

AVIT
(AMP-2000/5000)

User's Guide

For models available for firmware upgrade and how to upgrade, see related notices and/or resources (Download) at our homepage.

www.avitmp3.com

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- As for operating systems (OSs) requiring an installation driver:

Windows 98/SE users need only to install the driver once before using this product.

- As for other OSs:

Windows 2000/ME/XP users do not require any installation driver. Whenever you connect this product to the USB port, it will be identified as a portable drive (removable disk).

- AVIT is the trademark of Alltec Electronics. Co., Ltd.
- Windows is the trademark of Microsoft Corporation.
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Precautions

For safety

We recommend you should AVOID:

1. Putting the MP3 player under direct sunlight or near heat (e.g. around a heater);
2. Putting metallic or flammable foreign substances into the MP3 player;
3. Disassembling or remodeling the MP3 player randomly;
4. Leaving the MP3 player in a damp/dusty/sooty place for long seconds (This may lead to failure);
5. Spreading/pouring water directly on the MP3 player in cleaning it;
6. Dropping the MP3 player or give a severe shock to it;
7. Putting the MP3 player around magnetic materials or on a vibrating site;
8. Putting the MP3 player on a site with high humidity and/or fluctuating temperature; and,
9. Pressing several buttons at a time or disassembling the MP3 player.

For headphone use

1. When you are driving a vehicle, including bicycle and motorbike, you need to take off your headphone or earphone. If you wear it, this may cause physical/property damage and this may be illegal in some states.
2. If you keep the volume high for hours, this may get you dizzy and/or deafened. In such a case, please turn it down or stop playing for a while.

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Contents

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1. Name of each part

1-1. Front and rear side

Ring for connecting necklace

Display

Selection button for all songs

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Selection button for a next song

Menu button

Reset button

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1-2. Left and right side

Power ON/OFF (Play/Stop)

Recording/Block Repetition setting

USB port

Volume button (ESC)

Hold switch

1-3. Top

Line-in for encoding (Red)

Ring for connecting necklace

Earphone jack

1-4. How to use keys (buttons)

Button type	Button image	Descriptions
Menu button (MENU)		Roll this button up/down once to shift menus / search for songs Keep rolling the button up/down to go speedily forward/backward during play Press the center button of the MENU button to select a menu Press and hold the center button of the MENU button to shift from the MP3 mode to the Radio mode
Power button (POWER)		Press this button to turn the power on, play a song, and select to delete a file/radio mode Press and hold the button to turn the power off
Record button (REC)		Press this button to shift FM mode, pause recording, and continue the recording Press and hold this button to start/complete recording
End button (ESC/END)		Press (+) or (-) once to return to the previous mode from a menu mode, cancel a selection, and tone up/down while playing
Hold button (HOLD)		To get all and every operation "locked", push this button up following the arrow direction.
Reset button (RESET)		To initialize the MP3 player, push this button seen on the rear side with a thin tool. Please use this button in case of an abnormal operation.

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2. Display configuration and components

2-1. Display configuration

- 1) Play status
- 2) File format
- 3) Equalizer
- 4) Block repeat
- 5) Repeat mode
- 6) Charge mode
- 7) Battery level
- 8) Hold function
- 9) Volume
- 10) Time
- 11) Current song title
- 12) Next song title
- 13) Playing
- 14) Current folder
- 15) Current song index/Total No. of songs

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2-2.Components and accessories

- AVIT MP3 player
- Earphone
- Necklace
- USB extension cable
- USB mini cable
- Audio line-in cable
- Installer CD
- User's Guide
- Carrying case (Optional)
- Arm band (Optional)
- AC adapter (Optional, sold separately)

2-3. About icons

Icon type	Operation	Descriptions
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- File play icon

Play Starts playing a file.

Pause Stops Recording/Play temporarily.

Standby The MP3 player is ready to operate in MP3 mode.

Stop The MP3 player stops.

Recording Recording is performed.

Playing A file is playing.

- Equalizer icon

Standard The equalizer is in Standard mode.

Rock The equalizer is in Rock mode.

Pop The equalizer is in Pop mode.

Jazz The equalizer is in Jazz mode.

Classic The equalizer is in Classical mode.

- File repetition icon

All Consecutively plays all MP3 files

Bookmark Consecutively plays bookmarked files

Folder Consecutively plays files in a folder

One song Plays a single song repeatedly

Standard Plays files in a folder once

Icon type	Operation	Descriptions
● Block Repetition mode icon		
Section AThe starting point for block repetition		
Block repetition	Consecutive play from a set section A to a section B	
Section B	An ending point for block repetition	
● Others		
No. of songs	Front: Current song's index Back: Total No. of songs	
Time	Ongoing play time of a current song	
Bookmark	A bookmarked file	
Volume	Volume level display	
Battery	Battery level display	

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3. How to install an installation driver on Windows 98

*. On Windows ME/2000/XP, you don't have to install this driver. Once connected, the MP3 player will be ready to work.

Operation type	Operation image	Descriptions
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Before installing See "How to connect the MP3 player to the PC" for the connection to the computer.

Insert the driver CD. Put the Installer CD into the CD-ROM drive.

* As Windows 98 or lower version cannot identify USB devices, you need to complete the driver installation for the MP3 player.

Make an access to the installation file. With the CD inserted, double-click My Computer on the screen. On the next screen, double-click the CD-ROM drive.

Install the driver (1). Double-click the "install" file icon.

Install the driver (2). The installation process gets started.

Operation type	Operation image	Descriptions
Install the driver (3).		The driver file is installed and a folder named "alltec" is created in the Program Files folder.
Install the driver (4).		When connecting the USB port of the MP3 player to your PC, you can see the following screen on the PC.
Install the driver (5).		Select "Search an appropriate driver for the device" and click "Next".

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Operation type	Operation image	Descriptions
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Install the driver (6). Select "Select a location to search" for search and set the alltec folder in the Program File as the path.

Install the driver (7). The screen appears to search the driver.

The driver file is completely installed. The screen indicates the installation process gets finished.

4. How to connect the MP3 player to the PC

4-1. Connecting the MP3 player to the PC and the USB port

Operation type	Operation image	Descriptions
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Connect the MP3 player to the PC. Connect the USB port seen at the right bottom of the MP3 player to the USB ports of both the PC and the USB HUB.

- When the MP3 player is connected to the PC through the USB cable, the product will be automatically charged.
- As for the USB port, you need to use a dedicated cable provided by Alltec Electronics only.

4-2. Connecting the MP3 player to the AC adapter (This device is optional and sold separately.)

Operation type	Operation image	Descriptions
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Adapter If you bought this optional adapter, connect the USB jack of the adapter to the USB port of the MP3 player as seen in the figure.

- Please see the cautions described on the next page.

Operation type	Operation image	Descriptions
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* Cautions When you connect the USB cable to the MP3 player, the “rectangle” figure of the cable port should be seen on the top.

The “triangle” figure, on the other hand, should be placed on the bottom.

If you force the USB cable into the hole, this may cause product failure.

The connection is completed. When the installation gets finished, plug the AVIT MP3 player into the USB port (and double-click My Computer), and you can see the player identified as a removable disk on My Computer.

If the removable disk icon is not made on My Computer, please visit our homepage (www.avitmp3.com).

Check the connection status. The screen appears on the MP3 player when the USB device is properly connected.

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5. How to send a file from the PC to the MP3 player

Operation type	Operation image	Descriptions
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Before transferring See "How to connect the MP3 player to the PC" for the connection to the computer.

Check the removable disk. Double-click My Computer on Desktop to check the new removable disk (storage). Double-click it to open the Explorer window.

Copy MP3 and common type files. Open a folder containing MP3 files in the computer and select a file(s) to get the file sent to the removable disk.

* One folder can hold up to 999 files in it.

Cautions during data transfer If the edge of the blue MENU button (on the MP3 player) shows blinking blue light, this means data is being sent. DO NOT disconnect the MP3 player from the PC during the time. If so, the MP3 player may work abnormally, with the data lost.

Operation type	Operation image	Descriptions
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Disconnect the MP3 player from the computer After the transfer, click the icon in right on Desktop to see a message "Remove hardware". Click on the message, and the MP3 player will be safely removed from the PC.

As for Windows 98, when the file transfer is completed, the MP3 player will be disconnected from the PC with no removal process.

The screen appears after the disconnection. When you unplug the USB cable after the file transmission, the following screen will be displayed on the LCD display of the MP3 player.

The disconnection is completed. When the USB connection is released, the power will automatically turn on, going into the initial screen of the STOP mode.

When you press the POWERON/OFF button, a file will be played.

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6. How to turn the MP3 player on/off

Operation type	LCD display	Used button	Descriptions
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Turn on the power. When you press the POWERON/OFF button quickly, the power will be on.

Turn off the power. When you press and hold the POWERON/OFF button for about three seconds with the MP3 player on, the power will be off.

7. How to play a file

Operation type	LCD display	Used button	Descriptions
Before playing	The screen initially appears when the power gets on.		
Play (PLAY)	When you press the POWERON/OFF button quickly, a song will be played.		
	When you press the button quickly again, this will make the MP3 player pause.		
Select FF (next song) or REW (previous song) in STOP mode	When you press the		
	POWERON/OFF button while playing, this will make the MP3 player pause.		
	When you press the MENU button as seen below, you can select either		
the next song	or	the previous song.	

Operation type	LCD display	Used button	Descriptions
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Select FF (Fast forward) or REW (Fast rewind) in PLAY mode When you quickly roll the MENU button up/down, you can select the next song or the previous song.

When you keep rolling the MENU button up/down as seen in the figure below with a song played, the song will go either

fast forward or fast backward

* Depending on the bit rate type of a file, the initial proceeding time and the actual proceeding time may differ from each other.

When there is no file to play When there is no file in the folder of the MP3 player, "NO FILE!" message appears.

8. How to set up the equalizer

Operation type	LCD display	Used button	Descriptions
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Select a MENU When you quickly press the MENU button in the STOP mode, you can see the MENU mode.

* In the MENU mode, if there is no key input for a certain period, the mode will automatically move to the previous mode.

Set the equalizer (To find an appropriate sound mode for optimized sound quality of an MP3 file).

When you roll the MENU button up in the MENU mode, you can select a menu you want.

With one operation, you can select "equalizer".

When the equalizer is lit, press the MENU button quickly to enter the EQUALIZER mode.

Select the equalizer (1). When you roll the MENU button up/down in the EQUALIZER mode, you can select the mode you want.

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Operation type	LCD display	Used button	Descriptions
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Select the equalizer (2). Type of EQUALIZER mode

- 1) Standard
- 2) Rock
- 3) Pop
- 4) Jazz
- 5) Classical

Exit a menu/go to the Main menu. After you select an EQUALIZER mode, the menu will automatically return to the Main menu.

When you press the ESC key, the Main menu will appear.

9. How to set repetition mode

Operation type	LCD display	Used button	Descriptions
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Select a MENU When you quickly press the MENU button in STOP mode, you can see the MENU mode.

Repetition setting (For setting file repetition) When you roll the MENU button up and down in MENU mode, you can select a menu you want.

If you push the button up twice, you can select the Repetition Setting mode.

When the Repetition Setting icon is lit, press the MENU button quickly to enter the Repetition Setting mode.

Standard mode This screen initially appears in the Repetition Setting mode.

By default, the MP3 player is set as the Standard mode. To select a mode, roll the MENU button up and down until the desired mode is lit, and press the MENU button quickly.

When a mode is selected, the screen will automatically move to the Main menu.

1) Standard mode – All songs in a selected folder will be played once.

Operation type	LCD display	Used button	Descriptions
One song	2)		Repetition mode for one song – The MP3 player will consecutively play one selected song in a selected folder.
All	3)		Repetition mode for all songs - The MP3 player will consecutively play all and every song in it.
Bookmark	4)		Bookmark mode - The MP3 player will consecutively play all of selected songs in a selected folder.
* To use this mode, you need to have bookmarked songs. Without any, the screen will show a message “There is no bookmarked songs”.			
As for Bookmark, see page 32.			

Operation type	LCD display	Used button	Descriptions
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Folder 5) Repetition mode for a folder - The MP3 player will consecutively play all and every song in a selected folder.

Bookmark notes If you select a file other than bookmarked ones, the Bookmark mode will be automatically disabled although you selected the Bookmark mode.

Set to Bookmark-> Select a file other than bookmarked ones -> Return to Standard mode automatically

Exit a menu/go to the Main menu. After you select a mode, you can go back to the Main menu by pressing the ESC key.

10. How to set Navigation mode

Operation type	LCD display	Used button	Descriptions
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Select a MENU. When you quickly press the MENU button in the STOP mode, you can see the MENU mode.

Set the Navigation mode (To promptly search/set/delete a song you want in a convenient way).

When you roll the MENU button up and down in MENU mode, you can select a menu you want.

If you push the button up thrice times, you can select Navigation mode.

When the Navigation icon is lit, press the MENU button to enter the Navigation mode.

Select a Navigation file (To search/select an MP3 file). This screen initially appears in the Navigation mode.

By default, the MP3 player is set as "Select an MP3 file". To select a mode, roll the MENU button up and down until a desired Navigation mode is lit, and press the MENU button.

Operation type	LCD display	Used button	Descriptions
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Select a Navigation file. This screen initially appears in the file selection mode when you press the MENU button.

From the top, you can see a folder name with the MP3 file names in the MP3 player listed below. Select/change a Navigation file. When an MP3 file you want is lit, press the POWER ON/OFF button to select a song.

After a file is selected, the screen will go back to the initial MP3 play screen with the selected song played.

Select the next file. If you want a song in another folder, roll the MENU button up and down in the file selection mode until a desired folder name is lit, and press the MENU button.

To go to the upper folder (ROOT), wait until the arrow icon is lit, and press the MENU button.

No. of directories found in the ROOT directory

No. of files in the ROOT directory

Operation type	LCD display	Used button	Descriptions
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Shift to Bookmark mode (It helps you select a file(s) you want). This screen initially appears in the Bookmark mode.

Press the MENU button to enter the Shift to Bookmark mode. Press the MENU button until a file you want to select is lit, and press the MENU button. Then, the icon will turn to Bookmark icon as seen in the figure, which means the file is bookmarked. If you do not want this setting, press the MENU button again to get the Bookmark setting cleared.

* Bookmarked files may stay in different folders.

Folder deletion mode (It helps you delete an existing folder.) Roll the MENU button up and down until the Folder deletion mode is lit, and press the MENU button to go into the mode. When you are rolling the MENU button up and down until a desired folder is lit, press the MENU button to go into that folder.

When a desired folder is lit, press the POWER ON/OFF button to delete the folder. However, all the MP3 files in the folder are deleted while the folder itself is intact.

When all the files are deleted, the screen will automatically move to the Main menu.

* The MP3 player itself cannot delete a folder. If required, connect the MP3 player to the USB port of a PC and go to "My Computer -> Removable disk" to delete/change the corresponding folder.

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Operation type	LCD display	Used button	Descriptions
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Select File deletion mode (To delete some of existing files). Roll the MENU button up and down until the File deletion mode is lit, and press the MENU button to go into the mode.

When you are rolling the MENU button up and down until a desired file is lit, press the POWER button to delete the file.

Alternate YES/NO. -> Roll the MENU button up and down.

Select YES/NO. -> POWER ON/OFF button.

When you select an operation, the screen will automatically go to the Main menu.

11. FM radio

Operation type	LCD display	Used button	Descriptions
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FM radio mode (This setting enables you to listen to FM radio broadcasting.) 1) In the Navigation mode, roll the MENU button up and down until the FM radio menu is lit, and press the MENU button to go to the FM radio mode.

2) In the initial MP3 screen, press and hold the MENU button for about three seconds to jump to the FM radio mode.

Initial screen of radio mode This screen initially appears in the FM radio mode.

Tune the radio. Rolling the MENU button up and down, you can tune the radio to your favorite station.

Operation type	LCD display	Used button	Descriptions
Store an FM channel (To automatically/manually save a frequency).			In the initial screen, press the MENU button to get channels automatically stored.
Alternate YES/NO. -> Roll the MENU button up and down.			Select YES/NO. -> Press the MENU button.
			When you select "YES", channels are automatically searched to sequentially go to the index. Selecting "NO" makes the menu to turn to the next one. To go to the Main menu, press the ESC button.
			* This will make the display turn off with the button lamp blinking. This aims at better Rx sensitivity.
Select Rx sensitivity (To set frequency sensitivity. In HIGH mode, the MP3 player can detect frequency with higher sensitivity only, while other frequency may not be detected.)			In the automatic storing menu, press the MENU button to go to Rx sensitivity setting mode.
			The options include: HIGH/MID/LOW. Select a desired mode by rolling the MENU button up and down until the corresponding mode is lit. Then, press the MENU button.
			After the setup, the screen will automatically show the next mode.
			To go to the Main menu, press the ESC button.
Select FM band (To set frequency bandwidth).			This screen initially appears in the FM band (frequency bandwidth) setting. In the Rx sensitivity menu, press the MENU button to go to the FM band setting mode, which helps setting of frequency band. You can choose band from either USA or Japan. The selected band is displayed on the top of the LCD display. How to select one is the same as that of the Main menu. After the setup, the screen will automatically go to the next mode.
			* USA: 87.5 ~ 108MHz (Same as South Korea)
			Japan: 76 ~ 108MHz

Operation type	LCD display	Used button	Descriptions
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Select sound setting (To set appropriate sound in listening to FM radio). This screen initially appears in the sound setting mode. In the FM band menu, press the MENU button to go to the sound setting mode.

The options include: STEREO and MONO types. The status is displayed on the top of the LCD display. How to select one is the same as that of the Main menu. After the setup, the screen will automatically go to the next mode.

* Although STEREO has been set, MONO will be seen if the Rx frequency is in MONO.

Store a channel manually (To manually search for frequency and save it). This screen initially appears in the manual FM channel storing mode. Roll the MENU button up and down until a channel you want is selected. Then, press the POWERON/OFF button to go to the manual storing mode.

Rolling the MENU button up and down makes the channel to be saved with an index you want.

An index with a channel saved will be lit.

After the storing, the screen will automatically go to the next mode.

Operation type	LCD display	Used button	Descriptions
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Store a channel automatically (To automatically search for frequency and save it). This mode helps you automatically search for frequency to store a channel.

Select YES in the automatic channel storing mode in the FM menu.

Upon this, the MP3 player will search for frequency to sequentially store it to the index.

After the storing, the screen will automatically go to the Preset mode.

* Where, it is desirable to set the Rx sensitivity as LOW to store more frequency.

Preset mode (This setting helps you easily select frequency stored in the automatic/manual mode.) With this, you can conveniently select a stored frequency as if it were a channel.

In the manual mode, press the REC button quickly to select the Preset mode.

Roll the MENU button up and down until a channel you want appears.

Operation type	LCD display	Used button	Descriptions
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Record FM radio (To record FM broadcasting to turn it into an MP3 file). When you want to record the FM broadcasting you are listening to, press the REC button for about three seconds to get it recorded.

* In case available memory is not sufficient during the recording, a message "DISK FULL" appears with the last file stored.

Pause recording FM radio. When you press the REC or POWER ON/OFF button for a split second during the recording, the recording will pause. If pressed again, the recording will go back on.

Store recorded FM radio contents to a file. After the recording, press the REC button for about three seconds to automatically store the file to the FM folder and to go to the Main menu.

Operation type	LCD display	Used button	Descriptions
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Store recorded files consecutively. When you push the MENU button up during the FM recording, the file "FM00001.MP3" will be stored, with the recording automatically continuing with the file "FM00002.MP3".

Check the proceeding time for FM radio recording (To check available recording time for FM radio or ongoing recording time). When you quickly press the center button seen in the MENU key, available recording time and/or ongoing recording time will be displayed on the top of the LCD display.

12. Configuration mode

Operation type	LCD display	Used button	Descriptions
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Configuration mode (This setting helps you check basic configurations of the MP3 player.)

In the MENU mode, roll the MENU button up and down so that you can select a menu you want.

Pushing the button up four times, you can select the Configuration mode.

When the Configuration icon is lit, press the MENU button to go to the Configuration mode.

Initial screen of Configuration mode This screen initially appears in the Configuration mode.

Roll the MENU button up and down until a menu you want is lit. Then, select one by pressing the MENU button.

Format all (To format all and every content in the MP3 player at a time). Roll the MENU button up and down until a folder you want is lit. Then, select one by pressing the MENU button.

When you select YES, all the contents in the MP3 player will be formatted.

When you select NO, the screen will automatically go to the Main menu.

* When you want to format the MP3 player connected to the PC, change the formatting method of the file system to FAT before formatting.

Operation type	LCD display	Used button	Descriptions
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Check firmware version (To check the latest firmware version). When you press the MENU button, you can see the firmware version in the menu.

To move to the Main menu, press the MENU button quickly or press the ESC button.

* Firmware version items

Year Month Date

Memory capacity (This setting helps you check the current memory status of the MP3 player.)

With this, you can check the available memory capacity of the MP3 player.

When you press the MENU button quickly, the screen shows the memory usage in the menu.

Capacity: Total memory amount of the MP3 player

Usage: Memory amount in current use

Remaining amount: Available memory amount

To move to the Main menu, press the MENU button quickly or press the ESC button.

Operation type	LCD display	Used button	Descriptions
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SLEEP setting (This setting turns off the MP3 player in a set period. It would be convenient for you to use this setting at bedtime.) When you press the MENU button quickly, the screen shows the menu.

Roll the MENU button up and down until a SLEEP time you want is lit. Then, select one by pressing the MENU button quickly.

The options include: NO, 30 minutes, 60 minutes, and 120 minutes.

When you select one, the screen will automatically move to the Main menu.

Select recording (To select the recording method). With this, you can select a recording method.

When you press the MENU button quickly, the screen shows the menu so that you can select a mode.

Roll the MENU button up and down until a mode you want is lit. Then, select one by pressing the MENU button quickly.

Voice: This setting enables you to record with the built-in mike of the MP3 player without the help of any external devices.

Line-in: Contents are put from external devices through other media.

To move to the Main menu, press the MENU button quickly or press the ESC button.

Operation type	LCD display	Used button	Descriptions
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Sound quality of mike (This setting helps you set the sound quality of mike in voice recording. The larger the set figure is, the better the quality is.) With this, you can select the sound quality of the mike.

When you press the MENU button quickly, the screen shows the menu.

Roll the MENU button up and down until a quality setting you want is lit. Then, select one by pressing the MENU button quickly.

The options include: 8Kbps ~ 128Kbps.

When you select one, the screen will automatically move to the Main menu.

Sound quality of line-in (This setting helps you set the sound quality in line-in recording. The larger the set figure is, the better the quality is.) With this, you can select the sound quality of the line-in.

When you press the MENU button quickly, the screen shows the menu.

Roll the MENU button up and down until a quality setting you want is lit. Then, select one by pressing the MENU button quickly.

The options include: 32Kbps ~ 160Kbps.

When you select one, the screen will automatically move to the Main menu.

Exit a menu. After you select a mode, you can go back to the Main menu by pressing the ESC key quickly.

13. Screen setting mode

Operation type	LCD display	Used button	Descriptions
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Screen setting mode (This setting helps you set the display of the MP3 player.) In the MENU mode, you can roll the MENU button up and down until a menu you want is selected. When you push the button up five times, the Screen setting mode is selected. When the Screen setting icon is lit, press the MENU button quickly to go to the Screen setting mode.

LCD ON time (This setting helps you set the time when the display is activated.) This screen initially appears in the Screen setting mode. Roll the MENU button up and down until a menu you want is lit. Then, select one by pressing the MENU button quickly. With this setting, you can set how long the LCD screen will be on. Roll the MENU button up and down until a time setting you want is lit. Then, select one by pressing the MENU button quickly. The options include: 10 seconds, 15 seconds, 30 seconds, and 60 seconds. When you select one, the screen will automatically move to the Main menu.

Operation type	LCD display	Used button	Descriptions
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Language setting (This setting helps you set the language seen in the display of the MP3 player.) With this setting, you can select a language displayed in the LCD display.

Roll the MENU button up and down until a language you want is lit. Then, select one by pressing the MENU button quickly.

The options include: Korean and English.

When you select one, the screen will automatically move to the Main menu.

Select the display (To show file information). Roll the MENU button up and down until a form you want is lit. Then, select one by pressing the MENU button quickly.

The options include: a file name and ID3 TAG.

When you select one, the screen will automatically move to the Main menu.

* File name – Formed with a file name and the extension.

ID3 TAG - Displaying the information on the corresponding song (such data as the singer, album, and song title)

Exit a menu/go to the Main menu.
pressing the ESC button quickly.

After the setting, you can go back to the Main menu by

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14. Exit a menu

Operation type	LCD display	Used button	Descriptions
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Exit a menu With this, you can exit the MENU mode after all settings are made.

Roll the MENU button up and down to select the exit. Then, press the center of the MENU button quickly to exit the menu.

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15. Recording

Operation type	LCD display	Used button	Descriptions
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Voice recording (This setting helps you record with the built-in mike of the MP3 player.)The mike is installed in the front center of the MP3 player.

To activate voice recording, set the recording mode as Voice.

Select recording (To select recording method). With the MENU button, select MENU -> Configuration -> Select recording -> Voice.

* See page 42 for the recording setting in the Configuration mode.

Sound quality of mike With this, you can select the sound quality of the mike.

When you press the MENU button quickly, the screen shows the menu.

Roll the MENU button up and down until a quality setting you want is lit. Then, select one by pressing the MENU button quickly.

The options include: 8Kbps ~ 128Kbps.

To exit the mode, press the ESC button.

When you select one, the screen will automatically move to the Main menu.

Operation type	LCD display	Used button	Descriptions
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Recording This screen initially appears in the voice recording mode.

When you press and hold the REC button for about three seconds, the recording will start.

* If available memory is not sufficient during the recording, a message "DISK FULL" appears with the last file stored.

Check recording time When you quickly press the center of the MENU key during the recording, the LCD screen will display the available recording/ongoing recording time on the top.

* Recording time

- Current file will be stored in 9 hours, 59 minutes, and 59 seconds with the recording continuing with another file.

Pause recording When you press the REC button quickly, the recording will pause. If pressed again, the recording will go back on.

Operation type	LCD display	Used button	Descriptions
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Store recorded files consecutively. When you roll the MENU key up during the voice recording, the file "VOC00001.MP3" will be stored, while the recording automatically continuing with the file "VOC00002.MP3".

Complete/store recording To save a recorded file, press and hold the REC button for about three seconds to automatically store the file to the VOC folder.

After the storing, the screen will automatically move to the Main menu.

* Up to 255 files can be stored.

Wait for another file recording After the recording, the VOC00001 file will go to the VOC folder and the screen will go to the VOC folder, with the VOC00001 file ready to work.

Operation type	LCD display	Used button	Descriptions
Play a recorded file (To play a voice-recorded file). To play a recorded file, press the POWER ON/OFF button quickly.			
* You can select a file you want with the MENU button using "Navigation" function See pages 30 - 31 for Navigation.			
Return to the MP3 mode. To go back to the MP3 mode from the recording mode, press the MENU button to change the folder to MP3.			
* You can select a file you want with the MENU button using "Navigation" function See pages 30 - 31 for Navigation.			

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15. Line-in recording

Operation type	LCD display	Used button	Descriptions
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Line-in recording (This setting helps you record with an external device connected to the MP3 player.)

* Caution: The jack of the MP3 player may not fit in the port of the external device. You need to buy the connector additionally.

Connect the external device for recording as seen in the figure.

If you want to use an external mike and/or other external devices, activate the Line-in mode.

Select recording (To select recording method). With the MENU button, select MENU -> Configuration -> Select recording -> Line-in.

* See page 42 for the recording setting.

Operation type	LCD display	Used button	Descriptions
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Sound quality of line-in With this, you can select the sound quality of the line-in.

When you press the MENU button quickly, the screen shows the menu.

Roll the MENU button up and down until a quality setting you want is lit. Then, select one by pressing the MENU button quickly.

The options include: 32Kbps ~ 160Kbps.

When you select one, the screen will automatically move to the Main menu.

Recording This screen initially appears in the recording mode.

When you press and hold the REC button for about three seconds, the recording will start.

* If available memory is not sufficient during the recording, a message "DISK FULL" appears with the last file stored.

Check recording time When you press the center of the MENU key during the recording, the LCD screen will display the available recording/ongoing recording time on the top.

- Current file will be stored in 9 hours, 59 minutes, and 59 seconds with the recording continuing with another file.

Operation type	LCD display	Used button	Descriptions
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Pause recording When you press the REC button quickly, the recording will pause. If pressed again, the recording will go back on.

Store recorded files consecutively. When you push the MENU key up during the line-in recording, the file "LINE00001.MP3" will be stored, while the recording automatically continues with the file "LINE00002.MP3".

Complete/store recording After the storing, press and hold the REC button for about three seconds to automatically store the file to the LINE_IN folder.

Operation type	LCD display	Used button	Descriptions
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Wait for another file recording After the recording, the LINE00001 file will be stored to the LINE_IN folder and the screen will waiting for play.

Play a recorded file. After the recording, you can play the file by pressing the MENU button up and down until a file you want is lit. Then, press the POWR button quickly.

* You can select a file you want with the MENU button using "Navigation" function

See pages 30 - 31 for Navigation.

Return to the MP3 mode. To go back to the MP3 mode from the recording mode, press the MENU button to change the folder to MP3.

* You can select a file you want with the MENU button using "Navigation" function

See pages 30 - 31 for Navigation.

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16. MENU mode while playing

Operation type	LCD display	Used button	Descriptions
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Enter a menu while playing While playing, you can press the MENU button quickly to see the MENU mode at the bottom of the LCD screen.

Select the Equalizer mode while playing By rolling the MENU button up and down, you can select a mode you want.

When the Equalizer mode is lit, press the MENU button quickly to select a mode you want.

As for a changed Equalizer mode, you can check it in the mode status seen at the top of the LCD screen.

Set the repetition mode while playing When the repetition mode is lit, press the MENU button quickly to select a mode you want.

As for a changed repetition mode, you can check it in the mode status seen at the top of the LCD screen.

Operation type	LCD display	Used button	Descriptions
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Block repetition setting while playing This setting helps you set a block to play repeatedly.
Press the MENU button while playing until the Block repetition is lit, and press the MENU button quickly.

If you press the button once: Start A is set.

If you press the button twice: End B is set.

If you press the button three times: Block repetition stops.

* When the setting is activated and Start A is set, this setting will be de-activated if you select another song.

Delete a file while playing (1). Rolling the MENU button up and down makes you to select a mode you want.

When the file deletion mode is lit, press the MENU button quickly to select a file you want.

Delete a file while playing (2). Roll the MENU button up and down until a file you want is lit. Then, press the MENU button quickly to delete it.

Alternate YES/NO -> Roll the MENU button up and down.

Select YES/NO. -> POWER ON/OFF button.

When you select an operation, the screen will automatically go to the previous mode for playing next song.

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Operation type	LCD display	Used button	Descriptions
Exit a menu/go to the Main menu. After you select a menu, you can go back to the Main menu by pressing the ESC button quickly.			

17. How to charge the MP3 player

Operation type	Operation image	Descriptions
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Before charging See "How to connect the MP3 player to the PC" for the connection to the computer.

When the USB port is connected: Connect the MP3 player to the PC or the charge adapter.

The AC plug seen at the right top part is a battery charge lamp.

During the charge, the battery level display is moving up and down at the right top part.

When the charging is completed: After the charging, the AC plug icon seen at the right top disappears with the battery level display seen filled up.

When the USB port is disconnected: If the edge of the blue MENU button (on the MP3 player) shows blinking blue light, this means data is being sent. DO NOT disconnect the MP3 player from the PC during the time. If so, the MP3 player may work abnormally, with the data lost.

Caution! Depending on the type of the main board in the PC, the battery may not be fully charged and/or the charge icon may not disappear.

Charging time: About 3 - 3.5 hours (Based on discharged/unused state)

- Make sure to use the USB cable provided by Alltec Electronics only.

18. Troubleshooting

In case of any errors, please check the followings before contacting us.

1. I can't turn on the MP3 player.

- Is it charged? Please get it charged.
- Is the HOLD button of the MP3 player pushed to ON? (If so, please push the button to OFF.)
- Push the RESET button with a pin (at the back part of the MP3 player).

2. The MP3 player remains mute or makes noises.

- Is the volume set to zero?
- Is the connection state of the earphone normal, or is the earphone port clear? (Foreign substances on the port may bring about noises.)
- The earphone may be faulty.
- Damaged data can cause noises or broken sounds. Please check with another MP3 file.
- You may need to delete data or format the MP3 player connected to the PC.
- Please check: Our MP3 player can play any files in MP3 format only (Not available for Net sync function).

3. I can't download a file.

- Please check if the USB cable is connected tight between the PC and the MP3 player.
(How to check: Normal, if the display screen will show USB.)

4. The LCD screen of the MP3 player refuses to work.

- Please get the MP3 player charged or press the RESET button with a pin.

5. The MP3 player abruptly turns off while playing.

- Please reset the SLEEP TIME to OFF.

6. I can't make a USB connection.

- Please see the FAQs in the customer support service in our homepage.

7. I can't get radio frequency.

- Please set the Rx sensitivity to LOW.

19. Product specifications

Classification	Items	Product specifications
Audio	No. of channels	Stereo (Right/left)
	Frequency range	20Hz ~ 20KHz
	Headphone output	Left: 7mW + Right: 7mW, 16 ohms @ max volume
	Signal-to-noise ratio	90dB(MP3): A Weighted
Supported files	Bit rate	8 kbps – 320 kbps
	File format	MPEG 1/2/2.5 Layer 3
Voice recording and encoding	256 MB	Up to 72 hours
	512 MB	Up to 144 hours
FM radio	Frequency range	76 MHz - 108 MHz
	No. of storing channels	20
Max play time		About 20 hours
Power supply	Battery	Lithium Polymer rechargeable battery
General information	Dimensions	30 x 58 x 15
	Weight	29g (Including the battery)
	Operating temperature	0 – 40 °C
	Memory	128 MB/ 256 MB/ 512 MB built-in memory
	USB version	USB 1.1
	OS	Windows 98/ME/2000/XP, Linux 2.4, Mac OS X
	Transmission speed	5 – 6 Mbps (Max)

20. After-sales service

1. The product "AVIT" is provided by Alltec Electronics. The MP3 player is manufactured under strict production management system and quality management system.
 2. In case of malfunctions in normal use, you can be offered free repair service from the dealer you purchased the product or our service center in the warranty period (one year since the purchase).
 3. Regardless of the warranty period, you need to be billed for repairing any malfunctions due to your negligence.
 4. When you want the repair service, please show us your product warranty.
 5. The warranty will not be re-issued if you lost it. Please keep it carefully.
 6. The warranty is nationally valid only.
 7. The User's Guide is subject to change.
- You can see any modifications and/or upgrades at our homepage (www.avitmp3.com).

How to request the after-sales service

- By courier/mail

Address: Pyeonik C – 211, Incheon Industrial Goods Distribution Center, 294, Songnim 4-dong, Dong-gu, Incheon, South Korea

Telephone: +82-32-588-1180

Fax: +82-32-588-1187

(To use courier service or mail service, please let us informed of faulty condition(s) and your personal information for our reference.)

- By Email: webmaster@usbmp.com

- For any inquiry on the User's Guide: manual@usbmp.com

Product warranty

Product name		Model name	
Production No.			
Customer	Name	Telephone	
	Address		
Dealer	Name	Telephone	
	Address		
Purchase date		Warranty period	One year
Manufacturer	Company: Alltec Electronics. Co., Ltd.	Telephone	
Address	Pyeonik C – 211, Incheon Industrial Goods Distribution Center, 294, Songnim 4-dong, Dong-gu, Incheon, South Korea		
Parts for repair will be stocked for one year since related products will be out of the market.			
Please fill the blank field above in the warranty in product sales.			

AVIT

This product warranty is valid in **South Korea** only. As this warranty shall not be reissued, please keep it carefully together with the User's Guide.