



Audio Support: WMA, APE, FLAC, WAV, AAC-LC, ACELP, MP3, OGG

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Upgrading history

Date	Version	Description
2021-02-27	1.0	New version release

Statement

1. Duplication, transmission, distribution and storage of any contents of this manual in any form without my company's prior written permission are forbidden.
2. During the compilation of this manual, we have strived for content correctness and completeness without guaranteeing any omissions or errors in this manual. The company will not be liable for errors or omissions that may appear in this manual.
3. We abide by sustainable development strategy, thus we reserve the right to make alterations and improvements to any of the products described in this manual without prior notice.。
4. In no case shall we be responsible for any loss of data or income, or any special, accidental, incidental or consequential damages regardless of the cause of the loss.

Matters need attention

This section is designed for user's proper usage and good player performance. Please read it carefully and obey it.

Do not strike the main unit.

Do not expose to chemicals such as benzene or thinner.

Please do not keep away from strong magnetic field or electric field.

Please avoid direct light or heating devices.

Do not disassemble, repair or remodel randomly.

Do not use the player and headphones when riding or driving a car or motorcycle to avoid danger.

Do not listen at a loud volume to avoid adverse hearing effects.

Discarded packaging, batteries, and used electronic products should be disposed properly.

Basic functions

Music play: support MP3, WMA, APE, FLAC, WAV, AAC-LC, ACELP, OGG format.

Record support: support FM, MIC recording. The format supports MP3, WAV, ACT.

FM Radio support.

Text document reading support.

Tool support: date, time, formatting and other functions.

Setting function: display and settings of each function attribute.

FAT16, FAT32, ExFAT/Fat64 file system support.

ADFU recovery and USB upgrade support.

Support Micro SD card.

Support multitask running

Support file navigation (and support hotkey start)

Preparation before use

Key function

1. **Startup & Shutdown keys:** Push to ON to startup, and push to OFF to shutdown

2. ▲/▼ Up and down keys

3. ◀/▶ Short press: the left and right keys, long press: fast forward or fast backward

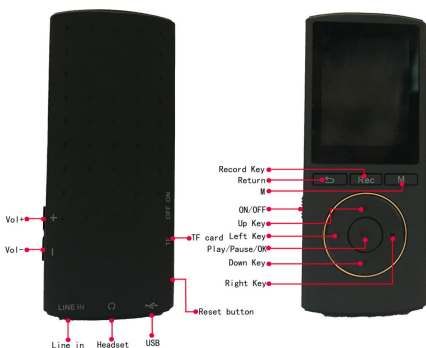
4. **OK** Short press Enter key

5. **M:** Short press: submenu popup

6. Return key: Short press: return to previous menu

7. Record key: Short press: volume minus, long press: record

8. +/—: Volume plus or minus



Key action definition

Action	Basic operation
Short press	Keypress time shorter than 1.2s
Long press	Keypress time longer than 1.2s
Hold	Press up and down keys to keep the mode

Note: Unless otherwise specified in this manual, short press is indicated.

Startup & Shutdown

Long press the Starting up key to boot.

When the system idle time reaches the user set shutdown time, the player automatically shuts down.

Low battery

When low battery appears, the player prompts low power once, and then automatically shuts down to enter the standby state. Do not restart at this time, please charge in time.

The recommended charger current specification is 500-1000mA.

TF Card

An TF card slot is on the side of the body for inserting a Micro SD card.

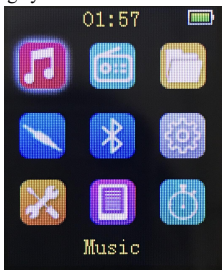


Connect to PC

In the on/off state, the PC connected with this player by using the provided USB cable will prompt a selection window of **removable disk**. Select a corresponding folder to copy files mutually.

Main interface

Enter following system main interface after start up:



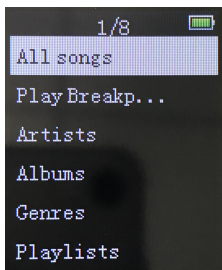
Music

Select the music app and press OK to enter the main menu option interface.

Support breakpoint resumed play and background play. Breakpoint play refers to exit point of the currently playing song for the latest time, only supported only in the ongoing playlist. Background play means user can enter any conflict free app g with the audio.

Music main menu list interface

The interface is shown as below:



Press ▲ and ▼ to switch up or down, press OK to select the option.

Menu options include: All songs, artists, albums, genres, playlists, refresh.

All songs: Display **all random play** and all song lists in memory.

Breakpoint Play: Connects to the latest time of song for resumed play.

Artists: The singers of all the songs in the internal memory are arranged in the alphabetical order of the first name.

Album: Displays in alphabetical order according to the title of the album.

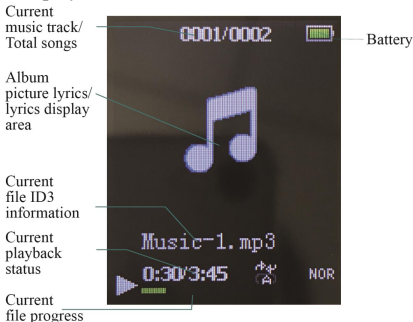
Genres: Display according to the built-in style of music downloaded.

Playlist: including "playlist [1], playlist[2], playlist[3]".

Folder browsing: User can play music in the main disc directory or card directory through browsing.

Refresh: Search for all music by refreshing.

Music play interface



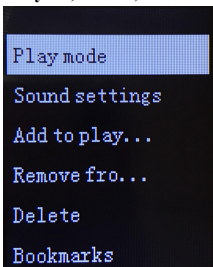
Press **OK** to switch between music play and stop, press ◀ and ▶ to move to the previous or next file. Press ◀ and ▶ for a long time to fast forward and fast backward.

Press the volume + key or volume - key to adjust the volume, the volume range 0 ~ 31.

Press **M** to enter the submenu interface.

Music submenu option

1. Press **M** when music play or pause play, then system enters submenu. The menu options include: **Play Mode**, **Play via Bluetooth**, **Sound Settings**, **Add to Playlist**, **Remove from Playlist**, **Delete**, and **Bookmarks**.



2. Press ▲ and ▼ to browse menu. Press the return key to return to the previous interface, press **OK** to confirm the options (same for other applications), press the return key to return to the previous interface.

3. When playing, under the submenu, without any operation for more than 30 seconds, the system automatically enters the corresponding music play or pause play interface (same for other applications).

Submenu (Playing)

Play mode: Select the **play mode**, display "Play music from ..., repeat, Shuffle, repeat settings";

Select "Play music from ... "option, display ... all songs, ... the artist, ... this album, ... the genre", press

▲ and ▼ to browse the menu. Press **OK** to confirm the options. If select ... all songs, the song is in all song catalogs; if select... this artist, the song is in the artist's catalog; and so on. Press the return key to return to the previous interface.

Select Repeat Play. Display "Repeat Play Off, Single Repeat, Play In Order, Browse Play". Select Repeat Play Off to stop playing after playing all the songs in the list; select Single Repeat to repeat and play the

current song repeatedly; select All Repeat to repeat all the songs in the current directory; select Browse Play to preview each song for 10 seconds.

Select Shuffle. Display "Off, On" and select any one to turn off/on Shuffle Mode.

Select Repeat Setting. Display "Replay Mode, Repeat Times, Repeat Interval". Selecting Repeat Mode, system will return to the music play interface. At this time, point A (repeat start point) in the upper left and right corners of the LCD flickers. Press ►, after confirming the current time selected as the start point for replay. Point B (repeat end point) begins to flicker. Press ► again to confirm the end time. AB repeat settings are completed. Select Repeat Times, Repeat Interval, and the system will start repeat accordingly ranging from 0-10.

Sound settings: Selected sound settings, display "equalizer, variable speed playback, volume limit";

Select the equalizer. Display "Off, Rock, Funk, Hip Hop, Jazz, Classical, Electronic, Custom", custom 7-band settings: 80Hz, 200Hz, 488Hz, 980Hz, 4KHz, 8KHz, 16KHz, Setting range: -12db to +12db.

Select variable speed playback, ranging from -8 to 8 (currently only support mp3 format), the normal speed is 0.

Select the volume limit, adjust the volume limit for audition if a song is playing. ∴ If the volume is 5, the volume limit is 8, the maximum volume cannot exceed 8 (No higher than the volume limit); if the volume is 5, the volume limit is 3, the volume will be reduced to level 3, and the maximum volume cannot exceed level 3.

Add to playlist: select **Add to playlist**. Display "playlist[1], playlist[2], playlist[3]", press ▲ and ▼ to select three lists. Press **OK** to select the list. Popup interface "Add xxx...to playlist [1]/[2]/[3]?" Select 'Yes' to add to the playlist.

Remove from playlist: Select **Remove from playlist**., display "playlist[1], playlist[2], playlist[3]", press **OK** to select any playlist if the playing song is in the list. Select the playlist to delete the song (only the song in the playlist can be deleted but kept in the song

directory).

Delete: Select **Delete** to delete the playing song.

Bookmarks: Select **Bookmarks**, Display "Add bookmark, Go to bookmark, Delete bookmark"

Select Add bookmark to add 10 bookmarks at most;

Select Go to bookmark. Select any bookmark, start playing from where you added the bookmark;

Select Delete bookmark and select any bookmark to delete.

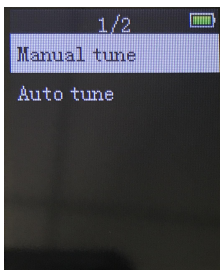
Submenu (Pause)

Same with "Submenu (Playing)".

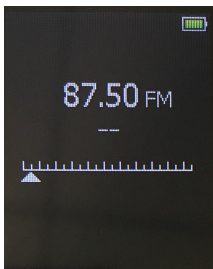
Radio

Main menu option

Press ▲ and ▼ to move up and down to select manual tuning and auto tuning. Start searching after press OK key to confirm



Radio interface



Preset station: Displays the preset station frequency. At most 30 frequencies can be saved.

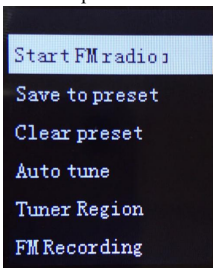
User Station: Displays the user's station frequency. Display at most 30 frequencies.

Manual tune: Press **OK** to enter manual tune. Press ◀ and ▶ to manually adjust radio stations. Adjust to a station, press **M** to enter submenu options, select **Save to Preset**, select any preset station frequency. Press **OK** to confirm the option. The station is saved on this preset station.

Auto tune: Press **OK** to enter auto tune. Display "Automatic tune the current preset channel or not"; select "Yes" to start auto search for radio station; select "No" to return to menu options.

FM recording: Press **OK** to enter the FM record library. If not recorded yet, it will prompt "FM radio recording not found". If file recorded, select the recorded file to play, or delete the recorded file completely.

Press **M** to enter menu options.



Start FM radio recording: Press **OK** to enter the FM inner-recording interface.

Save to preset: Select any preset radio frequency, press **OK** to confirm the option, and the station is saved in the preset station.

Clear preset: Press **OK** to confirm, automatically enter the preset station list, press ▲ and ▼ to move up or down to select any radio station and press **OK**. The message "Clear preset xx? Yes/No" will pop up.

Auto tune: After selecting this option, press **OK** to

return to the radio function interface and start searching for the radio station automatically. After searching for radio program, the system automatically saves the radio and displays **01** on the interface. Continue searching and save by number. Press the return key to stop searching. The stations searched is successfully saved. Press **OK** to switch between the saved stations in this band.

Tuner Region: Ordinary frequency band - frequency scope: 87.5MHZ-108.00MHZ

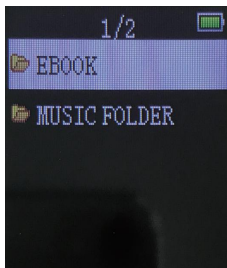
Japanese frequency band - frequency scope : 76.00MHZ-90.00MHZ

European frequency band - frequency scope : 87.50MHZ-108.00MHZ

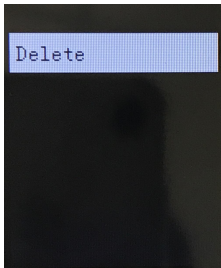
FM recording: Press **OK** to enter FM recording library. If not recorded yet, display the message “FM radio recording not found”. If the file is recorded already, select the recorded file to play. You can also delete the recorded file completely.

Folders view

Display all directories and files in the internal storage device::

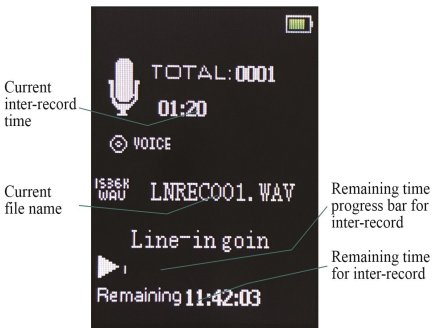


Select a file in the file list and press **M**. Display “Delete”, as shown in the figure below. Press **M** or return key to cancel deletion. Press **OK** to confirm Delete option.



Line-in

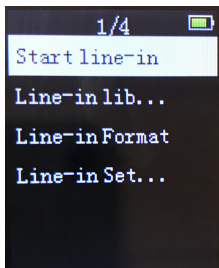
Line-in interface



Press **OK** to start/pause/resume recording. Press return key to exit the Line-in interface. Select “Yes/No” to save or not save the current recording, and return to the menu option interface.

Menu option

Press **OK** to enter the record menu option. Menu options include: **Start line-in, Line-in library, Line-in Format, Line-in Settings.**



Start line-in: Connect the MP3 player's LINE-IN earphone port to the compatible device's earphone port with audio cable. Press **OK** to enter the line-in interface and start recording the line-in audio file.

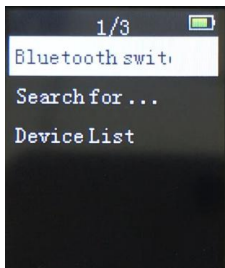
Line-in library: Enter line-in library, if no audio file is recorded yet, prompt "No line-in recording is found". If the file is already recorded, select the recorded file to play, or delete the recorded line-in file completely.

Line-in format: Select mp3 or wav as line-in format

Line-in settings: Display "Line-in bit rate, line-in sub-item avr mode"; wav format is optional for the recording bit rate: 512 kbps/768 kbps/1024 kbps/1536 kbps (mp3 format: 32 kbps/64 kbps/128 kbps/192 kbps). Ordinary mode and automatic sub-item and avr mode can be selected. AVR mode supports the voice control function. When the volume of the audio source is very small lasting for a while, it enters the record pause mode. It continues to record when the volume is restored above the threshold value.

Bluetooth

Press **OK** to enter Bluetooth



Bluetooth switch control: Press ▲ and ▼ to select “BT on/off” press **OK** to confirm.

Search device: Press **OK** to confirm to re-search device.

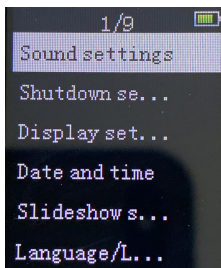
Device List: Press **OK** to confirm to check the devices that can be paired.

Bluetooth connection steps:

1. First turn on the Bluetooth device.
2. Select the Bluetooth function icon and press the ok button to enter the Bluetooth function.
3. Automatically enter the search state.
4. After the search is completed, the list of searched devices will appear. Select the device to be connected, press ok to confirm, select pairing, and enter the pairing state. After the pairing is successful, the Bluetooth icon in the upper right corner will no longer flash, and the Bluetooth icon will become green.
5. After the pairing is completed, press the Back button to return to the main interface. Then enter the music or radio function to listen.

Settings

Enter the Settings interface as follows:



1. Sound settings similar to music module.

2. Shutdown settings: Display "Sleep timer, Auto off".

Sleep timer: Time range: 1 min~99 min.

Auto off : Options: off, 3 minutes, 10 minutes, 30 minutes.

3. Display settings: Brightness, backlight timer and screen protection.

Brightness: Range 0~11, default is 5 (default value is 5).

Backlight timer: During this period, if no key operation, the backlight will turn off. Available values: 10 seconds, 20 seconds, 30 seconds and always on.

Backlight time settings are invalid in the following interfaces: 1) Video play interface; 2) E-book reading interface; 3) USB connection interface.

Screen protection: Options: **None, Digital Clock, Screen Off, Demo Mode**

4. Date and time: Adjust date and time

Press ◀ or ▶ to switch between year, month, hour, minute and second. Press ▲ and ▼ to adjust the number. Press OK to save. Press return key to exit the Settings interface. Note: After the date and time values are set, press OK to save the setting successfully.

5. Slide show settings: same as photo module.

6. Language : Support languages : Simplified Chinese, Traditional Chinese, English, Japanese, Korean, French, German, Italian, Dutch, Portuguese, Spanish, Swedish, Czech, Danish, Polish, Russian, Turkish, Hungarian, Romanian, Arabic, Hebrew, Thai,

Indonesian, Greek.◦

7. Information : Display "player info, disk space, supported file types"

Player info: Display model, software version, and support site

Disk space : Display available space, total space, number of songs.

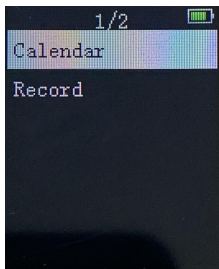
Supported file types: Display supported music.◦

8. Formatting device: no other memory directly prompts whether or not formatting operation on the master disk is performed. If there is other storage in the small device, press OK to enter Formatting device and display main directory and other directories. Press ▲ and ▼ to select the storage, press OK to confirm the device for formatting.

9. Factory setting: All settings are restored to initial values (Recover backlight brightness, screen protection mode, backlight time, shutdown time, volume, ..., etc. The current background play will not stop). If time is set, the initial value of the time will not be restored in this operation.

Tools

Press **OK** to enter the Tools interface as follows:

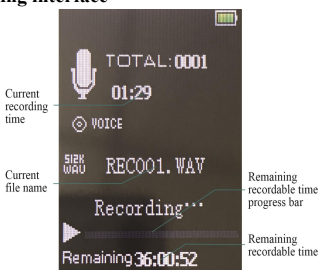


Calendar: Press **OK** to enter the Calendar and press ◀ or ▶ to view the date. Press return key to exit.



Recording

Recording interface



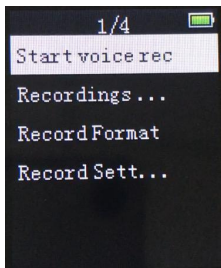
Press **OK** to start/pause/resume recording again. Press the return key to exit the record interface, select “Yes/No” to save or not save the current recording, and return to the menu option interface.

Menu options

If a battery-low signal appears during the pause, the system will automatically save the recording and return to the record function interface

System will prompt "full disk space!" when the disk is full.

Press **OK** to enter record menu options. Menu options include: **start voice recording, recording library, record format and recording settings.**



Start voice recording: Press **OK** to enter the record interface and start recording voice files.

Recording library: Enter the recording library. If no audio file is recorded, display the message "Voice recording not found"; If the file is recorded, select the recorded file to play, or delete all recorded audio files.

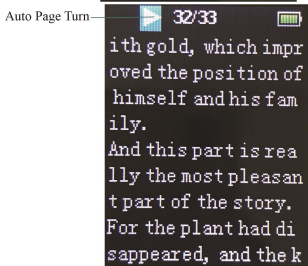
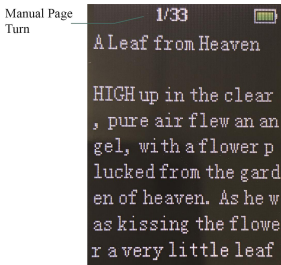
Record format: Enter the record format to select mp3 or wav or ACT format.

Record settings: Shows "Record source, record bit rate, music avr mode". wav format is optional for record bit : 512 kbps/768 kbps/1024 kbps/1536 kbps (mp3 format: 32 kbps/64 kbps/128 kbps/192 kbps); the avr mode is optional for normal mode and avr mode. AVR mode supports the voice control function. When the volume of the external audio source is very small continuously for a while, it enters record pause mode and continues recording when the volume is restored above the threshold.

E-book

Press **OK** to enter the e-book text file list interface.

Press **OK** to confirm opening the text file, display the current page number of the file and the total page number (the total page numbers are calculated in the background). Press ◀ or ▶ to page forward or backward. During the e-book browsing, press **OK** to switch between manual and automatic page turn. Press **M** key to enter the submenu options and press the return key to exit.

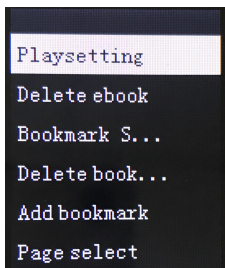


Menu option

In text file list interface, press **M** to enter the sub-menu, menu options include **autoplay time settings, delete e-books.**

Auto-play time settings: Set automatic play interval: 2~30s

In the text reading interface, press **M** to enter submenu 2. Submenu options include **auto-play time settings, delete e-books, bookmark selection, delete bookmark, add bookmark and page select.** Bookmark function of the similar music app. Each text file supports 16 tags for the most.



Page select: User chooses to enter Page Option interface, press ◀ or ▶ Scroll up and down the page list, press OK to select the number of page, and press M and return key to exit.

Stopwatch

Press **OK** to enter the Stopwatch, press OK to start timing, and press ▼ start timing in the next time point. Press ▶ to clear 0. Press OK to pause/start. Press the return key to exit.



FAQ:

1. How to create a playlist and put my favorite songs together?

Playlist function can be realized by two ways: Firstly, in the MUSIC application, select "All songs", select the song you want to listen to, press the M key, select "Add into playlist", select the playlist you want to add, and select "Yes".

The second method is to connect the MP3 with a USB cable. Create a new folder In the MUSIC folder of the

computer end according to your preferences. Then you can see the folder you created in the MP3 folder application and select Play.

Please note that the folders you create on the computer will only be synchronized to the MP3 folder application. But you can only see the added song files in the MUSIC application without seeing the folder classification.

2. Why can't I find my Audiobook?

Our products only support following formats: MP3, WMA, APE, FLAC, WAV, AAC-LC, ACELP, OGG.

Please make sure that the audio book format you downloaded is in the support list. The Audiobooks beyond the list format can be downloaded to the MP3 but cannot be displayed in the MUSIC application. Please understand if any inconvenience brought to you.

3. No charging after one-month use.

If long-time no use, it needs to be charged for 10 minutes to activate when it is used again.

4. How to play my favorite singer's music.

Firstly, Create a new folder (name by user self) in player internal memory on your PC, and then copy in the categorized music of the singer. Check the [Folder View] menu in the music function of the player and play the music.

5. Bluetooth devices cannot be found.

If no devices can be found after Bluetooth function is on for a while, Please press the reset key to re-enter the Bluetooth search.

6. Do not connect to PC.

- Please unplug ON/OFF key to restart it. And use a USB cable to connect the PC and check whether recognizable or not.

- If it doesn't work, try another USB cable or another PC. If a desktop computer, try connecting to the rear USB port of the computer which is relatively stable and easily recognized by the computer. If a laptop, try another 2.0 USB port.

Troubleshooting

1. Why is my MP3 not starting up?

Please try following steps: Plug in and unlock the key

-If the screen shows charging or starting up within 10 minutes, the battery has no power (low power protection). Please wait for the battery full and continue to using. It usually takes 4 hours for fully charging. (Power-on and charging times depend on the size of the charging current)

2. Why is there no response after pressing keys?

Please try following operations:

-Check the position of the lock key. If the lock key is open, turn it on

- Press long Power OFF key for 8 seconds, or use the fine needle to press the reset hole below the device to reset.。

- Please contact customer service if problems cannot be solved by previous two steps.

3. I downloaded 5 songs, but why can I see 1 in MP3?

- Please check whether song format you downloaded is in the support list. Unsupported media type cannot be displayed in the MUSIC program.。

- Please play the downloaded song after fully loading or enter MUSIC interface to select "Refresh" option.

FCC Statement

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The device has evaluated to meet general RF exposure requirement. The device can be used be in portable exposure without restriction.