

AVIT^{z5}
STYLISH MP3 PLAYER

AVIT^{z5}

User's Manual



User's Manual

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

www.usbmp.com

AVIT^{z5} User's Manual

Copyrights

Alltec Electronics Co., Ltd. has the copyright of this User's Guide.

No part of this document may be reproduced, copied, or transmitted in any form or by any means - copying of photographs, recording, or storing/playing of information - without the prior written permission of **Alltec Electronics Co., Ltd.**

– **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^{z5}

- AVIT^{z5} is the trademark of **Alltec Electronics Co., Ltd.**
- Windows is the trademark of Microsoft Corporation.
- Pentium is the trademark of Intel Corporation.

User's Guide

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 clearing 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.



Contents

Copyrights

Precautions

■ 찾아보기

1. Name of each part
 - Front and Rear side
 - Left and Right side
 - Top
 - How to use keys (Buttons)
2. Display configuration and components
 - Display configuration
 - Components and accessories
 - About icons
3. How to setup an driver on Windows 98
4. How to connect the MP3 Player to th

- Connecting with the PC and USB Port
 - Connecting with the AC Adaptor (Optional)
5. How to send file from the PC to the MP3 Player
 6. How to turn the MP3 Player On/Off
 7. How to play a file

■ 메뉴 모드

8. How to setup the Navigation
 - Select a file
 - Select a Folder
 - Select a Bookmark
 - Delete
 - Format
 - FM Radio
9. FM Radio

User's Guide

- Select an FM Channel
- Select ADC level
- Select FM Band
- Select a sound setting
- Store a Channel Auto/Manual scan
- Record FM Radio.

10. How to set up the equalizer

11. How to set repetition mode

12. Screen setting mode

- Language setting
- Display a song title
- Display a Lyric
- Character flow speed
- Screen Saver

13. Time setting mode

- Setting the time to turn on display
- Adjusting the time for the flickering of LED
- Sleeping time setting
- Setting the automatic turning off the power

14. System Configuration Mode

- Check Memory Capacity
- Check Firmware Version
- Record Setting
- MIC quality setting
- Line in quality setting

15. Exit a menu

16. Recording

- Voice Recording
- Line in Recording

17. How to charge the MP3 Player

18. Specification

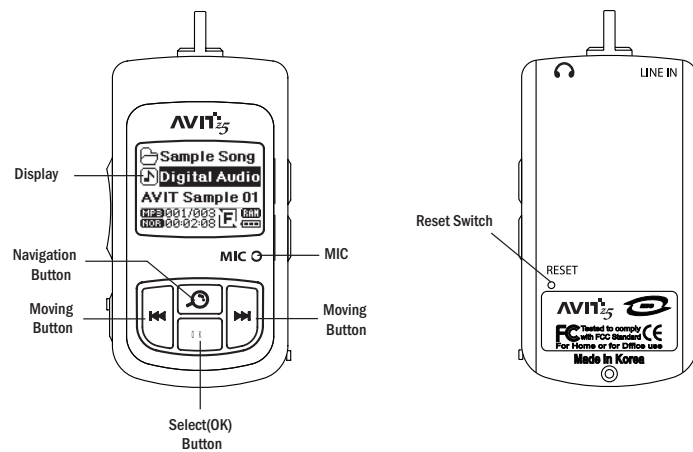
19. Troubleshooting

Warranty Card

AVIT^{z5} User's Manual

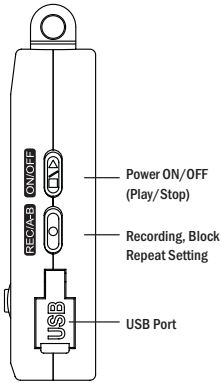
1. Name of each part

1-1. Front and rear side

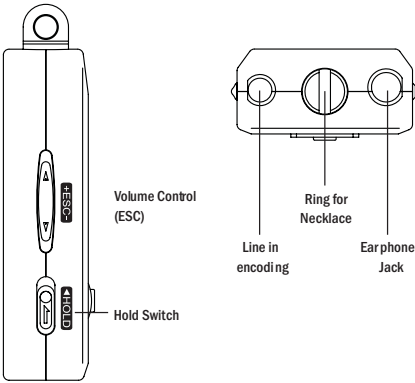


User's Guide

1-2. Left and Right side



1-3. Top



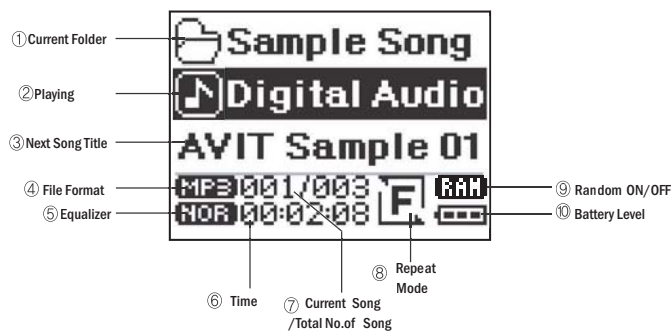
AVIT⁵ User's Manual

1-4. How to use keys(buttons)

Button Type	Button Image	Descriptions
Shift Button		Push to short -> Shift location, Shift menu
OK Button		Push to short -> Select a menu Push to long -> Convert from the MP3 mode to the FM Radio mode
Navigation Button		Push to short -> Convert from the navigation file mode Push to long -> Convert to menu mode
Power Button (POWER)		Push to short -> Power On, Play a song/Play stop Push to long -> Power Off
Record Button (REC)		Push to short -> Pause/Continue recording Push to long -> Start/Complete recording
Volume Button (ESC)		Push to short -> Volume up/down while playing. Return to the previous mode from the menu mode, Cancel a selection
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.

2. Display Configuration and Components

2-1. Display Configuration



- | | |
|-------------------|----------------------------------|
| ① Current Folder | ⑥ Time |
| ② Playing | ⑦ Current Song/Total No. of Song |
| ③ Next Song Title | ⑧ Repeat Mode |
| ④ File Format | ⑨ Random ON/OFF |
| ⑤ Equalizer | ⑩ Battery Level |



2-2. Components and Accessories

 AVIT z5 MP3 Player	 Earphone	 Necklace
 Mini USB Cable(Option)	 USB Cable	 Line in Cable
 Installation CD / User's Guide	 Armband(Option)	 Carrying Case (Option)

※ The image of components is subject to change depending on the circumstances .

2-3. About Icons

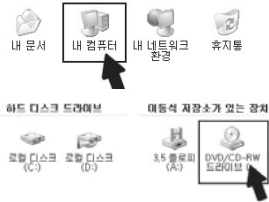
Icon Type	Operation	Descriptions	Icon type	Operation	Descriptions
■ File play icon					
	Standby	Ready to play in MP3 Mode		Playing	A file is playing
	Pause	Standby Recording/ Play temporarily		Recording	Recording is performed
■ Equalizer Icon					
	The equalizer is in Normal mode			The equalizer is in Jazz mode	
	The equalizer is in Rock mode			The equalizer is in Class mode	
	The equalizer is in Pop mode			The equalizer is in Dance mode	
	The equalizer is in 3D mode			The equalizer is in Disco mode	
	The equalizer is in Hall mode			The equalizer is in Heavy Metal mode	
	The equalizer is in Soft mode			The equalizer is in User Define mode	

Icon Type	Operation	Descriptions	Icon Type	Operation	Descriptions
■ Block Repetition mode icon					
	Play a single song infinitely			One time repetition of one song	
	Play a all song infinitely			One time repetition of all song	
	Unlimited repetition of the Bookmark			One time repetition of the bookmark	
	Unlimited repetition of the folder			One time repetition of the folder	
■ File Icon					
	MP3	When the MP3 file is playing		WMA	When the WMA file is playing
	LINE IN	When the line in recording file is playing		VOICE	When the Voice recording file is playing
	FM	When the FM recording file is playing			
■ Etc					
	No. of songs	Front : Current songs index Back : Total No. of songs		Time	On going play time of a current songs
	Battery	Battery Level Display		Random Play	The random play of the stored file

User's Guide

3. How to setup an installation CD Windows98

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

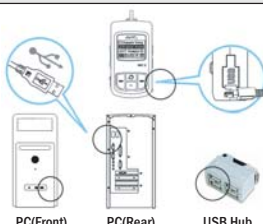
Operation	Image	Description
? Notice	Don't connect to MP3 Player with PC.	
Insert the driver CD		Put the Installer CD into the CD-ROM drive. ※ As Windows 98 or lower version cannot identify USB devices, you need to complete the driver installation for the MP3 player.
Open to Installation File		With the 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	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. See how to connect the computer to MP3 player.
Install the driver(5)		Select "Search an appropriate driver for the device" and click "NEXT".

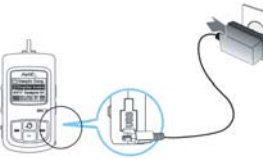
Operation	Image	Descriptions
Install the driver(6)		Select "Select a location to search" for search and see the Alltec folder in the Program File as the path.
Install the driver(7)		The screen appears to search the driver.
The driver file is completely installed		The screen indicates the installation process gets finished.

4. How to connect the MP3 Player to the PC

4-1. Connecting the MP3 Player to the PC, USB Port

Operation	Image	Description
Connect the MP3 Player to the PC	 PC(Front) PC(Rear) USB Hub	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 Co.,Ltd. only

4-2. Connecting the MP3 Player to the AC Adaptor (Optional)

Operation	Image	Description
Adaptor		If you bought this optional adaptor, connect the USB jack of the adaptor to the USB port of the MP3 player as seen in the figure. ※ Please see the cautions described on the next page.

User's Guide

Operation	Image	Description
※ Caution		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	하드 디스크 드라이브  시스템 (C:) 데이터 (D:) 이동식 저장소가 있는 장치  3.5 플로피 (A:) CD 드라이브 (E:) 이동식 디스크 (F:)	When the installation gets finished, plug the AVITz5 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.usbmp.com)
Check the connection status		The screen appears on the MP3 player when the USB device is properly connected.

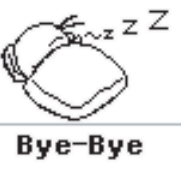
5. How to send a file from the PC to the MP3 Player

Operation	Image	Description
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.
Copy MP3 and common type files		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.

User's Guide

Operation	Image	Description
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 Windows98, 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 if the STOP mode. When you press the POWER ON/OFF button, a file will be played.

6. How to turn the MP3 Player On/Off

Operation	Image	Button	Description
Turn on the Power			When you press the POWER ON/OFF button quickly, the power will be on.
Turn on the Powe			When you press and hold the POWER ON/OFF button for about three seconds with the MP3 player on, the power will be off.

7. How to play a file

Operation	Image	Button	Description
Before playing			The screen initially appears when the power gets on.
Play			When you press the POWER ON/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 POWER on/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 previous song  the next song

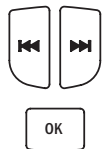
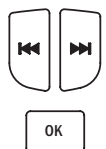
Operation	Image	Button	Description
Select FF (Fast forward) or REW (Fast rewind) in PLAY mode			When you quickly press the MENU button Left/Right, you can select the next song or the previous song. When you keep press the MENU button Left/Right as seen in the figure below with a song played, the song will go either Fast backward Fast forward * Depending on the bit rate type of a file, the initial proceeding time and the actual proceeding time may differ from each other.
Volume control in PLAY mode			This is the function to adjust the sound volume during the replay. You can use ESC key from 0-30, and the scroll bar below the display appears and shows the increased value. If the volume of sound that you want is selected, it automatically returns to the original display in 2 or 3 seconds. Volume Increase Volume Decrease
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 Navigation mode

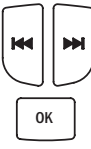
Operation	Image	Button	Description
Navigation Mode			This is the mode that allows the quick search or setting and deletion of song conveniently You can set up to 1) File select 2) Folder select 3) Bookmark Set up 4) Delete 5) Format 6) FM Radio
How to enter the navigation mode(1)		 	If you press the navigation button for a while around 2 seconds, the menu display like the picture beside shows up. The initial mode of this display is the navigation mode. If the navigation mode is selected, press OK button lightly to move on to the relevant mode.
How to enter the navigation mode(2)		 	If you press lightly the navigation button, you will move on to the file selection mode directly which is the sub-file mode of the navigation mode. Press the tune what you want by using the move button and then press OK to operate. It moves on to the replay initial mode automatically after the selection.

Operation	Image	Button	Description
Navigation sub-menu			If you select the access way no. 1) you can see the display like this: If the mode that you want is selected, press OK button to access the sub-menu.
Select a Navigation file		 	This is the menu with which you can explore or select the files in MP3. Use the moving button to select the tune that you want, and then press OK button. It moves on to the replay mode initial display automatically after the selection.
Select a Navigation Folder		 	This is the menu with which you can explore or select the folders in MP3. Press OK button if the folder that you want is selected. MP3 files in the folder will replay if the folder is selected

Operation	Image	Button	Description
Navigation bookmark			This is the mode with which you can separately set the only files that you want. Use the moving file to select the file that you want to bookmark, and then press shortly the OK button. If you press the button and the icon changes to the bookmark as in the picture beside, the bookmark setting is completed. If you do not want the bookmark, press the OK button again to discharge the bookmark. ※ It is ok if the file is in different files when book marking.
Navigation delete mode			It is a mode to delete the folders and files that have been stored. You can select to 1) File 2) Folder 3) Voice recording 4) Line in ecording 5) FM Radio

Operation	Image	Button	Description
Navigation delete mode / File delete			To delete some of existing files. Use the moving file that you want to delete and press the OK button to delete. Press the ESC key if you want to access the higher mode after the deletion
Navigation delete mode / File delete			To delete some of existing files. Use the moving button to select the folder that you want to delete, and then press OK button to delete that file. However, all the MP3 files in the folder and deleted while the folder itself in infact. Do not delete the basic folder (FM, LINE_IN, VOICE). The malfunction of the product can result. ※ The MP3 player itself cannot delete a foldr. If required, connect the MP3 player to the USB port of a PC and go to "My Computer -> Remove disk" to delete/change the corresponding folder.

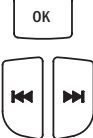
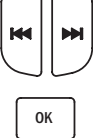
User's Guide

Operation	Image	Button	Description
Navigation delete mode / Voice recording delete			This is the mode to delete the file that you do not want among the stored voice record files. Use the moving button to select Yes or No and then press OK button to delete. But, all the files in the voice folder will be deleted.
Navigation delete mode / Line in recording delete			This is the mode to delete the files that you do not want among the stored Line in record files. Use the moving button to select 'Yes', 'No' button, and then press OK button to delete the file. But, all the files in the Line in folder will be deleted.
Navigation delete mode / FM recording delete			This is the mode to delete the files that you do not want among the stored Line in record files. Use the moving button to select 'Yes', 'No' button, and then press OK button to delete the file. But, all the files in the FM folder will be deleted.

Operation	Image	Button	Description
Navigation - Format	 포맷  아니오  북마크 변환	  	This is the function to delete all the files in the MP3 once and for all. Use the moving button to select the menu, and then press the OK button to operate. All stored in MP3 are deleted if Yes is selected. It moves onto the automatic higher mode if No is selected. ※ When you want to format the MP3 player connected to the PC, change the formatting method of the file system to FAT before formatting.

9. FM Radio

Operation	Image	Button	Description
FM Radio Mode		 	This is the mode with which you can listen to FM radio broadcast. If the FM radio mode, the 6th menu, is selected in the navigation mode, press OK button or press OK button for around 3 seconds. And then it will directly move onto the FM radio mode.
Initial screen of FM Radio Mode			This screen initially appears in the FM Radio mode.
Tune the Radio		 	Use the moving button to select the frequency that you want.

Operation	Image	Button	Descriptions
Store an FM channel			This is the function to store the frequency manually or automatically. Press shortly the OK button on the initial display, and then it will move onto the automatic storing state. If you select 'Yes', the channel is automatically explored to store on the index successively. If you select NO, it will move on to the next menu.
Select ADC Level			This is the mode that sets the sensitivity of the frequency. There are more frequencies that are available if it is set at low. Press the OK button shortly when the automatic storing menu is on, and then it will return to the reception sensitivity setting mode. There are three selection modes such as HIGH/MID/LOW, and you can use the moving button to select the mode that you want, and then press the OK button.
Select FM Band			This is the function to set the frequency band. It is the initial display to set the FM Band. Press the OK button when the reception sensitivity state is on, in order to access. You can choose band from USA/JPN/CHN. The selected and is display on the top of the LCD display.

User's Guide

Operation	Image	Button	Descriptions
Select sound setting			It is the initial display to set the sound. Pres the OK button when FM band menu is on, to access the mode to set the sound. There are two mode of stereo and mono. Use the moving button to select the mode that you want, and then press the OK button to operate. The change state is to be displayed on the upper side of LCD. Although STEREO has been set, MONO will FF be seen if the RX frequency is in MONO.
Store a channel manually			Select the channel that you want while pressing the moving button. If you press the power button, the lamp of the index below will turn on and it will be stored. After the storing is completed, it moves on to the higher mode automatically. Press the navigation mode on the FM radio mode initial display to select the manual mode.

Operation	Image	Button	Descriptions
Store a channel Auto scan	 	  	This mode helps you automatically search for frequency to store a channel. If "YES" is selected in the automatic storing of FM menu, press OK button to operate. At the same time with that, the MP3 explores the frequency on it's own to store successively the channel in 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 moer frequency.
Preset mode		  	It is the function to conveniently select the frequency stored by the automatic and manual mode. Press the navigation mode on the FM initial display to select the free set mode. Use the moving button to move on to the channel that you want. The currently stored index is successively explored.

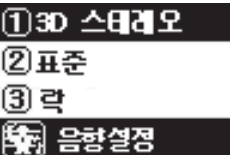
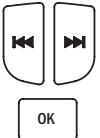
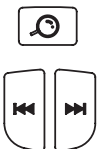
User's Guide

Operation	Image	Button	Descriptions
Record FM radio			This is the function to record the FM radio and change to 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 do to the Main menu.

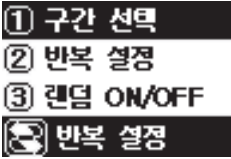
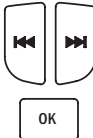
Operation	Image	Button	Descriptions
Check the proceeding time for FM radio recording	 		This is the function to check the possible time to record the FM radio or check the time after the recording started. When you quickly press the OK button, available recording time and/or on going recording time will be display on the top of the LCD display.
Volume control during replaying the radio			This is the function to adjust the volume of sound during replaying the radio. You can use the ESC key from 0 to 35, and the scroll bar appears on the lower part of the display when setting which shows the increased value. If the volume that you want is selected, it returns to the initial display automatically.

User's Guide

10. Equalizer

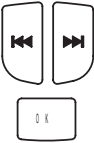
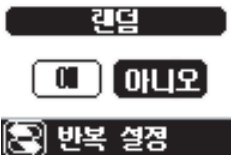
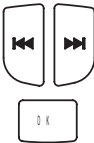
Operation	Image	Button	Description
Equalizer setting mode			It is the function to select the sound mode appropriate to enjoy the music with the most optimal sound by using MP3. You can set up to 1) 3D Stereo 7) Dance 2) Standard 8) Heavy Metal 3) Rock 9) Disco 4) Pop 10) Soft 5) Jazz 11) Hall 6) Classic 12) User Define
Set up Equalizer			This is the initial mode of setting the sound. Use the menu button to select the sound mode that you want by moving up and down with the menu button, and then press OK button shortly.
User define mode			This is the menu that the user can adjust the sound in a way that he/she likes. The initial values are all set at zero, and you can select from -6 to 6. If the lamp lights up at the mode that you want by using the navigation button, you can adjust the sound quality. Press ESC key after the selection to store the setting value that you adjusted. Bass : Low Sound Treble : High Sound 3D : Equalizer Sound

11. Repetiton mode

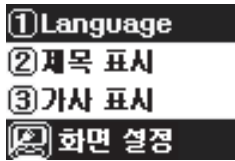
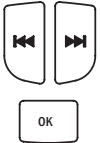
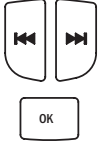
Operation	Image	Button	Description
Repetition Setting mode			This is the function to set the file replay repetition mode. 1) Selection of range 1) Folder Play 2) All song Play 3) One song play 4) Bookmark Play 2) Repetition setting 3) You can select the functions such as repetition.
Initial display of repetition setting mode			It is the initial display of repetition setting mode. Use the moving button to select the menu that you want, and then press the OK button to access the menu.
Range Select			This is the initial display to select the first menu range in setting the range. 1) Folder Play : It repeats replaying the tune in the selected folder. 2) All song Play : It repeats replaying all the songs stored in MP3 player. 3) One song Play : It replays only one song that you selected. 4) Bookmark Play : It repeats replaying only the songs that are selected as bookmark.

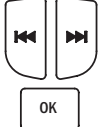
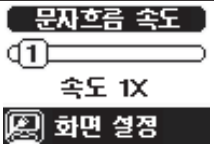
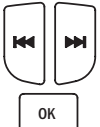
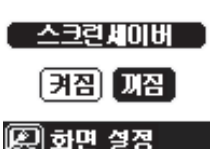
User's Guide

Operation	Image	Button	Description
Reference for the playing of the folder	 Sample Song NO FILE!! MP3 001/003 NOR 00:02:08 F RAM		If there are no files in the folder that you selected for the repeated replay, the note of "NO FILE!! Will be indicated like this.
Reference for the playing of the all	NO FILE!! MP3 001/003 NOR 00:02:08 A RAM		If there are no files at all in the MP3, "NO FILE!! Will be indicated like this.
Reference for the playing of the bookmark	선택한 파일이 없습니다!! MP3 001/003 NOR 00:02:08 F RAM		If you select the book mark replay mode when the book marked song is not set, the note that "there is no selected file!!" will show up.

Operation	Image	Button	Description
Repetition setting selection			This is the menu to set the repetition mode. YES : the repetition mode is use. N O : the repetition mode is released. Use the moving button to select the menu that you want, and then press OK button to operate. ※ If "YES" is set as the repetition mode, the file will never stop repeating.
Random play selection			This is the menu that sets the random replay of the file. The random play means the replaying of songs without the order, regardless of the storing and the setting of the repetition mode of the songs.

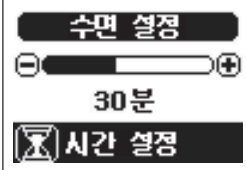
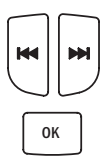
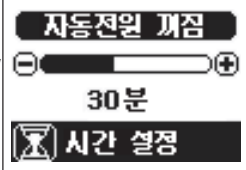
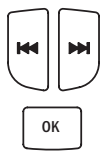
12. Screen setting mode

Operation	Image	Button	Description
Screen setting mode			This is the mode that sets the display of MP3. You can set up to 1) Language setting 2) Song title display 3) Lyric display 4) Speed of the character flow 5) Screensaver
Display setting mode			The initial mode of the display setting mode: This is the initial mode of the display setting mode. Use the moving button to move up and down to select the menu that you want, and then press OK button shortly to access the menu.
Language setting mode			With this setting, you can select a language displayed in the LCD display. You can set as 1) Korea 2) S Chinese 3) T Chinese 4) Japanese 5) English and, the language of menu changes depending on the language that you set.

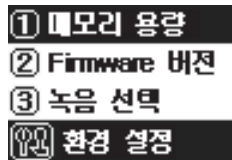
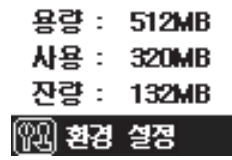
Operation	Image	Button	Descriptions
Song title display setting			It is the function to indicate the information about the title of the file. You can select the type of marking the file name and ID3 tag. File name: It is expressed with the file name and the extension. ID3 Tag: It is expressed as the information about the related tune.
Lyric display setting			If you select "ON," you can see the words, and if you select "OFF", the words disappear. Visit our homepage www.usbmp.com if you like to insert or create the words of song.
Speed of the character flow setting			Setting the speed of the character flow: It is the mode that set the speed of the words displayed on the screen. It is set at 1~5 stage and there are menu of 1~5 multiple speed. If you press the menu button, the set value increases by one multiple speeds. You can select by pressing OK button.
Screensaver Setting			It is the function to operate the screen saver when MP3 is not doing any other work during the replay. Use the moving button to select "ON", or "OFF", and then press OK button if the menu that you want is selected.

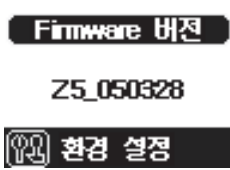
13. Time setting mode

Operation	Image	Button	Description
Time setting mode		 OK	It is the mode to adjust the time for various functions of MP3 player. You can control to 1) Adjust time player is on 2) Flickering of LES 3) Sleeping time setting 4) Auto power off
Adjust time player is on		 OK	It is the function to adjust the time during which the display of MP3 player is on. It consist of 1~5 stage, and has the setting of "10 seconds ~ constantly on" Use the menu button and press OK button for the time that you want. LCD will not turn off when the marking of words is used.
Flickering of LED		 OK	It is the function to adjust the flickering of LED on the menu button. You can select from "Not used" to 120 seconds, and the LED lamp will flicker depending on the time that you set. If the menu button is pressed, the set value will increase by one second. Press OK button to select.

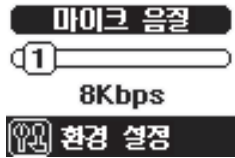
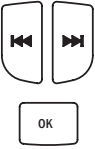
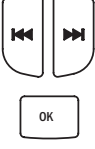
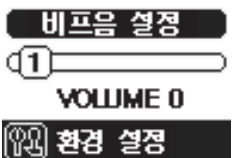
Operation	Image	Button	Description
Sleeping Time setting			It is the function to turn off MP3 automatically after a certain time passes. It is very convenient to use before you go to bed. You can set from "Not used" to 120 seconds, and the power is automatically switched off after the time that you set passes. If you press the moving button, the set value increases by one minute. You can press OK button to select.
Automatically turn off MP3 Player			It is the function to automatically turn off MP3. You can set from "Not used" to 120 seconds and the power is automatically switched off after the time that you set passes. If you press the moving button, the set value increases by one minute. You can press OK button to select.

14. System Configurations mode

Operation	Image	Button	Descriptions
System configuration mode		 	It is the function to check the basic environment of MP3. If the environment setting menu is selected after you pressed the moving button with the menu mode on, press OK button shortly to access the environment setting mode.
Initial screen of System configuration mode		  	This screen initially appears in the System Configurations mode 1) Momory Capacity 2) Firmware Version 3) Record setting 4) MIC quality 5) Line in encoding quality 6) Beep sound quality
Memory Capacity			With this, you can check the available memory capacity of the MP3 player. When you press the MENU button quickly, the screen shows the momory usage in the menu. Capacity : Total memory amount of the MP3 player Usage : Momory amount in current use Remaining amount : Aballiable momory Some of the total capacity has the program built-in, though the momory is empty. Threrfore it is not defective.(0MB ~ 00MB)

Operation	Image	Button	Description
Check firmware version			To check the latest firmware version Firmware version items. Year Date <u> Z5 </u> <u> 050328 </u> PID Month
Recording mode setting (Voice recording)		  	This is the function to set the way of recording. The voice recording is set as the initial setting. Press OK button if you selected the way by which you want to record.
Recording mode setting (Line in encoding)		  	Voice : It is a way of recording with the built-in microphone inside the MP3 without any connection from the external devices. Line in : It is a way of getting the input from outside through other media (audio, TV, etc).   Voice Line in

User's Guide

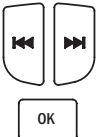
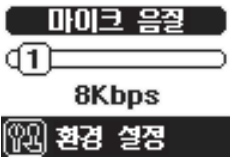
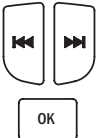
Operation	Image	Button	Description
MIC Bitrate			You can select the MIC Bitrate. The larger the figure for setting the sound quality is (the higher the level is), the higher the sound quality is. It is set at 1 ~ 5 stages and has the menu of 8Kbps ~ 128Kbps at each stage. If the setting is completed after OK button is pressed, it moves onto the higher menu.
Line in Bitrate			You can select the Line-in Bitrate. The larger the figure for setting the sound quality is the higher quality recording it is. It is set at 1 ~ 5 stages and has the menu of 32Kbps ~ 192Kbps at each stage. If the setting is completed after OK button is pressed, it moves onto the higher menu automatically.
BEEP			It is the function to adjust the beeping sound of the button. It consists of 1 ~ 5 stages. The menu included at each stage range from "No sound" to volume 4. If the menu of NO SOUND is selected, the beeping sound (button) has no sound at all. And it makes sound from 1 when the button is operated. But it does not make any sound during the replay of file though it is not set as NO SOUND. The button can act slow when setting the beep key at ON.

AVIT^{z5} 사용설명서

15. Exit a Menu

Operation	Image	Button	Description
Exit a Menu			Press ESC shortly to go to the higher menu or the mode outside the menu in order to get out of the menu.

16. Recording - Voice Recording

Operation	Image	Button	Description
Voice Recording			The MIC is built in the front center of the MP3 player. To activate voice recording, set the recording mode as Voice.
※ Note	USB is not connected while the recording (If you want to connect to the computer, finish the recording)		
Select recording			Enter the mode of menu/environment/record menu and then select the voice record. See page 45 for the recording setting in the Configuration mode.
MIC Bitrate			With this, you can select the MIC Bitrate. Enter the menu/environment/setting/microphone sound quality in order to select the quality of the microphone. See page 45 for the recording setting in the Configuration mode.

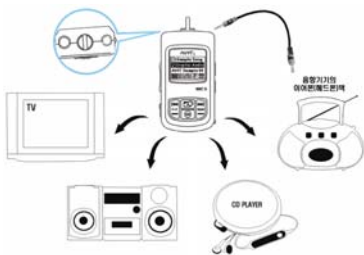
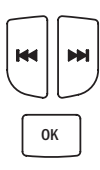
AVIT^{z5} User's Guide

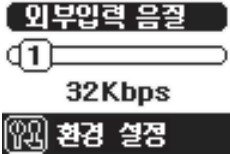
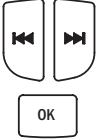
Operation	Image	Button	Description
Voice recording			The voice recording is the initial mode of the recording. Press the REC button for a while (around 3 seconds) and then the recording starts. ※ In case available memory is not sufficient during the recording, a message "DISK FULL" appears with the last file stored.
Pause recording			When you press the REC button quickly, the recording will pause. If press again, the recording will go back on.
Check recording time			When you quickly press the OK button the screen will display the available recording/ongoing recording time on the low.

User's Guide

Operation	Image	Button	Description
Complete recording / Store			To save a recorded file, press and hold REC button for about 3 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.
Play a record file			After the recording, you can play the file by pressing the Power button quickly. You can select a file you want with the MENU button using "Navigation" function. See page 25 Navigation.
Return to the MP3 mode			To go back to the MP3 mode from the Recording mode, press the Navigations button to change the folder or file to MP3. You can select a file you want with the MENU button using "Navigation" function . See page 25 Navigation.

16. Recording - Line in Recording

Operation	LCD Display	Button	Descriptions
Line-in recording	 ※ Caution : The jack of the MP3 player may not buy the connetcor additionally fit in the port of the external device. You need to.		Connect the external device for recording as seen in the figure. If want to use an external MIC and/or other external device, activate the Line-in mode.
※ Note	USB is not connected while the recording (If you want to connect to the computer, finish the recording).		
Select recording			Enter the mode of menu/environment/ recording mode to select the external recording. See page 45 for the recording setting.

Operation	Image	Button	Descriptions
Bitrate			You can select the Line-in Bitrate. Enter the mode of menu/environment/external sound quality to select the Line-in sound quality. See page XX for the System Configuration mode.
Recording			This screen inially appears in the recording mode. When you press and hold the REC button for 3 seconds, the recording will start. If available capacity is not sufficient during the recording, a message "DISK FULL" appears with the last file stored.
Pause Recording			When you press the REC button quickly, the recording will pause. If press again, the recording will go back on.

Operation	Image	Button	Descriptions
Check recording time			When you press the OK button quickly, the screen will display the available recording / on going recording time on the low.
Complete recording / store			After the stop, press and hold the REC button for about 3 seconds to automatically store the file to the LINE-IN folder and move to Main menu.
Play a recorded file			You can play the file by pressing the POWER button quickly. It is the function to replay the file that you recorded through the external input. Press shortly the power button to replay. You can select a file you want with the Menu button using Navigation function. See page 25 for Navigation.

Operation	Image	Button	Descriptions
Return to the MP3 mode			To go back to the MP3 mode from the Recording mode, press the Navigations button to change the folder or file to MP3. You can select a file you want with the MENU button using "Navigation" function. See page 25 Navigation.

17. How to change the MP3 Player

Operation	Image	Descriptions
Before transferring	See "How to connect the MP3 player to the PC" for the connection to the computer	
Before charging		Connect to the computer or recharging adapter. You can see the message of USB online at the lower part, and the picture of battery on the upper right side. During the charge, the battery level display is moving up and down at the tight 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 "FULL".
When the USB port is disconnected		If the edge of the blue Menu button(on the MP3 Player) shows blinking blue light, this means date 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 date 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 Co., Ltd. only. The MP3 music is not replied during the recharging.	

19. 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 on 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 if 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 ant 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 right 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.
 - If you set the frequency, be sure to connect the earphone (the earphone works as antenna).
8. Do not delete VOICE/FM/LINE-IN folder (basically provided folder)
 - MP3 player may not work.
9. Though USB is connected. it says that it is the unknown device.
 - Separate the MP3 from the computer and enter the device manager.
And then remove the device and connect again.

Specifications

Section	Item	Specification
Audio	Channel	Stereo (Left/Right)
	Frequency range	20Hz ~ 20KHz
	Headphone output	Left : 20mW + Right : 20mW, 16Ω volume max.
	Signal : Noise	90dB (MP3) : A Weighted
File support	Bit Rate	8Kbps ~ 320 Kbps
	File type	MPEG1/2/2.5 Layer 3, WMA, ASF(LPC not support)
Voice Recoding & Encoding	256MB	Max. 72 time(256MB)
	512MB	Max. 144 time(512MB)
FM RADIO	Frequency range	79MHz ~ 108MHz
	Channel storage	20 ea
Max. play time		20 time
Power supply	Battery	Internal Lithium Polymer
General	Dimension	30 × 60 × 15
	Weight	29g(Battery inclusion)
	Operating heat range	-20 ~ 60 °C
	Support	Inc file
	Screensaver	Screensaver On
	Memory	256MB / 512 MB / 1G Internal
	USB Version	USB 1.1
	OS	Windows 98/ME/2000/XP, Linux 2.4, Mac OS X
	Transfer speed	Upload : 4.2Mbps Download : 7.1Mbps

FCC Compliance Statements

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.

Warning : You are cautioned that any change or modifications to the equipment not expressly approved by the party responsible for compliance could void your authority to operate such equipment.