the stored preset stations, repeat the above steps 2 to 4.

Notes:

1. Storing a new station into a preset location will erase the previously stored station in that location.
2. Power off will not erase the memory of preset stations. Perform the stations presetting procedures again to store the stations.
3. During the unit in STANDBY mode, press and hold the PLAY/PAUSE button to erase all preset memory.

Selecting the Preset Stations

1. Press the PRESET/FOLDER (UP or DOWN) button to select the desired preset station number.
2. The numeric location of that preset station is displayed along with the corresponding frequency.

FM Antenna

Extend the FM antenna for better FM reception.

CD/MP3/WMA OPERATION

Listening To Compact Disc (CD/MP3/WMA)

1. Press the MODE button on the unit to select the CD mode.
2. Press the CD OPEN/CLOSE button on the main unit (or remote control), and then the CD door will open automatically.
3. Insert the CD/MP3 disc into the CD compartment, press the OPEN/CLOSE button again to close the CD door. The main unit will read the CD/MP3 disc automatically.

NOTE:

(1) This unit can play CD, CD-R, CD-RW, MP3 and WMA discs.
(2) It can read " 8 cm " and " Multi Section " MP3 DISC.
(3) The "Playback Transfer Rate" in MP3 and WMA. (a). In MP3, transfer bit rate : 8 - 256 kbps. (b). In WMA, transfer bit rate : 8 - 192kbps.
(4) The "Max Readable 99 folders and 999 tracks".
(5) If no disc or can`t read TOC, NO DISC will be displayed.

Playing The Entire CD/MP3/WMA

- CD

1. Insert the CD disc into the CD compartment, the main unit will automatically read the total number of the folders and tracks at the same time. Then the unit will play the first track of the CD disc automatically.
2. Press the PLAY/PAUSE button once again, the time elapsed indicator will flash.
3. Press SKIP/TUNE SEARCH(UP or DOWN) button once to change Track NO., press and hold the SKIP/TUNE SEARCH (UP or DOWN) button once to skip fast forward or backward of each song.
4. To resume playback, press the PLAY/PAUSE button once more again.
5. To stop playback, press the STOP button once on the unit (or remote control).

- MP3/WMA

1. Insert the MP3/WMA disc into the CD compartment, the main unit will automatically read the total number of the folders and tracks at the same time. Then the unit will play the first track of the MP3/WMA disc automatically.
2. Press the PLAY/PAUSE button once again, the time elapsed indicator will flash.
3. To change Track NO., Press SKIP/TUNE SEARCH(UP or DOWN) button once. Press and hold the SKIP/TUNE SEARCH (UP or DOWN) button once to skip fast forward or backward of each song.
4. To resume playback, press the PLAY/PAUSE button once more again.
5. To change the ALBUM NO., press the PRESET/FOLDER (UP or DOWN) button once.
6. To stop playback, press the STOP button once on the unit (or remote control).

Note: If the main unit is not working properly, disconnect the power source and then reconnect it again

ID3 OPERATION

During in the MP3/WMA mode

1. Press the ID3/MONO/ST. button once to open the ID3 function.
2. If the MP3/WMA file is written "ID3", it will automatically search the information of "TITLE NAME", "ARTIST NAME" and "ALBUM NAME" indicated on the display .
3. Press the ID3/MONO/ST. button again. Then the unit will resume to play normally.

TITLE NAME➡ARTIST NAME➡ALBUM NAME
CURRENT TIME

USB/SD CARD OPERATION

During in the STANDBY mode
1. Insert the USB DEVICE or SD CARD.
2. Press the MODE button on the main unit (or remote control) to select the USB or CARD mode. The main unit will automatically read the total number of the folders and tracks at the same time. Then playback starts with the first track. The display shows the current track number and its elapsed time.
3. If the USB memory device more than one folder.
a. Press the PRESET/FOLDER (UP or DOWN) button to select each folder.
b. Press the SKIP/TUNE SEARCH(UP or DOWN) button to select current track in desired folder.
4. If the MP3 and WMA are written in "ID3".
a. During the unit in the MP3 or WMA playing. Press the ID3/MONO/ST. button once. The display will show a "ID3 ON", and then it will automatically search more than 64 letters for "TITLE NAME", "ARTIST NAME" or "ALBUM NAME" which move from the right corner to the left corner on the display continuously.
b. Press the ID3/MONO/ST. button once again. The display will show a "ID3 OFF", and then the main unit will play normally.

Note:
1. The main unit can play MP3 and WMA only in this mode.
2. This unit can support most of USB devices and SD/SDHC cards (up-to 32GB memory capacity for SDHC). It cannot access (or, need longer time to access) those devices with big memory capacity.
3. It can support USB version 1.1 and 2.0.
4. The main unit does not support the WMA file which is protected "DRM FILE".

Playing The Entire flash disc
1. To interrupt playback, press the PLAY/PAUSE button. The time elapsed indicator will flash.
2. To resume playback, press the PLAY/PAUSE button again.
3. To stop playback, press the STOP button.

Note : In any time, the USB DEVICE or SD CARD must be fixed well under in the STANDBY mode to avoid the main unit and USB DEVICE or SD CARD were damaged.

REPEAT PLAY(on the remote control)

- **CD**
1. Press the REPEAT button once , REPEAT is displayed. The main unit will play the current track repeatedly.
2. Press the REPEAT button twice, REPEAT ALL is displayed. The main unit will play all tracks repeatedly.
3. Press the REPEAT button thrice, REPEAT function will be off.

- **MP3/WMA**
1. Press the REPEAT button once , then REPEAT is displayed. It will play the current track repeatedly.
2. Press the REPEAT button twice, REPEAT ALL is displayed. It will play all tracks repeatedly.
3. Press the REPEAT button thrice, then REPEAT ALBUM is displayed. It will play repeatedly the current album.
4. Press the REPEAT button four times, then REPEAT function will be off.

RANDOM PLAY(on the remote control)

1. Press the RANDOM button once , and then RANDOM is displayed.
2. Press the RANDOM button once again, and then resume to normally play.

INTRO PLAY(on the remote control)

1. Press the INTRO button once, and then INTRO is displayed. The main unit will play the first 10 seconds of each track.
2. Press the INTRO button twice, and then resume to normal play.

PROGRAM MODE

User can make the program up to 32 tracks in CD mode or 64 tracks in MP3/WMA/USB/SD CARD mode in any desired order. Program mode is activated while in stop mode.

1. How to play the program

- **CD**
1) Press the MEMORY button, shift to PROGRAM mode.(F1)
2) Press the SKIP/TUNER SEARCH(UP or DOWN) button, the track number will be changed.
3) Press the MEMORY button to confirm the track number.

- **MP3/WMA/USB/SD CARD**
1) Press the MEMORY button, shift to PROGRAM mode. The album number is flashing. (F2)
2) Press the PRESET/FOLDER (UP or DOWN) button, the album number will be changed.
3) Press the MEMORY button , the track number is flashing.(F3)
4) Press the SKIP/TUNER SEARCH button, the track number will be changed.
5) Press the MEMORY button to confirm the track number.

2. PROGRAM PLAY
Press the PLAY/PAUSE button on the unit (or remote control), it will be play starting with the first track of the program. When all tracks have been played, the unit display will show the number of tracks and the playing time of the CD/MP3/WMA tracks.
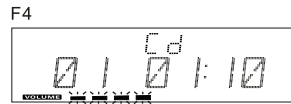
2. Press the VOLUME (+ or -) button to adjust the sound output level.

Note:
1. LINE in cable not included.
2. During in Aux mode, whether there is signal or not, the main unit will be switched to Standby mode automatically after 4 hours which convert to Aux mode start the timer. In the 10 minutes before the unit switched to Standby mode, the display will show "Auto OFF" and flash. Press the "INTRO" button to resume playback, time for 4 hours again.

MUTE SETTING(on the remote control)

1. When you press the MUTE button once on the remote control, the volume level will flash and the audio output will be temporarily terminated.(F4)
2. Press the MUTE button again, the volume level and the audio output will return to normal.

F4

    Cd
 01 01:10
VOLUME

LISTEN TO THE MUSIC BY USING HEADPHONE

Plug your headphones (3.5mm mini-stereo plug) into the headphones jack on the left penal of the unit. The sound will be heard through the headphones, not the speaker.

SPECIFICATION

POWER SUPPLY :   AC 230-240V~50Hz
OUTPUT POWER :   5 Watts x 2
USB PORT CHARGING: 5V 500mA
UNIT DIMENSION :   250 (W) x 139 (D) x 204 (H) mm
SPEAKER BOX DIMENSION :   162 (W) x 81.5 (D) x 204 (H) mm
N. W. :   2.43 kg

RADIO SECTION
FREQUENCY RANGE :   FM   87.5 - 108 MHz

COMPACT DISC SECTION
OPTICAL PICKUP :   3 - BEAM LASER
FREQUENCY RESPONSE :   100Hz - 16kHz