FM Classic Radio with Bluetooth

▲BUSH

BT-201

Real Life Technology

❖ Bluetooth®

Important - Please read these instructions fully before installing or operating

These instructions contain important information which will help you get the best from your speaker and ensure safe and correct installation and operation.

Contents and Features

Page Contents

Box Contents

1 x BT-201 FM Classic radio with Bluetooth
1 x 3 Pin mains to 5VDC plug-in power adaptor with micro USB connector
1 x User guide

Features

PLL Auto FM tuning and scan with up to 10 station presets available

Dual alarm, bleep or radio with snooze function

4W RMS built in speaker

10m wireless range.

Compatible with most makes and models of smartphone and tablet.

Mains or backup battery powered (batteries not included)

1A USB socket for charging smartphone or tablet
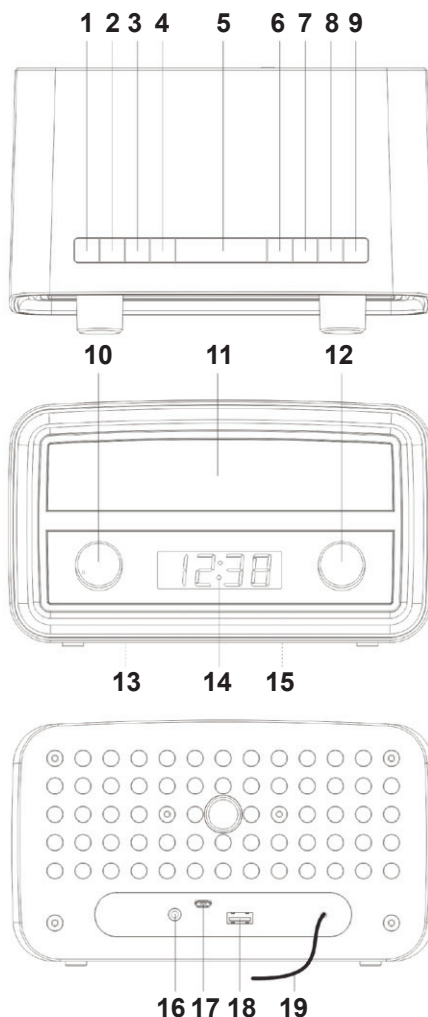
AUX IN socket for in line playback

Controls and Indicators / LED Display

Controls and Indicators

1. POWER ON-OFF/ALARM OFF BUTTON
2. SOURCE BUTTON
3. MEMORY/ SET CLOCK BUTTON
4. ALARM 1 ON-OFF SET BUTTON
5. SNOOZE / SLEEP / DIMMER BUTTON
6. ALARM 2 ON-OFF SET BUTTON
7. SKIP BACK BUTTON
8. MEMORY UP/PLAY/PAUSE BUTTON/ PAIR BUTTON
9. SKIP FORWARD BUTTON

10. VOLUME KNOB
11. SPEAKER
12. SET KNOB
13. BATTERY COMPARTMENT (BOTTOM OF UNIT)
14. DISPLAY
15. RATING LABEL (BOTTOM OF UNIT)

16. LINE IN JACK
17. DC POWER INPUT
18. USB CHARGING SOCKET
19. FM ANTENNA

LED Display

PM Indicator
AUX Indicator
ALARM 1 Indicator
TIME Indicator
BLUETOOTH Indicator
FM Indicator
ALARM 2 Indicator

3

Power Connection / Setting Clock and Alarm

Power connection

The FM Classic Radio is powered by the external DC 5V 1.5A output AC-DC adaptor supplied. Plug the adaptor in to a mains socket, connect the adaptor's micro USB plug into the socket on the back of the radio marked DC 5V. This unit is also equipped with a battery back up system requiring 2 x "AAA" batteries (not included). Insert the batteries into the battery compartment, making certain that the positive and negative (+ and -) battery terminals are aligned with the corresponding terminals in the battery compartment.

If an AC power failure/disconnection occurs, the clock automatically switches to the battery power supply, the clock and timer memory continue running. When the AC power resumes, the clock switches back to AC again.

Setting the clock

Make sure the radio is in Standby mode.
1) Press and hold down the SET CLOCK button (3) until the display flashes "24 Hr".
2) Turn the SET KNOB (12) to change the "24 Hr" mode to "12 Hr" mode.
3) Press the SET CLOCK button (3) to set mode. The time display will flash.
4) Turn the SET KNOB (12) to fine adjust the clock time and the Backwards and Forwards buttons (as described below) for faster time setting. When the correct time is displayed press the SET CLOCK button (3) to set.

Note:
- Press the REWIND button (7) to turn clock backward.
- Press FORWARD button (9) to turn clock forward.
- Hold the buttons down to FAST REWIND (7) or FAST FORWARD (9) .

Setting the alarms

Make sure the radio is in Standby mode.
1) Press and hold down the Alarm 1 button (4) or the Alarm 2 button (6) until the time flashes.
2) Turn the SET KNOB (12) to fine adjust the clock time and the Backwards/Forwards buttons (see note below) for faster time setting. When the correct alarm time is displayed press the appropriate alarm button a radio preset frequency will flash use the Set Knob to select the preferred preset frequency or Beep alarm then press the alarm button again .

Note:
- Press the REWIND button (7) to turn clock backward.
- Press FORWARD button (9) to turn clock forward.
- Hold the buttons down to FAST REWIND (7) or FAST FORWARD (9) .

Enable / disable the Alarm

Press and hold the "ALARM 1" (4) / "ALARM 2" (6) button to enable or disable the alarm. Once the alarm is activated, the bell symbol will be lit on the display.

When the alarm has been activated it will continue for 30 minutes unless the ON/OFF button (1) or the Source button (2)) is pressed.

Alarm Duration, Snooze Function and Radio Setup

Alarm duration

Alarm Duration - Bleep alarm or radio alarm will continue output for 30 minutes if no button is pressed, then it will stop automatically until the same alarm time on the next day.

Snooze function

When the alarm has been activated, press the Snooze button (5) for snooze function, Beep alarm or Radio alarm will stop for 9 minutes. The alarm can then either be switched off or the Snooze button pressed again.
-   Snooze will continue for 9 minutes unless the ON/OFF button (1) or the Source button (2)) is pressed.

Sleep mode

While listening to the radio, press the Sleep button (5) to enter sleep mode. Adjust the sleep duration from 10 to120 minutes by pressing the Sleep button (5). The radio will automatically turn off after the selected time.

Dimmer control

While in standby mode, you can adjust the brightness of the LED clock display using the DIMMER button (5).
1. There are two settings, high and low. Low level is the default setting.
2. The higher setting will consume more power.

Listening to FM radio

Press the POWER ON-OFF button (1) to turn the unit on. Press SOURCE button (2) to select FM radio play mode, turn the Set Knob to tune radio to a preferred station. If you press and hold the SKIP FORWARD button (9) or SKIP BACK BUTTON (7) button for one second, then release, the unit will automatically scan to the next receivable FM radio station. Press the POWER ON-OFF button (1) to turn the radio OFF.

To set / recall the radio presets

Press the POWER ON-OFF button (1) to turn the unit on. Press SOURCE button (2) to select radio play mode, turn the Set Knob to tune radio to a preferred station. If you press and hold the SKIP FORWARD button (9) or SKIP BACK button (7) for one second, then release, the radio will automatically scan to the next receivable FM radio station. Press the Memory/Memory + button (8); "P01" will blink in the display.
Press the Memory/Memory + button again to set the preset.

You can now scan for other stations and save up to 9 more stations using the above process.
When "P01-P10" is flashing, press the SKIP FORWARD button (9) or SKIP BACK button (7) to select the preset number.

When recalling preset stations, press the Memory + button (8) to select the preset number.

Note :

Ensure that the FM antenna is completely unrolled and extended for the best FM reception.

Bluetooth Setup and Playback

Bluetooth Setup

Bluetooth connectivity performance may vary with the brand and model of the connected device. You will achieve the best performance when connected to newer Bluetooth devices incorporating Bluetooth 2.1+EDR and using the latest firmware update available from the device vendor. Compatibility with all devices and media types is not guaranteed.

Bluetooth performance considerations: Ideally ensure all Bluetooth devices within 10m (30 ft) have Bluetooth transmission disabled. The presence of other functioning Bluetooth devices during connection may lead to operational difficulties. Bluetooth is a short-range radio communication standard. The Bluetooth transmitter and receiver hardware in this unit have an approximate operational range of 10m (30 ft) in open space.
Usually Bluetooth devices can communicate with each other clearly within a regular sized room or office.
Operation between different rooms will depend on the construction of the room.

It is important to recognize the fact that Bluetooth communication range may be substantially reduced if the signal passes through a solid object. Human bodies, brick and concrete walls, and heavy furniture or bookcases will reduce the operational range of your Bluetooth devices. Glass, dry-wall or wood paneled walls and office partitions may have a less severe but noticeable effect. You should move your Bluetooth devices closer to each other if you are having communication difficulties.

Stereo music connection to smartphones/tablets.

If you are unfamiliar with connecting Bluetooth equipment to your mobile device check the manual.
1. Ensure that the Bluetooth on your device is turned on.
2. Place the radio and your phone within a metre of each other.
3. Switch on the radio by pressing the Power button (1).
4. Press the Source button repeatedly until the LED next to BT on the front panel is lit. This is the pairing indicator which will flash quickly to indicate that the radio is ready to pair
5. Using the native controls on your Bluetooth device, select the "BT-201" in your Bluetooth settings to pair. If your device requests a password, enter the default password " 0 0 0 0 ". Refer to the user's manual for your specific device for instructions on pairing and connecting Bluetooth devices.
6. Select and confirm the pairing on your device, the connection will be completed in a few seconds and the radio will emit a confirmation tone, When successfully paired and connected, the pair indicator will flash slowly. After initial pairing, the unit stays paired unless unpaired manually or erased due to a reset of the device. You can now start playing music files stored on your phone/tablet on the radio.

Playing audio wirelessly

1. Follow the instructions for Pairing a Bluetooth Device.
2. Use the native controls on the connected Bluetooth Device to select a track.
3. To play or pause the selected track, use the native controls on the connected Bluetooth Device or press the Play/Pause button on the radio.
4. Audio played on the connected Bluetooth device will now be heard through the speakers.

Bluetooth Connection / AUX IN / USB Charging / Resetting

Changing the Bluetooth connection to a different device

Press and hold the Pair button (8) for 3 seconds. The pair indicator will flashes quickly and the radio will produce a confirmation tone. Select and confirm the pairing on your new mobile phone.

Note:
Some mobile phones may connect and disconnect as you make and end calls. This is not an indication of a problem with your unit.

Occasionally while using your device you may notice unexpected Bluetooth behavior such as disconnects, intermittent music, restart your Bluetooth device by turning it off and then on again.

Line in (AUX IN) connection

Requires a 3.5mm audio cable (not included)
1. Connect the 3.5mm cable to the Line In socket on the back of the radio* and the audio output on an audio source.
2. Press the Source button repeatedly until the LED next to LINE IN on the front panel is lit.
3. Use the native controls on your audio source to play and control audio played through the radio.

*Note:
When connecting the 3.5mm cable to the radio there maybe some initial noise, THIS IS NORMAL and the noise will cease when the other end of the cable is connected to the audio source.

USB Charging Socket

USB Type A socket. Output: DC 5V Max 1A
The product functions as a charger for your mobile phone and USB device. A USB charging cable is not supplied.

Specifications

- FM Radio Frequency range : 87.5 – 108 MHz
- Battery backup : 3V (2 x "AAA" batteries) not included
- Power Adaptor: Input 100-240V~50/60 Hz
- Output: 5VDC 1500mA

Resetting

If the system does not respond or operates in an erratic or intermittent fashion, you may have experienced an electrostatic discharge (ESD) or power surge that triggered the internal microcontroller to shut down automatically. If this occurs, simply unplug the power adaptor and remove the radio's backup batteries, wait for at least 3 minutes and then setup the unit again as if it is a brand new unit.

WARNING

1. No naked flame sources, such as lighted candles, should be placed on the apparatus.
2. Do not place the product in enclosed bookcases or racks without proper ventilation.
3. The mains adaptor is used as the disconnect device and must be easily reached to unplug.
4. The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
5. Do not expose to dripping or splashed fluids. Objects filled with liquids, such as vases, must not be placed on the radio.
6. Do not connect the FM antenna to an outside antenna.
7. The unit should not be exposed to direct sunlight, very high or low temperature, moisture, vibrations or placed in dusty environment.
8. Do not use abrasives, benzene, thinner or other solvents to clean the surface of the unit. To clean, wipe with clean soft cloth it and a mild detergent solution.
9. Never attempt to insert wires, pins or other such objects into the vents or opening of the unit.
10. Batteries shall not be exposed to excessive heat or direct sunlight, fire or the like.
11. Attention should be drawn to the environmental aspects of battery disposal.
12. Do not dispose this product with household waste at the end of its life cycle; hand it over to a collection center for the recycling of electrical and electronic appliances. By recycling, some of the materials can be reused. You are making an important contribution to protect our environment. Please check with your Local Authority for recycling advice..

CAUTION

Danger of explosion if batteries are incorrectly replaced
Replace only with the same or equivalent type

DISPOSAL OF YOUR OLD APPLIANCE OR BATTERY:

1. When this crossed-out wheeled bin symbol is attached to a product, it means the product is covered by the European Directive.
2. All electrical and electronic products including batteries should be disposed of separately from household waste at an appropriate recycling point/centre.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
4. For more detailed information about disposal of your old appliance, please contact your local authority or the shop where you purchased the product.

Argos

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 be either replaced, refunded or repaired free for charge where possible during this period by the dealer from whom you purchased the unit.

The guarantee is subject to the following provision:
- 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 for domestic purpose.
- The guarantee will be rendered invalid if the product is re-sold or has been damaged by inexpert repair.
- Specifcations 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

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority for recycling advice.

$\mathsf{C} \, \mathsf{E}$