

IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before use and keep for future reference.

- If the radio is not used for a long period of time, remove all the batteries to prevent potential damage due to possible battery leakage.
- Do not place the radio in an area with temperature over 50°C (122°F) because characteristics of the internal parts may be adversely affected by heat, especially near heat sources. The radio is not to be used for a long period of time.
- Do not use the unit in areas which are extremely hot, cold, dusty or humid.
- Do not use the unit where there is a lot of movement, vibration or air circulation.
- Do not place the radio near strong magnets such as radio, television sets, speaker boxes magnetized computer pressed, disks or personal credit cards, recorded tapes, etc. as frequency drift may be resulted.
- When listening to the radio in a train or car or inside the building, use it from windows to achieve the best possible reception.
- Do not use benzene thinner or any abrasive powder to clean the cabinet, wipe it with a soft cloth moistened with a mild soap and water solution.
- Do not dispose the exhausted batteries with your household waste. Please dispose the batteries according to local regulations.
- Repairs or replacement when the apparatus has been damaged in any way, such as liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Do not attempt to tamper the product preset. Opening or removing covers may expose you to dangerous voltages or other hazards.

BUSH FM PERSONAL RADIO | Instruction Manual 1

CONTENT

Know Your Machine 1

Getting Started 2

Radio Operation 3

Antenna 3

Tuning 4

Memory Preset 5

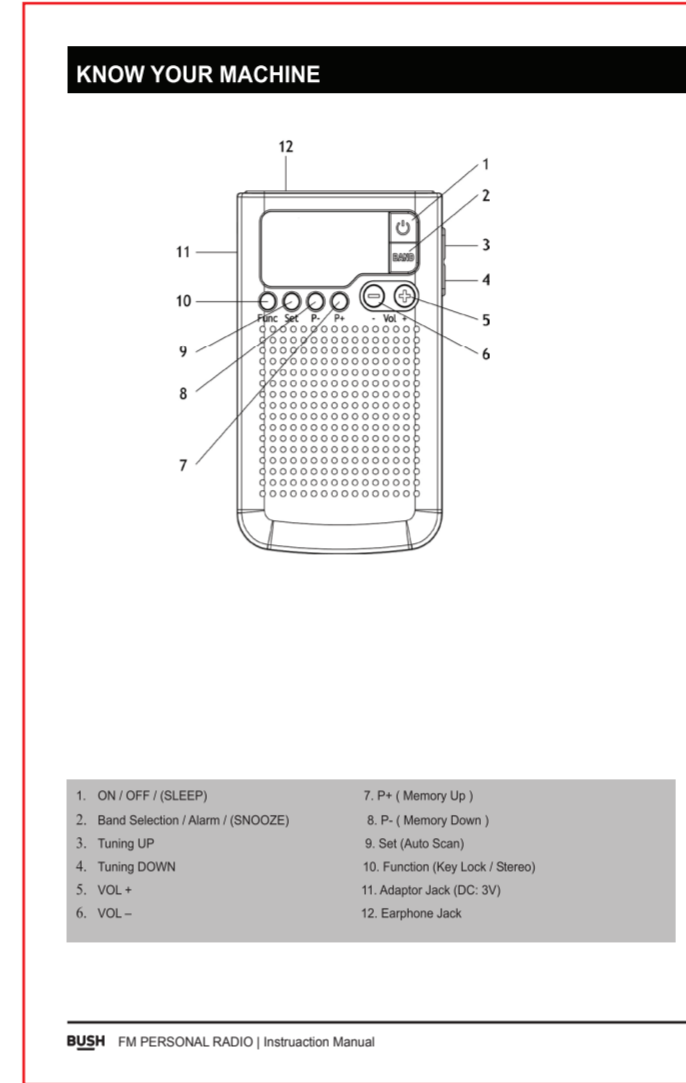
Clock Function 6

Sleep Timer 10

Key Lock 10

FM Stereo 11

BUSH FM PERSONAL RADIO | Instruction Manual 2



GETTING STARTED

BATTERY OPERATION

- Open the Battery Compartment.
- Insert 2 pieces of "AAA" size batteries into the Battery Compartment, making sure that the batteries are installed with proper polarity.

To prevent possible damage to the unit:

- Load new batteries with their polarities "+" and "-" aligned correctly.
- Do not apply heat to batteries, or internal short-circuit may occur.
- If the unit is not to be used for a long period of time, remove all batteries and store them in a cool and dry place.
- Remove exhausted batteries immediately and dispose of them.
- Do not use old and new batteries together. Also never use an alkaline battery with a manganese battery.
- Always use the same brand.

If the second becomes low or exhausted, replace all the batteries with new ones.

OR when the battery is hardly visible, replace all the batteries with new ones.

TO USE AC CURRENT (DC IN voltage is 3V, and current is 200mA)

Connect the AC Adapter (not included) plug to the DC Jack of the unit and plug the AC adapter into an AC mains wall outlet.

The carrier contact in the DC input socket of this unit requires positive voltage. Incorrect AC adapter which provides a negative voltage to the carrier contact may damage the unit.

BUSH FM PERSONAL RADIO | Instruction Manual 4

OPERATION

RADIO OPERATION

- To turn on the radio, press ON / OFF button (1). Frequency will be displayed on the LCD. See Fig. 1.
- Select the preferred broadcast range: GM / FM by pressing the BAND button (2). See Fig. 2.
- Tune manually, automatically, or by Memory to a desired radio station. The LCD will display the frequency of the received station (See TUNING). See Fig. 3.
- Adjust the antenna (See ANTENNA).
- Adjust the volume by pressing VOL+ (5) or VOL- (6), to the desired level.
- Volume Level from 00 (mute) to 38 (maximum). See Fig. 3.
- Press ON / OFF button (1) again to turn off the radio, then time will be displayed on the LCD.

NOTE: The current station (either AM or FM) is automatically stored when the radio is turned off. Once you turn on the radio again, the memorized station will broadcast with the memorized volume level.

ANTENNAS

FM Antenna is built inside the hand strap. Extend the hand strap for optimum FM reception. See Fig. 4.

BUSH FM PERSONAL RADIO | Instruction Manual 5

OPERATION

TUNING

Turn on the radio, and select the required band. The radio can be tuned to the desired station by either of the 3 methods: Manual Tuning, Automatic Tuning, or Memory Tuning.

1. MANUAL TUNING

For FM tuning, frequency will be turned up or down by one step (10 kHz) each time when either the Tuning UP button (3) or Tuning DOWN button (4) is pressed repeatedly. Then press Tuning UP button (3) or Tuning DOWN button (4) repeatedly until the desired frequency is reached. For AM tuning, each step is 5 kHz.

See Fig. 5.

2. AUTOMATIC TUNING

Press Tuning UP button (3) or Tuning DOWN (4) continuously for more than 2 seconds and release the automatic tuning function of the unit will start seek-up or seek-down to the next nearest station with sufficient signal strength. Repeat the procedure until the desired station is reached.

3. MEMORY TUNING

You can store the frequency of all the stations in the memory 20 memories (0-19) for each band and MEMORY PRESET (After memories are stored, just press P1 button (7) or P2 button (8) to choose).

BUSH FM PERSONAL RADIO | Instruction Manual 6

OPERATION

Turn to the station stored in the previous location, or the next location sequentially. The memory location number of the chosen station will appear on the left top corner of the display. 3 seconds after the station is chosen, the location number will disappear. See Fig. 6.

MEMORY PRESET

1. MANUAL MEMORY PRESET

- Select the broadcast range and tune to the desired station.
- Press Set button (9) briefly, then memory location number will blink on the left top corner. See Fig. 7.
- Then press P1 (7) or P2 (8) to choose the desired memory location number (0, 1, 2, ... 19). See Fig. 8.
- Press Set button (9) briefly again, then the desired station will be stored into the desired memory location number. If the Set button (9) is not pressed again, the memory location number will blink for 3 seconds and the memory will return to the last listening location number.
- Repeat the above procedure, then a maximum of 20 most favorite stations each band can be preset into the memories according to your designation of the memory location number.

2. AUTO SCAN WITH MEMORY STORAGE

The radio can automatically search all stations in each band and stored the 1st search 20 station list.

BUSH FM PERSONAL RADIO | Instruction Manual 7

OPERATION

MEMORY LOCATION

memory location. Please follow the following Step:

- Select the broadcast range. Press the Set button (9) for more than 5 seconds, SCAUS icon will blink on the LCD, then the radio will start to scan up from the top of the chosen broadcast, and store the 7th 20 searched stations into the memory location.
- If less than 20 stations can be searched, then the unused memory location number will be available for setting any desired station by MANUAL MEMORY PRESET procedure. See Fig. 9.

CLOCK FUNCTION

1. TIME SETTING

- Press SNOOZE button (1) to turn off the radio, so that the LCD shows the TIME function.
- Before setting the time, make sure the alarm function is not "ON" by checking if alarm icon on top right corner appears on the LCD or not. If the icon appears, press BAND / ALARM button (2) to turn off the alarm icon. See Fig. 10.
- Press Set button (9), 12:00 will blink on the LCD, then press either UP button (3) or DOWN button (4) to choose between 12 or 24 hours system. Then, press Set button (9) again to confirm. See Fig. 11.
- Then the hour behind on the LCD. Press either UP button (3) or DOWN button (4), then the hour will move backward or backward respectively. When the hour of the desired time is reached, press Set button (9) again to confirm. See Fig. 12.

BUSH FM PERSONAL RADIO | Instruction Manual 8

OPERATION

- Press the minute behind on the LCD. Press either UP button (3) or DOWN button (4), then the minute will move backward or backward respectively. See Fig. 13.
- When the minute of the desired time is reached, press Set button (9) again to confirm. See Fig. 14.
- Then the alarm icon will appear on the top right corner. See Fig. 14.
- Press Set button (9) then the hour flashes on the LCD. Press either UP button (3) or DOWN button (4), then the hour will move forward or backward respectively. See Fig. 15.
- Press Set button (9) again, then the minute flashes on the LCD. Press either UP button (3) or DOWN button (4), then the minute will move forward or backward respectively. See Fig. 16.
- When the minute of the desired alarm time is reached, press Set button (9) again then either "AC" or "DC" icon will appear. "AC" stands for make-to-buzzer or chosen, "DC" stands for make-to-ticker or chosen. Press either UP button (3) or DOWN button (4), to choose between Press 2 make-up mode. See Fig. 17.

BUSH FM PERSONAL RADIO | Instruction Manual 9

OPERATION

- Press Set button (9) again, then the chosen alarm time will set up mode or confirmed. When the alarm time is reached, the radio of buzzer will be turned on automatically.
- When the alarm time is reached, the alarm function can be deactivated by pressing BAND / Alarm button (2). Then the alarm icon will disappear on the LCD.

3. ALARM MAKE TO RADIO

- When make-to-radio is chosen and the alarm time is reached, the radio will be turned on automatically. The radio will broadcast with the memorized station at the default volume level 38.
- Note:** Even if the radio is turned on already before the alarm time is reached, the set alarm function can still override the program of alarm receiver by automatically turn to volume level 38 when the alarm time is reached.
- The radio will operate for 1 hour, then it will turn off automatically.
- To switch off the radio, press SNOOZE button (1).
- The alarm will work again after 24 hours until the alarm function is deactivated by pressing BAND / Alarm button (2). Then the alarm icon will disappear on the LCD.

BUSH FM PERSONAL RADIO | Instruction Manual 10

OPERATION

4. ALARM MAKE TO BUZZER & SNOOZE FUNCTION

- When make-to-buzzer is chosen, when the alarm time is reached, the buzzer will be turned on automatically.
- Note:** Even if the radio is turned on already before the alarm time is reached, the buzzer will still be automatically turned on when the alarm time is reached.
- The buzzer will operate for 1 hour, then it will turn off automatically.
- To switch off the buzzer, press BAND / Alarm button (2) function. The buzzer will stop temporarily and it will turn on again after 30 minutes.
- Under snooze function, the alarm icon will flash. When BAND / Alarm (2) is pressed, the snooze function will stop and alarm tone will stop flashing. If the radio is on when the snooze function is deactivated, please turn off the radio by pressing SNOOZE button (1) first, then press BAND / Alarm button (2) to deactivate the snooze function. See Fig. 18.
- To turn off the buzzer when alarm is on, press SNOOZE button (1). The alarm will work again after 30 hours until the alarm function is deactivated by pressing BAND / Alarm button (2), then the alarm icon will disappear on the LCD.
- Note:** If the radio is turned on already before the alarm time is reached, and then the buzzer is automatically turned on when the alarm time is reached. Press SNOOZE button (1) to stop the buzzer alarm and the radio operation will resume normal.

BUSH FM PERSONAL RADIO | Instruction Manual 11

OPERATION

SLEEP TIMER

The radio can be set in a SLEEP TIMER mode, which can allow the radio to turn off automatically after a preset period of time ranging from 10 to 90 minutes. See Fig. 19.

- This function is activated when the radio is OFF. Press SNOOZE button (1) continuously, then "SLEEP" icon and "90" will appear on the LCD, which indicates the set SLEEP period in 90 minutes. See Fig. 19.
- Then press the SNOOZE button (1) again. Each time of the SNOOZE button (1) will decrease the set SLEEP period by 10. The SLEEP period can be set as 90, 80, 70, ... to 10 minutes. After the desired SLEEP period is set, the radio will turn on automatically, and then turned off automatically after the set SLEEP period expires.
- To stop the sleep function, simply press SNOOZE button (1).

KEY LOCK

It is recommended that after all the setting of time and radio reception are done, press Function button (10) for 2 seconds to activate the Key Lock function. See Fig. 20.

The key lock icon will blink on LCD when the function is activated. Under this mode, all accidental pressing of the buttons are deactivated to prevent undesirable operation of the clock and the radio.

Press Function button (10) for 2 seconds to deactivate the Key Lock function, then the key lock icon will disappear.

BUSH FM PERSONAL RADIO | Instruction Manual 12

OPERATION

FM STEREO

When the radio is ON and under FM radio mode, press Function button (10) to switch on or off the FM stereo mode. "ST" icon will appear if FM stereo mode is ON.

See Fig. 21.

It is recommended to switch off the FM stereo function when the FM signal is not strong enough. It will enhance the sound quality.

However, if the FM signal is strong in your area, you can switch on the FM stereo function by press Function button (10) to enjoy stereo music from a stereo broadcasting station through a stereo earphone.

Technical Data

Power Source	2 x AAA size batteries or DC 3V
Frequency Range	FM 88-108 MHz AM 520kHz-1600kHz (10 MHz interval of 10K)

BUSH FM PERSONAL RADIO | Instruction Manual 13

The symbol on the product or its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

For more information about where you can drop off your waste for recycling, please contact your local authority, or where you purchased your product.

Notes for battery disposal

The batteries used with this product contain chemicals that are harmful to the environment. To preserve our environment, dispose of used batteries according to your local laws or regulations. Do not dispose of batteries with normal household waste. For more information, please contact the local authority or your retailer where you purchased the product.

BUSH FM PERSONAL RADIO | Instruction Manual 14