

Eton G8 Operations Manual

TECSUN

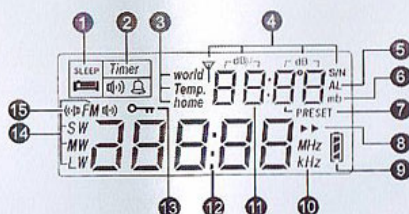


PL-300_{WT}

Digital Multi-Band Receiver with World Traveling Clock

Operation Manual

LCD DISPLAY

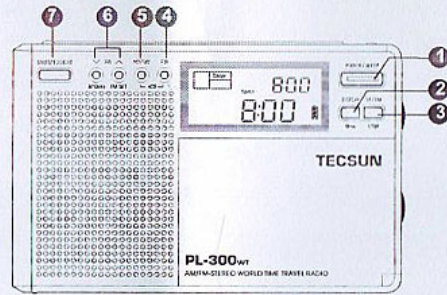


1. Sleep Indicator
2. Alarm indicator
"⌚" alarm by radio
"🔔" alarm by buzzer
3. World clock (world), local clock (home), temperature (Temp.)
4. Signal indicators:
dBu: signal strength unit
dB: signal noise (S/N) unit
5. Alarm indicator
6. Meter band indicator
7. Preset memory address indicator
8. Tuning speed:
"▶▶" Slow Tuning
"▶" Fast Tuning
9. Battery consumption indicator

10. kHz: frequency unit for MW, LW & SW
MHz: frequency unit for FM

11. Display
With radio off: world time, alarm time, temperature
With radio on: word time, signal strength / SN ratio, alarm time, temperature, local time, memory address, meter band.
12. Display
With radio off: local time
With radio on: frequency display, band display
13. Key-lock indicator
14. Meter band indicator
15. FM-stereo indicator (via earphones only)

FUNCTIONS



1. [POWER/SLEEP]

Short press on [POWER/SLEEP] button that to turn the radio on or off.

2. [DISPLAY] / [LOCK]

Display: to view on Alarm time, Temperature, Local time, World time, signal strength / SN ratio.

Lock: Long press [LOCK] button to lock up all function keys. Unlock: Long press [LOCK] button again to unlock it.

3. [VF/VM] & [STEP]

VF (View Frequency) / VM (View Memory): Short press [VF/VM] button to select VF or VM.

Frequency Step: Long press [STEP] button to select fast or slow tuning

4. [FM] & [ATS]

Select FM band: Turn on your radio, and short press [FM] button.

ATS for FM: Long press [FM] button, release the button when the frequency meter is running. All the available stations will be stored in the memory automatically.

— 3 —

5. [MW/LW] & [ATS]

Select MW band: Short press [MW/LW] button to select in between MW or LW band.

Note: When LW is not appeared on the display, that's because you have turned off the LW band. To turn on the LW band, simple turn off the radio, and long press [MW/LW] button, until (LW "ON") appears in the display.

ATS for MW/LW: Long press [MW/LW] button until the frequency meter is running.

6. [V] SW [^] button

SW band: Turn on the radio, and short press either [V] or [^] button to enter shortwave meter band. Keep short press on [V] or [^] to select your favor meter band.

Auto Search Station: For FM, MW, LW or SW bands, long press [V] or [^] button to search for the available stations automatically. Each station will stop for 5 seconds before move on to the next available station. Press any buttons to stop searching.

7. [LIGHT/SNOOZE] & "Bi" sound on/off

Backlight:

Short press [LIGHT/SNOOZE] button: LCD backlight illuminates for 3 seconds before it turns off again automatically. Long press on [LIGHT/SNOOZE] button: LCD backlight will be turn on permanently. To turn it off, simply short press on [LIGHT/SNOOZE] button again.

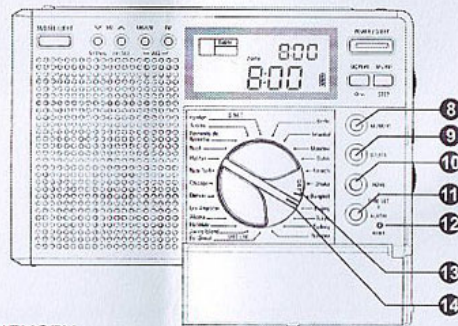
"Bi" sound on/off:

All the "Bi" sounds for control buttons and functions, that can be turned on or off by long press on [LIGHT/SNOOZE] button.

Snooze:

When the alarm functions by either radio or buzzer, press on [LIGHT/SNOOZE] button to turn off the alarm temporary for 10 minutes before it alarm again.

— 4 —



8. MEMORY

Tune to your favor station, short press [MEMORY] button to store, then press [MEMORY] button again to confirm when it is flashing.

9. DELETE

1. Switch to VM mode, use the tuning knob to select your memory station that you want to delete;
2. Short press [DELETE] button, press the [DELETE] button to confirm when it is flashing.

10. HOME (to set your local time)

1. Rotate the [Time Zone Wheel] to your home time zone. For example, if you are in Hong Kong, please select Beijing as your home local time zone. Since, Hong Kong and Beijing are within the same time zone.
2. Long press [HOME] button until "hour" is flashing in the display. Rotate the tuning knob to adjust the correct hour.
3. Short press on [HOME] button again, rotate the tuning knob to adjust "Minute".
4. Press the [HOME] button again to confirm your time setting.

— 5 —

11. ALARM (to set the alarm)

1. With radio off, Long press on [ALARM] button. Rotate the tuning knob when "hour" is flashing in the display.
2. Press on the [ALARM] button again, rotate the tuning knob to adjust the "minute" when it is flashing.
3. Press on the [ALARM] button again to select 1 - 90 minutes of the Alarm's duration.
4. Finally, press on [ALARM] button again to confirm.

12. RESET

If the radio has been subjected to abnormal environmental conditions, the computer microchip may malfunction. You might need to reset the radio. To reset the radio, unplug the external adaptor and remove the batteries from the battery compartment. Insert a pointed object, such as straightened paper clip, into the RESET hole and gently press and release the button inside the hole. Then plug in the adaptor or reinstall the batteries again.

13. DST (Daylight Saving Time)

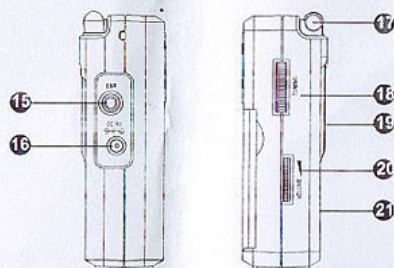
Some countries are using DST within certain months in a year (mostly it needs to add one hour). If so, please rotate the DST pointer (Marked on the Time Zone Wheel) to your destination. This will add one hour accordingly to the destination time.

14. TIME ZONE WHEEL

Once the local time (HOME) is set correctly; you can rotate the TIME ZONE WHEEL to check on the world time for any city in the world within its Time Zone. When you are rotating the TIME ZONE WHEEL, the display will indicate your Home time and different World time accordingly.

Note: Please aware of DST (Daylight Saving Time) for your destination, adding one hour may need it according to the destination time standard.

— 6 —



15. EAR

For earphone to plug in. FM stereo is available via stereo earphone.

16. DC jack

For the adaptor with 6V $\geq 300\text{mA}$, (\oplus \ominus) Negative Center.

17. FM/SW telescopic antenna

Extend the antenna fully for FM and SW, rotate the antenna or moving around the radio for the best reception.

18. TUNING KNOBS

To tune time, frequency, or memory address.

19. Back stand

Open up the back stand to secure the radio in flat surface.

20. VOLUME control with 0~30 levels of adjustment.

21. Battery compartment

For 3 x UM3 (AA size) (R6) batteries

— 7 —

Listen to radio

Press [POWER/SLEEP] button to turn on your radio, and select your band by short press on [FM], [MW/LW], [\vee] or [\wedge] button. Adjust the volume level. Now, turn in your favor station with either one of the following methods:

Method 1: Manual tuning

rotate the tuning knob to select your station.

Note: Press [STEP] button to select fast or slow tuning.

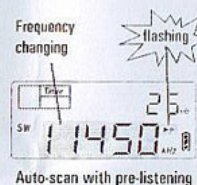


FAST/SLOW tuning is shown in the chart below for each band.

band	► slow tuning mode		►► Fast tuning mode	
	Slow turning	Fast turning	Slow turning	Fast turning
FM	0.01 MHz	0.1 MHz	0.1 MHz	1 MHz
MW	1 kHz	9 / 10 kHz	9 / 10 kHz	100 kHz
LW	1 kHz	9 kHz	9 kHz	100 kHz
SW	1 kHz	5 kHz	5 kHz	100 kHz

Method 2: Auto-scan stations

Press and hold [\vee] or [\wedge] button until frequency meter is running. It will stop on each available station for 5 seconds before it goes on to the next available station. To remain on your favor station, press any key to stop searching.



Auto-scan with pre-listening

— 8 —

To store station

There are total 500 preset memories within PL300WT. For FM, MW, and LW, each band has 100 preset memories; and 200 preset memories for SW.

FM, MW, LW (ATS)

1. Turn on the radio, and fully extend the antenna. Select your band (FM, MW, or LW).
2. Long press on FM or (MW/LW) button until Frequency is running on the display. It will automatically stop when it is done. Use the [TUNING] knob to tune around for those stored station.

To store station manually

1. Turn on your radio, and tune into your favor station.
2. Short press [MEMORY] button, with the memory address is flashing in the display, press [MEMORY] button again to confirm.

To store station with auto search function

1. Turn on your radio, and select VF (View Frequency) mode. Long press on [\vee] or [\wedge] button to search for those available stations;
2. Auto search will stop on each available station for 5 seconds before it goes on searching for the next available station. If you want to store that station, simply press on [MEMORY] button to store the station. Keep store up your favor stations when auto search is activated unit it is done.
3. To stop auto search function, simply press any buttons (except [MEMORY] button).

Note:

1. ATS function will store all the available stations within the band; however, using auto search to store stations, only those stations that you want can be stored into the memories.

— 9 —

2. With ATS, station will be stored start from memory "01", and it will cover those stations that already there. But when you are using auto search to store stations, it will only store the station into the next available memory. It will not delete or cover those existing memories.

Listen to stations in the memory

Method 1:

Select VM (View Memory) mode, tune around with tuning knob for those stations in the memory.



VM (View Memory) mode

Method 2:

Select VM mode, long press the [\vee] or [\wedge] button until "preset" is flashing in the display. It will search all the stations within the memory, and stop on each station for 5 seconds. If you want to listen to that station, simply press any key to stop searching.



Auto-scan memory with pre-listening

— 10 —

System setting

MW(AM) step setting

Turn off the radio. Press and hold the [9/10kHz] button until "9kHz" or "10kHz" appear in the display. If the display is showed "10kHz", which means this radio is set at 10 kHz step for AM.

Frequency range setting for FM

Turn off the radio and press on the [FM SET] button, until 87.5-108MHz, 64-108MHz, 76-108MHz, or 87-108MHz appears in the display. Quickly keep pressing on the [FM SET] button to select suitable frequency range for your local FM.

Turn LW on/off

Turn the radio off. Press and hold the [MW/LW] button until "OFF" or "ON" appears in the display. If "OFF" appears in the display; which means LW is been turned off.

Turn off the "Bi" sound

Press and hold the [SNOOZE/LIGHT] button until "OFF" or "ON" appears in the display; If "OFF" appears in the display; which means "Bi" sound is been turned off.

Trouble shooting

QUESTIONS	ANSWERS	SOLUTIONS
Can not turn on the radio	-no power with the batteries -didn't install the batteries properly -power button is locked	-replace the new batteries -according to "+" or "-" sign to install the batteries again -press [e→] button to unlocked
Radio goes off when you are listening	-no power with the batteries -sleep timer is activated	-replace the batteries -turn on the radio again
Can not store some stations using ATS Some station store with noise using ATS	-some station are too weak -there are interference near by your area	-search the station manually. - low down the antenna or move to other location and try again
Only limited FM stations can be received in Japan	FM frequency is 76~90MHz for Japan	-turn the radio off and long press on the [FM SET] button, short press [FM SET] button again to select 76~108MHz.
Received very poor AM in USA	Because USA is using 10kHz step for AM	-turn off the radio press the [9/10kHz] button to select 10kHz

Trouble shooting

QUESTIONS	ANSWERS	SOLUTIONS
Alarm is activated but not on the right time as setting	Time Zone Wheel is not pointing to the right destination.	Time of the alarm is according to the Time Zone where the Time Zone Wheel is pointed. Therefore, you must rotate the wheel to the right time zone. For example: If you are in Beijing, and the alarm set at 7:00pm. Rotate the wheel and pointing it to Beijing. The alarm will activate at 7:00am Beijing time. But if you are in New York now, please rotate the wheel and pointing it to New York. The alarm will activate at 7:00pm New York time.
When the alarm activated (alarm by radio), there is only noise with the broadcast	-did not set the proper radio station for the alarm -or there are no broadcasting at that radio station -or you have travelled to other city where does not have a radio station for your preset frequency.	-Preset your alarm station properly (see the above setting) -Make sure it has radio broadcast in your location. Or set the alarm by buzzer.

Trouble shooting

QUESTIONS	ANSWERS	SOLUTIONS
radio malfunction	This may caused by interference, and the computer microchip not function properly.	Try the [RESET] button to restart the radio. If it is still not able to work, please contact your nearest dealer for customer service.