

TECSUN

TECSUN ELECTRONIC IND. LTD.

TECSUN DR-920

Digital FM / AM / Shortwave
World Multi-Bands Radio Receiver



USER'S MANUAL

RN3AMM - 2010

TECSUN DR-920

TECSUN DR-920 is a brand new FM / AM / SW 12 bands shortwave radio. The radio pulls in 10 bands of shortwave signals as well as FM/AM stations. The telescopic antenna together with the manual tuning capability gives you best reception ever.



RADIO DESCRIPTION

- FM / MW / SW 1~10 (12 Bands)
- FM : 76.0 - 108.0 MHz
- AM : 525 - 1610 kHz
- SW : 3.90 - 21.85 MHz
- Noise Limit Sensitivity: FM < 10 μ V, MW < 1.5 mV/m, SW < 50 μ V
- Manual Tuning with Digital Readout
- Low Noise, High Sensitivity and Selectivity
- Alarm Clock Function
- Night Light
- Sleep Timer
- Built-in Loud Speaker
- Earphone Jack
- Compact and Portable
- Power Sources: UM3 x 2, (AA) Size Batteries or 3V DC Adaptor
- Unit Size: 126 x 80 x 28 mm
- Net Weight: Approx. 200g (without battery)

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DIAGRAM & FUNCTION INDICATION



1. LCD DISPLAY
2. TUNING KNOB
3. HOUR / 12/24 HOUR
4. MINUTE
5. LIGHT/ SNOOZE
6. POWER / SLEEP
7. BUZZER / RADIO
8. BAND INDICATOR
9. BAND SELECTOR
10. TIME SET
11. AL. SET
12. AL. ON/OFF
13. ANTENNA
14. SUPPORTING RACK (on the Back Side of Radio)
15. VOLUME
16. EARPHONE JACK
17. EXTERNAL POWER JACK
18. HAND STRAP
19. BATTERY COMPARTMENT (on the Back Side of Radio)

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1. POWER ON

1. The radio uses two AA 1.5V batteries, please put the new batteries in the battery slot according to the polarity.
2. Press and hold the Power button (6) until you see "On" display on the screen.

2. RADIO

1. Turn the band selector (9) to the required band from FM, AM or SW 1-10.
2. Rotate the Tuning Knob (2) to search for the station.
3. Turn the Volume switch (15) to set the volume.
4. Extend the antenna (13) and try different angle for best reception.

3. POWER OFF

Press the POWER button (6) once to turn off the radio.

4. TIME SET

Local time setting

1. Press the TIME SET button (10) until you see the display blinking.
2. Press the HOUR (3) and MINUTE (4) button to set the time.
3. Press the TIME SET button (10) again or wait for 3 seconds to confirm.

Alarm time set

1. Press the AL. SET button (11) until you see the display blinking.
2. Press the HOUR (3) and MINUTE (4) button to set the alarm time.
3. Press the AL. SET (11) or wait for 3 seconds to confirm.

Note: After you have set the time, the alarm function will be automatically turned on.

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5. ALARM

Wake-to-radio

1. Power off the radio after you have set the radio station and volume.
2. Switch the BUZZER/RADIO button (7) to RADIO.
3. When it arrives the preset time, the radio will automatically turn on to the last radio station. Radio will automatically turn off in 30 minutes.

Buzzer

1. Switch the BUZZER/RADIO button (7) to BUZZER.
2. When it arrives the preset time, you will hear beeping sound and it will stop in 30 minutes.

Note :

- You can turn on or off the alarm function by pressing the AL ON/OFF button (12) once.
- The volume of the beeping sound cannot be set.
- You can turn off the radio by pressing the POWER button (6).

6. SNOOZE

1. Make use of the wake-to-radio function to turn on the radio .
2. Press the SNOOZE button (5) once to suspend the operation of the radio.
3. The radio will automatically turn on again in 10 minutes and shut off itself for another 30 minutes.

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7. TIME DISPLAY AND 12/24 FORMAT SWITCH

Time Display

Under the radio mode, press the TIME SET **(10)** or AL.SET **(11)** button to display the current time or alarm time respectively.

12/24 format

Under the off mode, press the HOUR button **(3)** to switch between 12 or 24 hours format.

8. SLEEP

This radio will turn off in 60 minutes by default. You can also set the turn off time from 5-120 minutes.

1. Press the SLEEP button **(6)**. You will see the number "60" on the screen.
2. Press the SLEEP button **(6)** again to set the sleep time in the following order **60 – 45 – 30 – 15 – 10 – 05 – 120 – 90 – 75**.

9. NIGHT LIGHT

1. Press the LIGHT button **(5)** once to turn on the night light for 3 seconds.
2. Long press the LIGHT button **(5)** will make the night light always on. Press the button again to turn it off.

10. EXTERNAL POWER

The radio accepts 3-6V external power (≥ 150 mA). Please make sure the polarity of negative.

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TECHNICAL INDEX

1. **Frequency Range :**
 - FM 76 - 108 MHz
 - AM 525 - 1610 kHz
 - SW 5.95 - 21.85 MHz

2. **Noise Limit Sensitivity**
 - FM $\leq 10 \mu\text{V}$
 - AM $\leq 1.5 \text{ mV/m}$
 - SW $\leq 50 \mu\text{V}$

3. **Power:** DC 3-6 V or 2 x AA batteries
4. **Speaker:** $16 \Omega / 0.5 \text{ W}$
5. **Output:** 150 mW
6. **Measurement:** 118 x 75 x 29 mm

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