

User Guide

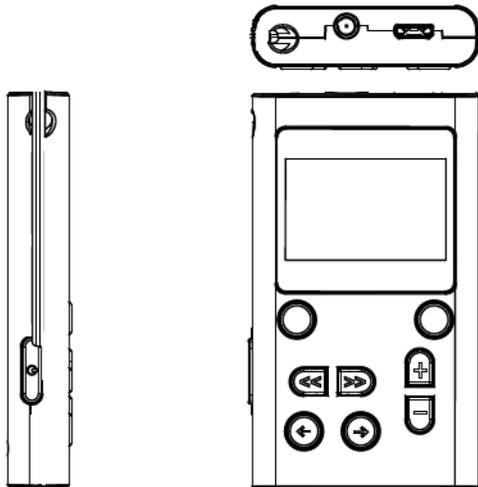
BTECH MPR-AF1 Pocket Mini AM/FM Radio

The BTECH MPR-AF1 Pocket Mini AM/FM Radio receives both AM and FM broadcast bands, and is powered by a built-in lithium battery with excellent battery life. The radio can store up to 58 frequencies (29 per band).

Accessories

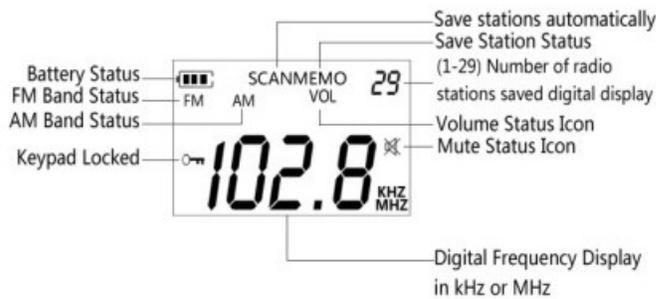
- Stereo earphones
- USB charging cable
- Lanyard

Controls



- Earphone jack. Connects the earphones to the radio.
- Charging jack. Connects the USB charging cable to charge the battery.
- Volume control. Sets the receive volume.
- AM/FM key. Selects the band, AM or FM.
- SAVE/DEL key. Programs or deletes station memories.
- Search/Scan control. Sets the frequency being received.
- Saved Stations. Selects stations from the station memory.

Liquid crystal display (LCD)



Operation

To turn the radio on, press and hold the POWER switch on the left-hand side of the unit until the radio comes on. The LCD will display the frequency of the station being received.

To turn the radio off, press and hold the POWER switch on the left-hand side of the unit until the radio turns off. The LCD will display the time set by the user.

NOTE: The earphone is also used as the FM antenna. For best reception, when listening to FM radio stations, extend the earphone cable as far as possible. The unit has an internal ferrite antenna for receiving AM stations. Because the ferrite antenna receives better in some directions, rotate the radio for best reception.

Tuning the radio

Press the AM/FM key to select the band. Use the SEARCH/SCAN keys to select the frequency. Pressing the ">>" key increases the frequency. Pressing the "<<" key decreases the frequency. On the AM band, pressing the keys will increase or decrease the frequency by 10 kHz. On the FM band, pressing the keys will increase or decrease the frequency by 100 kHz.

Pressing and holding either the ">>" key or the "<<" key will cause the radio to search for stations. When the radio finds a station, scanning will stop and the LCD will show the frequency. Release the SEARCH/SCAN key to hear the station.

To select a station from the station memories, use the SAVED STATIONS keys to select the desired station.

Setting the volume

The VOLUME keys allows you set the volume. The "+" key increases the volume. The "-" key decreases the volume.

Programming station memories

The radio can store up to 58 frequencies (29 per band) in its station memory.

To program station memories automatically, first set the radio to the lowest frequency in the band (520 kHz for the AM band, 87.5 MHz for the FM band). Press and hold the AM/FM key. The radio will then begin to scan the selected band, adding stations to the station memory when it finds a station. The scan will end when the radio fills up all 29 memories for the selected band or it reaches the highest frequency of the band.

To program station memories manually, tune to the frequency of the desired station. Press the SAVE/DEL key. The MEMO icon and the memory number of the next available station memory will flash on the LCD. To program that memory with the selected frequency, press the SAVE/DEL key again.

To delete a station from station memory, tune to the frequency of that station. Press and hold the SAVE/DEL key until the LCD displays the frequency and memory number of the station just below the deleted memory. Note that when you delete a station from station memory, stations in memory locations above the deleted memory will all be shifted down one memory location.

Mute

Mute the radio by momentarily pressing the POWER switch. Note that the LCD continues to display the frequency of the station that you were tuned to and the MUTE icon. Momentarily pressing the POWER switch again will restore the sound.

Hold

To prevent users from inadvertently changing the frequency, press and hold the “<-” SAVED STATIONS key until the Keypad Locked icon turns on and stops flashing. This locks the keypad, such that pressing any of the keys will have no effect. To unlock the keypad, press and hold the “<-” SAVED STATIONS key. The Keypad Locked icon will flash and turn off. The keypad will now operate normally.

Charging the battery

The Battery Status icon on the LCD shows the charge status of the battery. Three bars means that the battery is fully charged. When the Battery Status icon shows only one bar or the icon is flashing, it means that the battery is low and should be charged as soon as possible.

To charge the battery, connect the appropriate end of the USB charging cable to the charging port and the other end to either a computer USB port or a 5 V power adapter. Note that the charging current should not exceed 1 A. While the battery is charging, the Battery Status icon flashes. When the battery is fully charged, the icon will stop flashing and will show three bars.

Setting the time

When the radio is off, the radio displays the time. To set the time, press and hold the SAVE/DEL key until either “24Hr” or “12Hr” is displayed. To set the clock to 24-hour mode, press one of the SEARCH/SCAN keys until the LDC displays “24Hr.” To set the clock to 12-hour mode, press one of the SEARCH/SCAN keys until the LDC displays “12Hr.”

Once the desired mode is set, press the SAVE/DEL key momentarily. The LCD will then display the time, with the hour digits flashing. Set the correct hour by pressing the SEARCH/SCAN keys.

Once the hour is set, press the SAVE/DEL key momentarily. The minutes digits should begin to flash. Set the correct minutes by pressing the SEARCH/SCAN keys.

Press the SAVE/DEL key again to exit the time set mode.

Sleep timer

To set the sleep timer, press POWER switch momentarily. The LCD will display “90” meaning that the sleep timer is set to 90 minutes. Pressing the POWER switch again will decrement the sleep timer in ten minute increments. Once set to the time that you want, the radio will turn on after a couple of seconds. Once the timer has expired, the radio will turn off.

Specifications

- Dimensions: 84 x 48 x 12 mm

- AM frequency range: 520 – 1710 kHz
- FM frequency range: 87.5 – 108.0 MHz
- FM antenna: Earphone wire antenna
- AM antenna: Internal ferrite bar antenna
- Sensitivity: AM - <20 mV//m, FM - < 8 μ V
- Battery: 500 mA, 3.7 V

CONTROL	PRESS	PRESS AND HOLD
POWER	Mutes/unmutes audio when radio is on. Sets sleep timer before turning radio on.	Turn radio on/off
AM/FM SC/ALL (HOLD)	Switches between AM and FM bands. When pressed while holding down the “<-” key, locks the keypad.	Scans the entire band and automatically store found stations to memory. Sets the radio into time set mode.
SAVE/DEL	Radio enters program mode on first press. Programs selected memory on second press. When pressed while holding down the “<-” key, unlocks the keypad.	Deletes selected station memory. If radio is tuned to a station not in memory, deletes the highest programmed memory.
SEARCH/SCAN	Tunes by 10 kHz (AM band) or 100 kHz (FM band). Sets the time in time set mode.	Scans for next station that can be received.
SAVED STATIONS	Selects station from station memory. In memory program mode, selects the station memory to be programmed	The “<-” key locks and unlocks the keypad.
VOLUME	“+” key increases the volume, “-” key decreases the volume.	