TECSUN
RADIOS AUSTRALIA   ICR-100

Radio Recorder /
Digital Audio Player

OPERATION MANUAL

Please read this instruction carefully before using the device
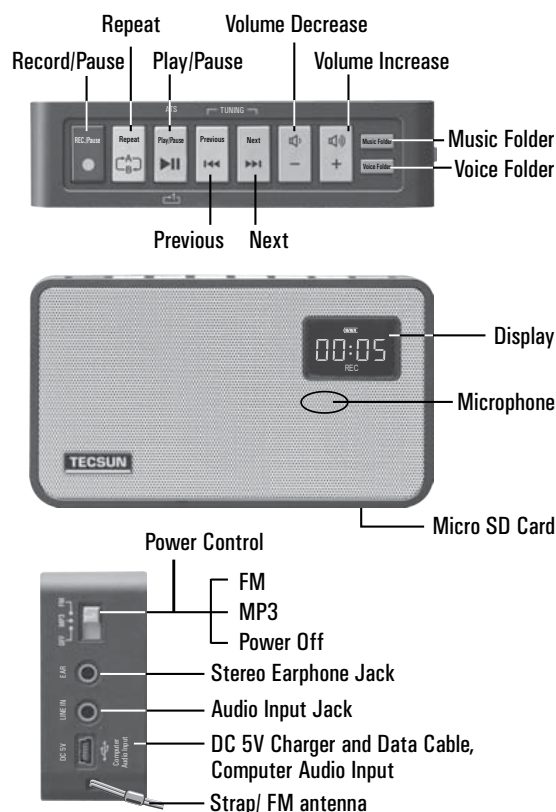

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● **Function instructions and descriptions**

Repeat
Record/Pause
Play/Pause
Volume Decrease
Volume Increase
Music Folder
Voice Folder
Previous   Next

Display
Microphone
Micro SD Card

Power Control
FM
MP3
Power Off
Stereo Earphone Jack
Audio Input Jack
DC 5V Charger and Data Cable, Computer Audio Input
Strap/ FM antenna

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1   Playing FM Radio

AUTO TUNING
Turn on the device by pushing the [OFF/MP3/FM] button to "FM" location, press and hold the [◄◄] or [►►] button to auto search to the next available station.

ATS
Press and hold the [►||] button to auto search and store all the available stations into the memory, then press the [◄◄] or [►►] button to tune into those stored stations.

Note:
- When you find yourself at a new geographical location, it is recommended to perform the ATS function again.
- After removing the battery from the device, please perform the ATS function again.

2   MP3 Player

1. Insert the micro SD card.
2. Push the [OFF/MP3/FM] button to "MP3" location.
3. Press the [Music Folder] button to enter music file; press the [Voice Folder] button to enter recording file.
4. Press either the [◄◄] or [►►] button to select your desired stored music/voice file.

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5. To pause while playing, press the [►||] button.
6. In MUSIC mode, press and hold the [◄◄] or [►►] button to jump 10 music files back or forth.
7. In VOICE mode, press and hold the [◄◄] or [►►] button will fast play the recording file.

Note:
For energy saving, the display will turn off automatically if there is no operation within 10 seconds. You can press any button to activate the display again.

-------- **AB REPEAT** --------

To activate the AB repeat function in MUSIC mode, press the [AB] button once to select your desired starting point A, then press it again to set the ending point B. The device will repeat playing the selected A to B section.

To deactivate the AB repeat playing, press either the [AB] or [◄◄] / [►►] button.

To pause the AB repeat playing, press the [►||] button, press again to continue.

3   Line in

Connect the line in cable and turn on the device to function it as an external speaker .

Earphone Jack

Line in Jack

S-2000
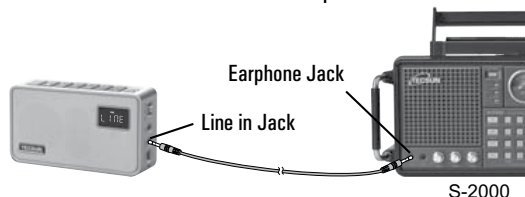
4   Recording

Push the [OFF/MP3/FM] button to either "MP3" or "FM" mode, then press the [Record] button to start recording.
- In FM mode, the device records FM broadcasting.
- In MP3 mode, it records external voice via built in MIC.
- In Line in mode, it records from the connected player.

To stop the recording
- Radio mode, press the [AB] or [▶II] button.
- MP3 or Line in mode, press the [AB], [▶II] or [I◀◀] / [▶▶I] button.

Note: After recording, the device will repeat playing the last recorded file

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Pause Recording
To pause the recording, press the [▶II]button.

Note:
1. In radio recording mode, you can press the [I◀◀] or [▶▶I] button to change the recording station, whereas the device will keep on recording.
2. All the recorded files will be stored in the VOICE folder of the micro SD card.

5   Deleting Files

In MUSIC mode, press the [I◀◀] / [▶▶I] button to select your desired file, then press and hold the [AB] button until " dEL " flashes on the display, press the [AB] button again to delete the file.

6   How to Select FM Frequency Range

1. Push the [OFF/MP3/FM] button to "FM".
2. Press and hold the MUSIC folder button to select your desired frequency range. The display shows whether 76-108MHz or 87-108MHz is selected.

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7   Connecting with Computer

1. Connect with the USB cable to the computer.
2. Push the [OFF/MP3/FM] button to "MP3" or "FM" with PC shows on the display.
3. Open the music file from your computer, then you can listen to your desired music via this device.
4. You can also press on the [I◀◀] / [▶▶I] button of this device to select your music on your computer.
5. If you insert a micro SD card, you can use the computer to input or delete files directly.

Note:
To exit the audio speaker function, press and hold the [▶II] button, then the device will function as a battery charger.

8   Charging the Lithium Battery

- Adaptor (not included) with USB port: insert the lithium battery to the device, then connect with the adaptor for battery charging.

- USB cable: turn off the device, then connect with the PC for battery charging function.

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9   Questions and Answers

Q: I cannot turn on the device?
A: The battery power maybe too low, charge the battery then try again.

Q: I cannot play the music in the micro SD card?
A: 1. The device can play MP3, WMA or WAV format, if you have other than these 3 formats, it will not play, or the file is corrupted.
     2. The card maybe damaged.

Q: When I use it as a Computer speaker, it does not turn on?
A: Please follow below steps to try again: Connect the USB cable to the computer, turn on the device (set switch to MP3 or FM) then turn on the music player on your computer.

If you still cannot hear the sound, try the following steps.
1. Connect the computer with this device ➡ Turn on the device, use the mouse to open the speaker menu on the right corner of your computer ➡ select " Adjust Audio Properties".

Open Volume Control
Adjust Audio Properties
CH ▭   14:35

2. Select "Audio".

3. Select Default device option ➜ select "USB Audio Device" ➜ select "OK".

4. Connect your device with the computer, it should work properly.

Q: Why some stations are not stored when performing the ATS function?

A: For some stations the signal is too weak, or there may be too much interference. It is suggested to search and store the stations manually.

● Maintenance

1. Do not drop or damage the device, avoid contact with water.
2. Do not expose to temperatures below -5°C or over +50°C.
3. Do not clean the machine with chemicals.
4. Do not open the machine and change components, this will terminate the warranty.

● Note on Lithium Battery

1. The battery may explode if handled in an un-proper way.
2. You can only use the same type of battery.
3. Do not use it in an extreme cold or hot temperatures.
4. Never throw the used battery into fire.
5. When going onto an aircraft, do not place the battery into the checked-in luggage; place it into your carry-on luggage in the cabin.

● LED Display
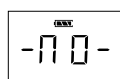
-ΠΟ-	85	03:05
No SD card or no file on card	Music number	Duration
PAUS	ΟΠΕ	ALL
Pause sign	Single music repeat	All repeat
PC	100.8 FM	CH:03
Computer Speaker / data communication	FM Frequency	Pre select station
00:05 REC flashing	00:05 REC	FULL REC
Recording	Pause/Rec.	Card is full
A- -	Ac □8 循环走动	LINE
Select start point	Select Repeat ending point	Audio Input
dEL	ΠF IL	
Delete file	No file in the folder	
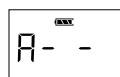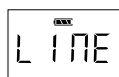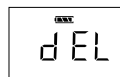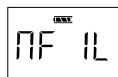
Power is full   Power is low   Power is exhausted (flashing)   Charging (flashing)

● Specifications

1. Music formats:	MP3/WMA/WAV
2. Recording format:	MP3/128Kbps
3. FM frequency range:	76-108 MHz
	You may select as you need
Used in all countries outside Japan and Russia	87-108 MHz
	Japan 76 -108 MHz
4. FM Noise sensitivity:	better than 3μV
5. Speaker size:	Φ40mm, 4Ω, 3W
6. Sound Response:	20Hz- 20kHz
7. Charger (Not included):	USB, 5V with current 250mA
8. Unit Size:	108 X62X 28mm

9. Recording time

SD Card	1G	2G	4G	8G
Recording Time	15 Hours	30 Hours	60 Hours	120 Hours

Note:
1. This chart shows recording on a blank card, maximum card supported is 32 GB
2. Each recording time is not limited, but the longest recording time is 60 minutes, over 60 minutes, it will create a new file.

● Included

2G Micro SD card......................................1 PC
Audio Cable..1 PC
USB Cable..1 PC