

**DE201****FM / MW / SW WORLDRECEIVER****OPERATING INSTRUCTIONS**

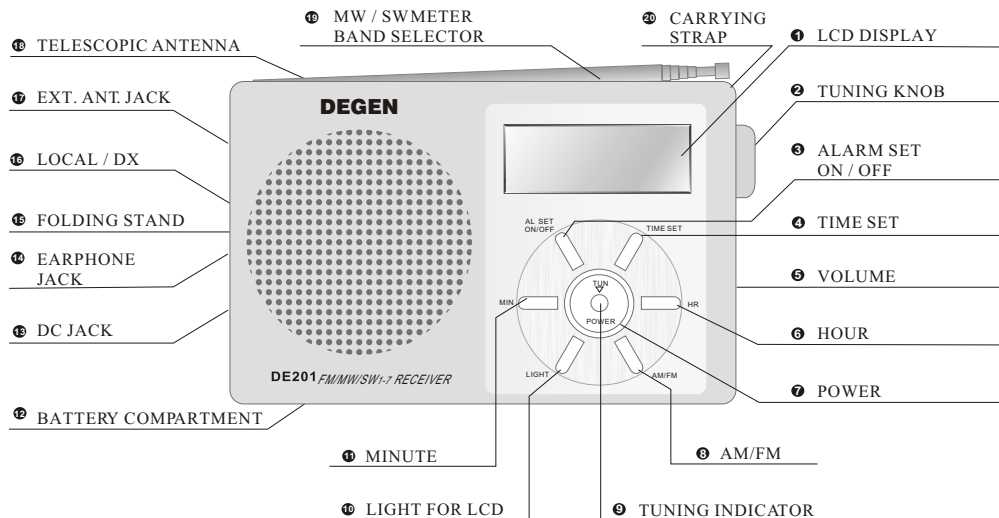
9 - BAND WORLDRECEIVER - FM / MW / SW (1 - 7)  
 DIGITAL FREQUENCY INDICATOR  
 CLOCK INDICATOR  
 TIMER SET  
 STYLISH DESIGN  
 BUILT -IN WIDE RANGE SPEAKER  
 LIGHT INDICATOR  
 LOCAL / DX SWITCH  
 EXTERNAL ANTENNA JACK  
 2 WAY POWER WITH AC / DC OPERATIONS

Thank you for purchasing DE201, DEGEN PLLFM  
 FM / SW World Receiver! It will give you many  
 hours of reliable service and listening pleasure.  
 Before operating the receiver, please read this manual  
 carefully and retain it for future reference.

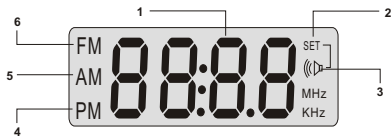
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# LOCATION OF CONTROLS

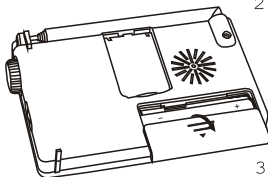



## LCD IDENTIFICATION



- 1 FREQUENCY / TIME
- 2 ALARM SET INDICATOR
- 3 ALARM ON INDICATOR
- 4 PM
- 5 AM BAND / AM
- 6 FM BAND

## BATTERY OPERATION



- 1 Slide the battery cover in the direction of the arrow.
- 2 Insert two AA batteries according to the marking  inside the compartment.
- 3 Slide back the battery cover, make sure that it snap in place.

When the batteries become weak, the sound becomes weak and distorted. Please reduce the volume or replace the batteries with new ones.

## BATTERY REPLACEMENT

Turn off the unit and then replace the batteries with fresh ones as soon as possible.

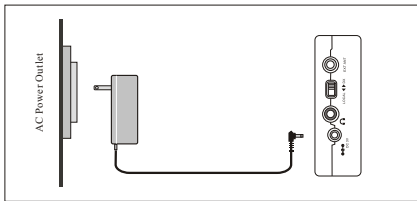
If replacement time lasts too long, memories may be lost and clock reset to AM 12:00.



- ▶ Do not mix different types together (Alkaline, Carbon-Zinc, Nickel Cadmium etc.), or old batteries with new ones.
- ▶ When the unit is not being used for a long period of time, remove the batteries to avoid damage from battery leakage and corrosion.

- ▶ If battery leakage occurs, wipe the battery compartment with a soft cloth before inserting the new ones.

## AC ADAPTOR OPERATION



- 1 Plug the adaptor into an AC power outlet.
- 2 Insert the adaptor's small connector plug into the DC JACK marked  $\oplus \text{---} \ominus$  on the unit (on the left side of the unit).
- 3 Turn on the unit.



- ▶ If the AC adaptor is connected when regular batteries are installed, the unit automatically switches to the AC adaptor power and the batteries are not used.
- ▶ Make sure the polarity of the AC adaptor suits your unit before plugging it into the AC power outlet, the correct mark is as follows:

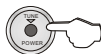


- ▶ External power supply can be chosen from 3V to 4.5V.

## TURN ON / OFF THE UNIT

### 1. Power On / Off

Press POWER  $\text{P}$  to turn on the unit manually, the FM station you stopped listen last operation is heard.

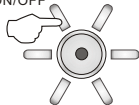


After listening, press POWER  $\text{P}$  to turn off the unit.

### 2. Alarm On / Off

If you have already adjust the alarm clock, set the unit in alarm state to enable automatically turns on. (Refer to page 7 and 8 for information on ALARM SET.)

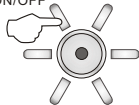
AL SET  
ON/OFF



To turn off the unit after automatically turns on, you have to press AL SET ON / OFF  $\text{P}$  first to release alarm state (the disappear in the display) and then press POWER  $\text{P}$ .

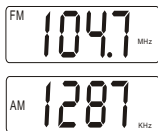
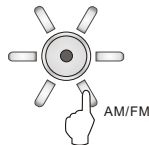
POWER  $\text{P}$  only can not turn off the unit in alarm state.

AL SET  
ON/OFF



## BAND SELECTION

Press AM/FM button **8** repeatedly to select AM, FM, the corresponding band indicator will indicate in the display.



AM is divided into MW and several SW meter bands, slide MW / SW METER BAND SELECTOR **10** to select the MW / SW1/SW2 / SW3/SW4/SW5/SW6/SW7.



## TUNING IN TO A STATION



Adjust the TUNING KNOB **9** according to the frequency in the display.



When the receiving signal is strong enough, TUNING INDICATOR **9** is lighted.

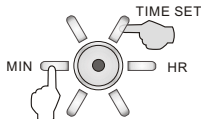
## LOCAL / DX

Set appropriate LOCAL / DX in SW and FM according to different listening environment could effectively improve the reception result.



In general, set the switch in DX position unless there is strong interference or when you are listening to local stations.

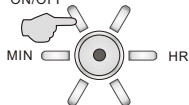
## CLOCK SET



- 1 Turn off the unit into CLOCK mode if the unit is on.
- 2 Press TIME SET **4** together with HR **6** to adjust hour or MIN **1** to adjust minute.
- 3 After adjusting the clock, release TIME SET **4** and the clock set is automatically stored.

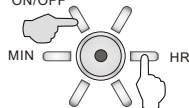
## ALARM SET

AL SET  
ON/OFF

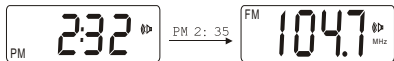


Keep AL SET ON / OFF pressed when the unit is off, alarm clock and "SET" indicates in the display.

AL SET  
ON/OFF



Press HR to adjust hour or MIN to adjust minute while depressed AL SET ON / OFF .



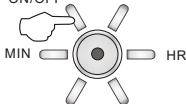
After adjusting the alarm clock, release AL SET ON / OFF to back to clock mode, clock set is stored and indicates in the display. When the time is on, unit will automatically turn on.



- ▶ Keep AL SET ON / OFF pressed while adjusting the alarm clock, alarm clock will not be adjusting if you release the button.
- ▶ If indicates in the display, alarm is not on.

## 2. SET ALARM ON

AL SET  
ON/OFF

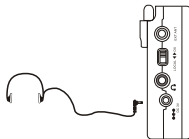


Alarm is enable when indicates in the display by pressing AL SET ON / OFF , alarm state will release if you press AL SET ON / OFF again.




Turn off the unit into Clock Mode if you do not want to listen to the broadcast. It hardly consumes any power in Clock Mode.

## LISTENING WITH HEADPHONES



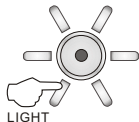
Insert the headphone's small connector into the EARPHONE JACK and enjoy listening with headphones.


## VOLUME CONTROL

Adjust volume using VOL , keep the volume at a moderate level, this will allow you to hear outside sounds and to be considerate to people around you.



## LIGHT



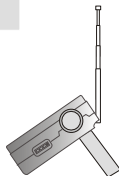
Press and hold LIGHT button  to lighten the display when necessary, and going on with other operations.



Light consumes a lot of power, just use it as necessary!

## USING FOLDING STAND

When folding stand is used, extending the telescopic antenna straight upward.

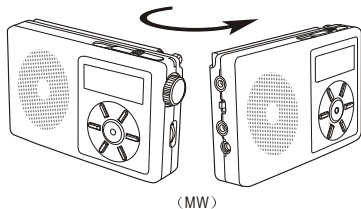


## USING ANTENNA

### MW Reception

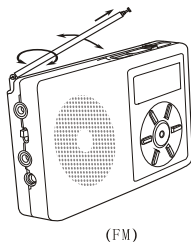
Magnetic antenna inside the unit functions as MW antenna, it is strongly effected by the reception direction.

When listening to MW broadcast, reorient the unit to find the position which gives the best reception.



### FM Reception

Telescopic antenna functions as FM antenna, keep it extended and change its length and direction to find the position which gives the best reception.



Set LOCAL / DX  to LOCAL if FM reception is too noisy.

## CAUTIONS


### On Handling

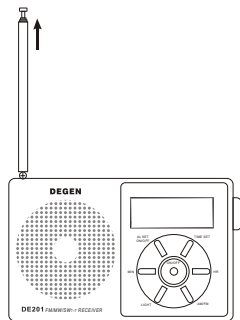
- Avoid exposure to temperature extremes, direct sunlight, moisture, sand, dust or mechanical shock.
- Should anything wrong with the radio, please remove the battery and have the unit checked by qualified personnel before operating it any further.
- When the unit is not being used for a long period of time, remove the batteries to avoid damage from battery leakage and corrosion.
- The LCD display may become hard to see or slow down when using the unit at high temperatures (above 40°C) or at low temperatures (below 0°C). At room temperature, the display will return to its normal operating condition.

### SW Reception


Telescopic antenna functions as SW antenna. Extending the antenna straight upward to get the best reception.



Set LOCAL / DX  to DX when listening to SW broadcast.

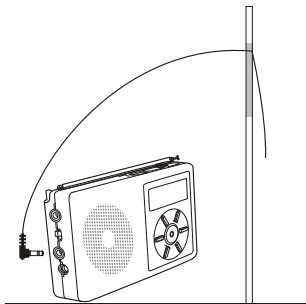


### External Antenna

If FM or SW reception is too weak, set LOCAL / DX  to DX, and use a external antenna to improve reception.



Do not use external antenna in thunder storm day.



### Notes On Headphones

- Avoid using headphones at high volume, if you experience a ringing in your ears, reduce volume or discontinue use.
- Shut down the radio before sleeping.
- Do not use headphones while driving or cycling, it can also be potentially dangerous to play your headphones at high volume while walking, especially at pedestrian crossing.



# SPECIFICATIONS

1. Frequency Range				
FM		87 - 108.0	MHz	
MW		525 - 1610	KHz	
SW		5.90 - 18.00	MHz	
SW METER	49m	5.950 - 6.200 MHz	22m	13.60 - 13.80 MHz
	41m	7.100 - 7.300 MHz	19m	15.10 - 15.60 MHz
	31m	9.500 - 9.900 MHz	16m	17.55 - 17.90 MHz
	25m	11.65 - 12.05 MHz		
2. Noise Limit Sensitivity				
FM		≤	5μV	
MW		≤	1.5mv/m	
SW		≤	50μV	
3. Power Supply:				
3V - 4.5VDC				
2 AABatteries				
4. Speaker:				
		D 50mm	4Ω	0.25W
5. External Earphone:				
		D 3.5mm		
6. Dimensions:				
Approx.		71×	111×	25 mm
7. Mass:				
Approx.		160 g(excl. Battery)		