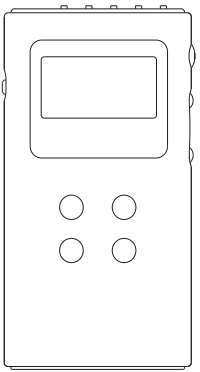
DT-120/DT-180



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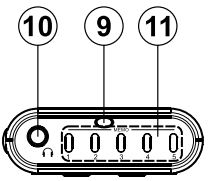
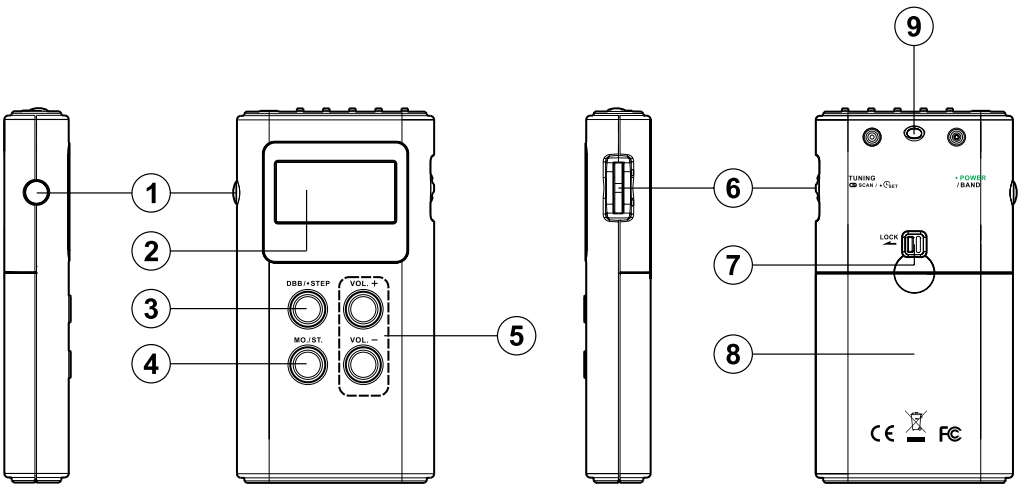
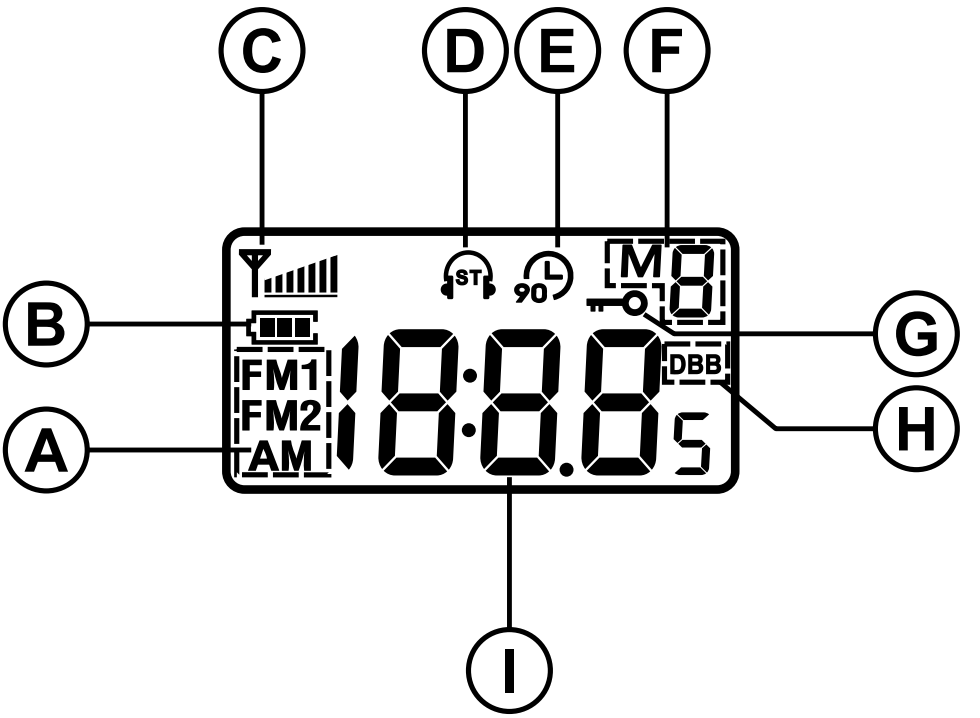
Revision 1


10
9
11


9
1
2
3
4
5
6
7
8
DBB / STEP
VOL. +
MO / ST.
VOL. –
TUNING
SCAN / SET
POWER
/ BAND
LOCK


C
D
E
F
B
A
G
H
I
ST
90
M
8
FM1
FM2
AM
DBB

Controls

① POWER / BAND button
② LCD display
③ DBB / ● STEP button
④ Mono / Stereo button
⑤ Volume button
⑥ Tuning jog wheel / Time setting button
⑦ Lock switch
⑧ Battery compartment
⑨ Strap holder
⑩ Earphone jack
⑪ Memory button

Display

Ⓐ Selected band
Ⓑ Battery power indicator
Ⓒ Signal level indicator
Ⓓ FM stereo indicator
Ⓔ 90 minutes auto shut off
Ⓕ Memory presets
Ⓖ Key lock function
Ⓗ DBB on
Ⓘ Frequency

Battery Installation

Battery cover is located on the back of the unit. Slide the cover downwards to gain access to the battery compartment. Insert two AAA (UM-4) batteries into the compartment. Make sure that the battery is positioned in accordance with the indicated diagram. Replace cover.

Note:

1. You can always monitor the battery power from LCD display battery icon. When battery power becomes very low and unable to operate the radio, low battery indicator ▭ will flash together with an “E“ appears on the LCD display. The radio will shut off.

2. Make sure to replace the batteries within 3 minutes. This will prevent any memory presets from being lost during the battery replacement.

Time setting

Press and hold Tuning jog wheel for 2 seconds. Hour will flash, turn the Tuning jog wheel to choose your desired time and then press in the Tuning jog wheel to select the digit. After completion of hour setting, minutes digit will then flash, following above setting steps to set minute.

Antenna / Earphone

Insert the earphone into the earphone jack. The cord connecting the earphone to the receiver acts as an antenna during FM audio reception and should be extended as much as possible to increase the sensitivity.

A built-in ferrite bar antenna is provided for AM reception and it is only necessary to rotate the radio for maximum signal strength during AM listening.

Volume Control

Use the volume control knobs to adjust volume level. Display will show the changes when you operate the volume control.

Tuning the radio

Band	AM
Frequency	DT-120 522-1710 kHz (9kHz)
Antenna	DT-120 520-1710 kHz (10kHz) Internal/rotate radio for best reception
Band	FM
Frequency	87.50-108 MHz
Antenna	External/Make sure the earphone in plugged into earphone jack

90 Minutes auto shut off device

For saving battery power, this radio is designed to auto shut off after 90 minutes operation, LCD display shows 90 For continuous listening if necessary, pressing POWER/BAND button for more than 2 seconds to turn on the radio.

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Scan Tuning

Turn on the radio, select required band by pressing POWER/BAND button. Press and hold down the Tuning jog wheel for more than half a second and release the button to commence Scan Tuning. The radio will scan and stop automatically when a station is found.

Manual Tuning

Turn on the radio, select desired band by pressing POWER/BAND button. Desired station may be selected by turning the Tuning jog wheel intermittently until the desired station is reached. Or turning and holding the Tuning jog wheel until the desired station is reached.

Memory Tuning (Station preset)

Turn on the radio by pressing and holding POWER/BAND button. Select required band by pressing POWER/ BAND button. Tune to the desired station using the Scan or Manual tuning steps described above. When the desired station is reached, press and hold Memory button (1-5) for more than 2 seconds until display M x stop flashing followed with a beep (via earphone). It will replace previous memory station. You may store 5 memory stations in each band (AM, FMI, FMII).

Recall memory stations

Turn on the radio, select required band then simply press and release Memory station button. LCD display will show Memory preset and radio frequency.

Stereo / Mono switch

The radio is designed to receive FM stereo broadcastings. For weak FM station, press MO./ST. button to switch Stereo/Mono to Mono position. LCD display Stereo icon will disappear.

DBB (Deep Bass Boost)

Press and release DBB/● STEP button to activate the Deep Bass Boost function to have stronger bass sound, display will appear DBB symbol. Press again will cancel the DBB.

Note: Suggest to activate the DBB when using earphones.

Software version

The software display cannot be altered and is just for your reference.

1. Press and hold DBB/● STEP button when your radio is in power off mode, the screen will show the software version (e.g. A03)

2. Continue pressing and holding the DBB/ ● STEP and the radio will enter FM/AM step setting.

FM / AM step setting

3. The screen will show FM tuning step (i.e. FM1 50 or 100). Turn the Tuning jog wheel to choose 50 KHZ or 100KHZ and then press the Tuning jog wheel to confirm your setting.

4. After your completion of FM tuning step, the screen will show AM tuning step (i.e. 9 or 10). Turn the Tuning jog wheel to choose 9KHZ or 10 KHZ and press the Tuning jog wheel to confirm your selection.

Important: Reset of frequency range and tuning step will erase all the preset stations stored in your radio.

Key Lock Function

The key lock function is used to prevent unintentional operation of the radio. Key lock switch is located on the rear of the radio. When the key lock is set to LOCK, every button will be disabled and a key lock icon will appear on the screen. To disable the key lock function, switch the key lock button to off position. The key lock function will be disabled.

Specification

Battery: 2 X AAA (LR03, UM-4)

Frequency Coverage:
FM: 87.50-108 MHz
AM:
522-1710 kHz (DT-120 9kHz)
520-1710 kHz (DT-120 10kHz)

Output Power: 1.0 mW+ 1.0 mW
Earphone Jack: 3.5 mm diameter (stereo)

The company reserves the right to amend the specifications without notice.

If at any time in the future you should need to dispose of this product please note that: Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist.Check with yourLocalAuthority or retailer for recycling advice. (Waste Electrical and Electronic Equipment Directive)