

IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before use and keep for future reference.

CHILDREN

- Children do not always understand the dangers associated with operating electrical appliances. Never allow children to use this appliance.

POWER SUPPLY

- If the unit uses a mains supply, ensure that the plug is securely inserted into the mains socket, and it is easily accessible.
- Protect the power lead from sharp objects, excessive heat and damp or wet locations. Check the power lead periodically, and replace if damaged.
- If the unit uses batteries, please ensure that they are inserted correctly – observing the polarity (+/-).
- Do not mix new and used batteries.
- Please make sure the used batteries are disposed of correctly. Do not burn or incinerate.
- Batteries shall not be exposed to excessive heat such as sunlight, fire or the like.
- Check that the voltage on the rating plate of your product corresponds with your local electricity supply which must be A.C. (Alternating Current).
- If the mains sockets in your home are not suitable for the plug supplied with this product, check with a qualified electrician for replacement.

DO NOT OVERHEAT

- Do not use in environments which are extremely hot, cool, dusty or humid.
- Keep the unit free from dust and clean with a dry cloth.
- Do not use in areas exposed to direct sunlight or where it can become extremely hot.
- Keep away from sources of strong magnetism – such as televisions or speakers.
- Avoid placement where there is a lot of movement, vibration or on an unstable surface.

FOR SAFETY

- Attempt to disassemble this unit or carry out repairs.
- Attempt to modify this unit in any way.
- Make sure that surge protectors do not plug directly into the unit.
- Place related items nearby – such as wires, or near the unit.
- Phone repairs must be carried out by a fully qualified electrician or an authorized service agent.
- Cover the unit when the unit is not in use.
- Drop the unit or subject it to strong shocks.

BUSH BIG LED ALARM CLOCK RADIO | Instruction Manual 1

IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before use and keep for future reference.

CHILDREN

- Children do not always understand the dangers associated with operating electrical appliances. Never allow children to use this appliance.

POWER SUPPLY

- If the unit uses a mains supply, ensure that the plug is securely inserted into the mains socket, and it is easily accessible.
- Protect the power lead from sharp objects, excessive heat and damp or wet locations. Check the power lead periodically, and replace if damaged.
- If the unit uses batteries, please ensure that they are inserted correctly – observing the polarity (+/-).
- Do not mix new and used batteries.
- Please make sure the used batteries are disposed of correctly. Do not burn or incinerate.
- Batteries shall not be exposed to excessive heat such as sunlight, fire or the like.
- Check that the voltage on the rating plate of your product corresponds with your local electricity supply which must be A.C. (Alternating Current).
- If the mains sockets in your home are not suitable for the plug supplied with this product, check with a qualified electrician or an authorized service agent.
- The socket outlet shall be installed near the equipment and shall be easily accessible.

HEARING WITH SPEAKER

- Listen of moderate volume to avoid hearing damage.
- If you hear no sound during playback, do not turn the volume up as the music may suddenly begin at a high volume.
- To avoid damaging your ears, adjust the volume to the lowest level before playback, and turn up to the desired level when playback has begun.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). THERE ARE NO USER-SERVICEABLE PARTS INSIDE. REPAIR SERVING TO QUALIFIED SERVICE PERSONNEL.

BUSH BIG LED ALARM CLOCK RADIO | Instruction Manual 2

CONTENT

Know Your Machine 4

Getting Started 5

Operation 6

Radio Operation 6

Presetting your favourite station 7

Tuning to a preset station 8

Time setting 9

Dual alarm function 9

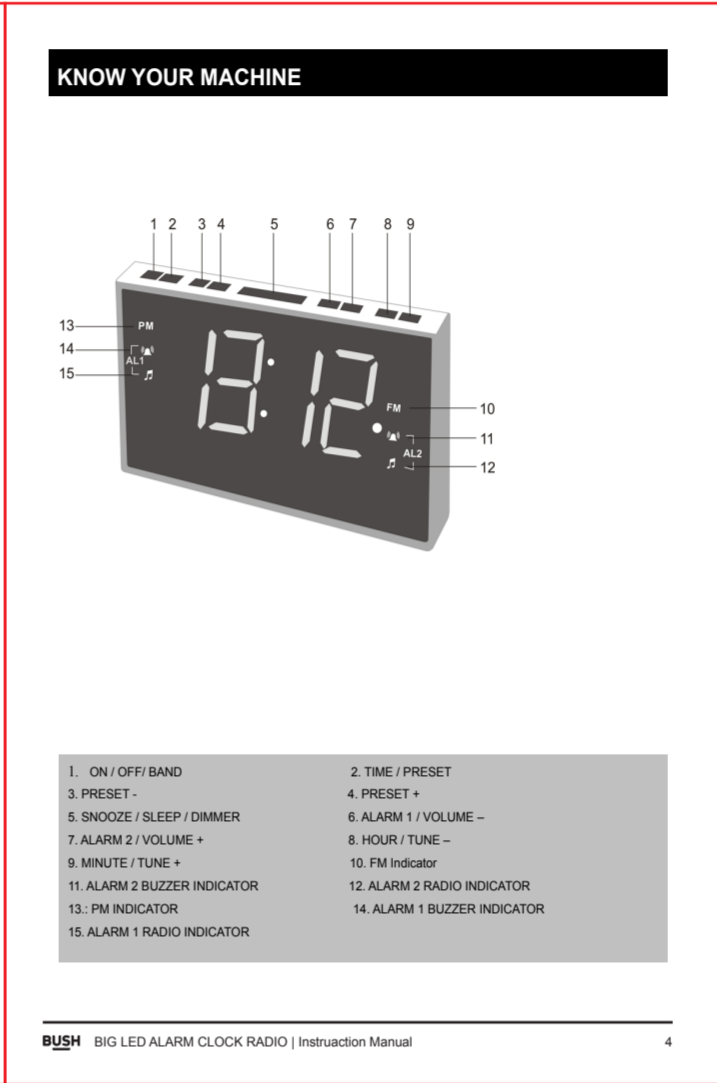
Alarm setting 10

Snooze setting 12

Setting the sleep timer 12

High/Low Volume for Led Display 13

BUSH BIG LED ALARM CLOCK RADIO | Instruction Manual 3



GETTING STARTED

POWER SOURCE

TO USE AC HOUSE CURRENT

- Check carefully that the voltage indicated on your set corresponds to the voltage of your local area.
- Plug the AC cord into the standard household electrical socket.

BATTERY BACKUP

This unit has a backup battery facility, which provides power in the event of a power cut.

- Remove battery door.
- Insert 2 new AAA size batteries (not included) with the correct polarity.
- Slide the battery door.

If there is a power failure, the time setting, alarm setting and all the memory setting will maintain due to the DC power supply by the battery. The LED display will not be illuminated to save power. After AC power resumes, the unit can function properly immediately according to the setting before the power failure.

Note: When you are not going to use the unit for a long period of time, disconnect the AC power cord from AC outlet and remove the battery.

BUSH BIG LED ALARM CLOCK RADIO | Instruction Manual 5

OPERATION

RADIO OPERATION

- Press the ON/OFF BAND button (1) once to turn on the radio. The radio will receive in FM band with the FM indicator (10) turned on and the LED (4) showing the frequency (Fig. 1).
- Press the ON/OFF BAND button (1) once again to alternate the radio band that the radio is receiving. No indicator will be turned on in case AM band is chosen. After 3 seconds, the LED will change back to show the time (Fig. 2).
- Press HOURS/TUNE +/- or MINUTE/TUNE +/- to turn into the desired station by either of the following methods (Fig. 3):
 - Manual Search:** Press either of the 2 tuning buttons, HOURS/TUNE +/- or MINUTE/TUNE +/-, repeatedly until the desired station is reached.
 - For AM setting:** the radio can tune starting from 520 kHz to 1620 kHz, each pressing of HOURS/TUNE button (5) can tune down by 1 MHz and each pressing MINUTE/TUNE +/- button (9) can tune up by 100 kHz.
 - For FM setting:** the radio can tune starting from 87.5 MHz to 108 MHz, each pressing of HOURS/TUNE button (5) can tune down by 0.1 MHz and each pressing of MINUTE/TUNE +/- button (9) can tune up by 0.1 MHz.
- Auto Store:** Press and hold either of the 2 tuning buttons, HOURS/TUNE +/- button (5) or MINUTE/TUNE +/- button (9) for more than 2 seconds and auto storing will be performed. Tuning will stop automatically until a clear radio signal is found. Repeat the same procedure by using the same button until your desired station is found. To stop auto tuning, press any button once.

Note: In some area where the radio signal is not strong enough, the auto tuning process may not be able to

BUSH BIG LED ALARM CLOCK RADIO | Instruction Manual 6

OPERATION

Stop automatically in the desired station. In such case, please use the Manual Tuning method to tune to the desired station according to instruction above. This may happen more probably when tuning the radio in AM band.

- Press ALARM 2 VOLUME button (7) or ALARM 1 VOLUME button (6) to increase or decrease the volume to the desired level. The volume level ranges from 0 to 10, and the LED will show the volume level during volume adjustment (Fig. 4).
- Press and hold the ON/OFF BAND button (1) to turn off the radio (Fig. 5).

Note 1: The current station either AM or FM and also the current volume level will be remembered at the time when the radio is turned off. Once you turn on the radio again, the remembered station will broadcast with the remembered volume level.

Note 2: For the best FM reception, extend the FM antenna wire to its full length and vary the direction to receive the strongest signal. Do not connect the FM antenna wire to an outdoor antenna.

Note 3: For best reception, it is best for antenna to built, turn the unit to a direction which the reception becomes optimal.

PRESETTING YOUR FAVOURITE STATION

You can preset up to 10 stations in 10 memories for each band. These 10 memories are indicated as preset numbers P01, P02, P03, P04, P05, ... up to P10.

- During the radio operation mode, follow step 4 in "Tuning the radio" and turn the radio into the station that you wish to preset.
- Press and hold the TIME/PRESET button (2) for more than 3 seconds until the number after last memorized preset number appears and flashes (Fig. 6).

BUSH BIG LED ALARM CLOCK RADIO | Instruction Manual 7

OPERATION

- You can turn on the preset number that you want to memorize this station by pressing PRESET (2) to stop show the frequency, or by pressing PRESET 4 button to stop up the volume (Fig. 7).
- Press ALARM 2 VOLUME button (7) or ALARM 1 VOLUME button (6) to increase or decrease the volume to the desired level. The volume level ranges from 0 to 10, and the LED will show the volume level during volume adjustment (Fig. 4).
- Press and hold the ON/OFF BAND button (1) to turn off the radio (Fig. 5).

Note 1: The current station either AM or FM and also the current volume level will be remembered at the time when the radio is turned off. Once you turn on the radio again, the remembered station will broadcast with the remembered volume level.

Note 2: For the best FM reception, extend the FM antenna wire to its full length and vary the direction to receive the strongest signal. Do not connect the FM antenna wire to an outdoor antenna.

Note 3: For best reception, it is best for antenna to built, turn the unit to a direction which the reception becomes optimal.

PRESETTING BY AUTO SCANNING

This radio can automatically search all stations in each band and stored the 14 searched 10 stations into memory location. Please follow the following steps:

- Turn on the radio, and select the sound mode.
- Press the TIME/PRESET button (2) for more than 3 seconds, then the LED will change from showing the PRESET number to showing the frequency. Consequently, the radio will start scan from the currently tuning station, and store the 14 searched stations into the memory location (Fig. 10).

DUAL ALARM FUNCTION

This product allows the user to set to dual alarm

BUSH BIG LED ALARM CLOCK RADIO | Instruction Manual 8

OPERATION

operate in FM band, but all the 10 memories locations are not yet used, then the scanning will start again from the second, i.e. #2 band until all the 10 memories location are filled up.

- After the scanning is completed, the radio will be turned to the station stored in the PRESET number P01.

TUNING INTO PRESET STATION

- When the radio is on either AM or FM, press Preset button (2) or Preset button to choose the PRESET number, in which your desired station is stored (Fig. 11).
- Radio is then tuned to the stored station. The preset number will be shown for 3 seconds, then change to show the radio frequency after 3 seconds, the LED will switch to show the time again (Fig. 14).

TIME SETTING

- When the unit is in stopped (off) the radio mode, "00" will appear when the "0" LED flashing, indicating that the TIME is ready to be set.
- Press HOURS/TUNE +/- button (5) repeatedly to choose the correct HOUR (Fig. 12). In case the time is set in afternoon time, the FM indicator (12) will be turned on.
- Press HOURS/TUNE +/- button (5) repeatedly to choose the correct MINUTE (Fig. 12).
- After setting to the correct time, either press TIME/PRESET button (2) once, or just leave 5 seconds, then the display stop flashing, and the clock will start run from the set time (Fig. 13).
- Change the current time, switch off the radio, Press and hold TIME/PRESET button (2) for 2 seconds until the display flashes, then follow the same steps as point 2, 3 & 4 above to set the new time (Fig. 13).

DUAL ALARM FUNCTION

This product allows the user to set to dual alarm

BUSH BIG LED ALARM CLOCK RADIO | Instruction Manual 9

OPERATION

function. Each alarm function can be set independently, either wake to radio, or wake to buzzer. When any one of the dual alarm is wake to radio, please be reminded to select the desired band, station and volume level before turning off the radio.

ALARM SETTING

- To set the alarm time, the radio must be turned off.
- Press ALARM 1 VOLUME button (6), the LED will flash, indicating that alarm time of ALARM 1 is ready to be set with either ALARM 1 Buzzer indicator (11) or Alarm 1 Radio indicator (15) is turned on (Fig. 14).
- Press HOURS/TUNE +/- button (5) repeatedly to choose the correct HOUR. Please make sure FM indicator (12) is turned on if the set alarm time is in PM session (Fig. 15).
- Press MINUTE/TUNE +/- button (9) repeatedly to choose the correct MINUTE (Fig. 15).
- After setting the desired alarm time, either press ALARM 1 VOLUME button (6) again, or simply wait for 5 seconds, then the display will return to the current time and the set alarm time is confirmed (Fig. 17).
- Now press ALARM 1 VOLUME button (6) repeatedly to choose the alarm function ALARM 1. The status appears as following sequence (Fig. 17):
 - ALARM 1 indicator to turn on with Alarm 1 Buzzer indicator (11) is ON (Fig. 18)
 - Alarm 1 indicator to be set with Alarm 1 Radio indicator (14) is ON (Fig. 18)
 - Alarm 1 indicator to be set with Alarm 1 Buzzer indicator (11) is ON (Fig. 18)
 - Alarm 1 indicator to be set with Alarm 1 Radio indicator (14) is ON (Fig. 18)
- After the desired status is chosen, the display will change to show the current time.
- After the second status is chosen, the display will change to show the current time.

BUSH BIG LED ALARM CLOCK RADIO | Instruction Manual 10

OPERATION

- When you set the Alarm 2, just follow the above step 2 to 6 by using the ALARM 2 VOLUME (7) instead of ALARM 1 VOLUME button (6). Subsequently, the wake to buzzer status of alarm 2 will be indicated by Alarm 2 Buzzer indicator (11). The wake to radio status of alarm 2 will be indicated by Alarm 2 Radio indicator (15) (Fig. 20).

Note:

- The ALARM 1 (or 2) indicator flashes in the display when the alarm sounds.
- If a low alarm starts to sound when the earlier alarm is still on, then the later alarm takes priority.
- If a low alarm sounds when the earlier alarm is under SNOOZE period, then the later alarm takes priority and will cancel the SNOOZE function of the earlier alarm automatically.
- If the alarm time is set to both alarm 1 (or 2), the ALARM 2 takes priority.

BUSH BIG LED ALARM CLOCK RADIO | Instruction Manual 11

OPERATION

SNOOZE SETTING

Once the alarm is activated, the snooze function can be used to stop the alarm temporarily for about 9 minutes and then alarm will sound again.

- Once alarm either Alarm 1 or Alarm 2 sounds, press the SNOOZE/SLEEP/DIMMER button (5). The buzzer or radio alarm sounds will stop and will sound again after about 9 minutes. The SNOOZE function can maintain within 1 hour from the last alarm time.
- During the time when SNOOZE function is activated, the alarm indicator will flash.
- To cancel the SNOOZE function, simply press ON/OFF BAND button (1) once. You can then see the alarm indicator stop flashing, and the alarm will not sound again after the snooze period elapses (Fig. 22).

SETTING THE SLEEP TIMER

The sleep function allows the radio to play in modes of 10.0, 30, 45, 60, 90, 120, 150, 180, or 240 minutes, and then being turned off automatically. Thus, you can enjoy being asleep when listening the radio.

- Turn on the radio.
- Press the SLEEP/SNOOZE/DIMMER (5) button, then the radio is turned on with the display showing 00:00 (Fig. 19).
- Press the SLEEP/SNOOZE/DIMMER (5) button repeatedly until the display shows the desired SLEEP period. The time period is shown on the display in sequence as 00:45-07:00-00:45-00:20-00:00 (PPT) (Fig. 24).
- If 2 seconds after the desired SLEEP period is chosen, the display will change to show the radio frequency, and then the current time. The radio will play for the SLEEP time duration you have set and then be turned off automatically.

BUSH BIG LED ALARM CLOCK RADIO | Instruction Manual 12

OPERATION

HIGH/LOW DIMMER FOR LED DISPLAY

Once can adjust the brightness of the LED display to suit with requirement due to different environment. Turn the radio into sleep mode (SLEEP/SNOOZE/DIMMER) button (5) once, the LED will change to brighter or dimmer (Fig. 26).

- Press the SLEEP/SNOOZE/DIMMER (5) button again during SLEEP mode, the LED will show the remaining time of the SLEEP period, and then alarm will sound again by pressing the SLEEP/SNOOZE/DIMMER (5) button (Fig. 24).
- To turn off the radio during the SLEEP mode, simply press and hold ON/OFF BAND button (1) once and the radio will be turned off immediately (Fig. 25).

High/Low Dimmer for LED Display:

- Turn on the radio.
- Press the SLEEP/SNOOZE/DIMMER (5) button, then the radio is turned on with the display showing 00:00 (Fig. 19).
- Press the SLEEP/SNOOZE/DIMMER (5) button repeatedly until the display shows the desired SLEEP period. The time period is shown on the display in sequence as 00:45-07:00-00:45-00:20-00:00 (PPT) (Fig. 24).
- If 2 seconds after the desired SLEEP period is chosen, the display will change to show the radio frequency, and then the current time. The radio will play for the SLEEP time duration you have set and then be turned off automatically.

BUSH BIG LED ALARM CLOCK RADIO | Instruction Manual 13

TECHNICAL DATA

Power Source: 230V ~ 50 Hz
 Frequency Range: FM 87.5 ~ 108 MHz, AM 520kHz ~ 1620kHz
 Display: LED
 Power consumption: 07 mA x 0.5 W
 Power consumption: 200 mA x 0.5 W
 DC Battery for back up: 3x 2 x AAA size batteries (not included)

Connecting to Power

Check that the voltage marked on the product corresponds with your supply voltage. This product is fitted with a 2A plug complying with BS1363. If the plug is unsuitable or needs to be replaced, please refer to the following:

Plug Requirement

If you need to replace the fitted plug, refer to the below table:

WARNING

Never connect front or rear wires to the earth terminal of the plug. Only fit an approved 13 Amp BS1363A plug and the correct rated fuse. If in doubt, consult a qualified electrician.

IMPORTANT

The wires in this mains lead are coloured as follows:
 Blue-Neutral
 Brown-Live
 Green-Earth

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured blue shall be connected to the terminal which is marked 'N' or coloured blue. The wire which is coloured brown must be connected to the terminal which is marked 'L' or coloured brown. Always ensure that the plug lead plug is fastened correctly. If a 15A (BS1363) 13 Amp plug is used it must be fitted with a 3A fuse conforming to BS1362 and/or BS1363 approval. If in doubt, consult a qualified electrician.

WRITE ELECTRICAL PRODUCTS SHOULD NOT BE DISPOSED OF WITH HOUSEHOLD WASTE. PLEASE RECYCLE WASTE. FACILITIES EXIST CHECK WITH YOUR LOCAL AUTHORITY FOR RECYCLING POLICY.

CE

BUSH BIG LED ALARM CLOCK RADIO | Instruction Manual 14