



AUDIOVOX®
ELECTRONICS CORP.

MP2000



USER'S GUIDE

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MP2000 MP3 PLAYER SYSTEM OVERVIEW

OPERATING CONTROLS AND INDICATORS

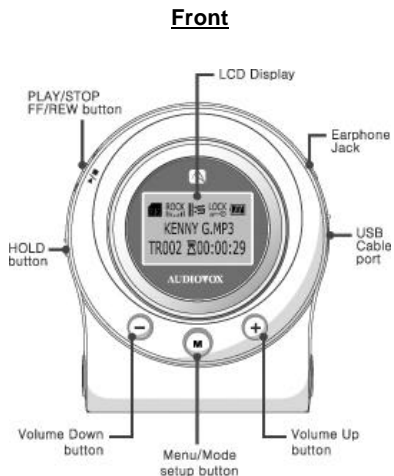


FIGURE 1. MP2000 Controls And Indicators, Front

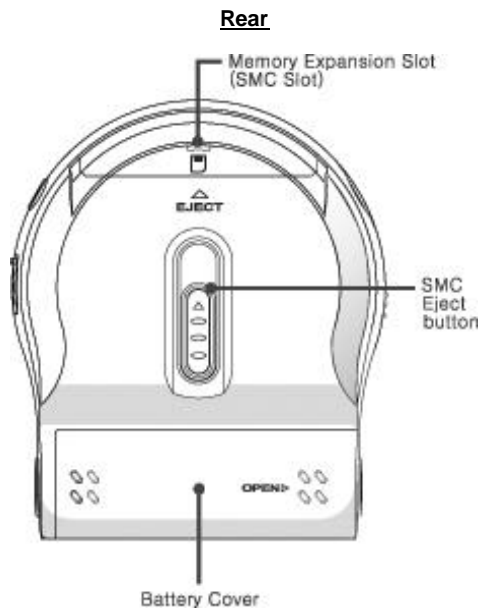


FIGURE 2. MP2000 Controls And Indicators, Rear

BATTERY INSTALLATION

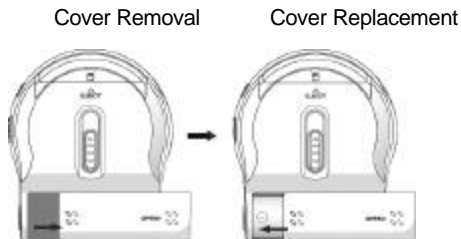


FIGURE 3. Battery Cover Removal and Replacement

The MP2000 MP3 Player is not packaged with a battery preinstalled.

Before attempting to operate, install the battery as described below.

- 1) Turn the MP2000 MP3 Player face down on a flat surface. Using your fingers, slide the battery cover off as shown in FIGURE 3 above.
- 2) Install One “AA” battery. Make sure that proper polarity (+ or -) is observed.
- 3) Carefully align the cover tabs and slide the battery cover to the closed position as shown in FIGURE 3 above. Make sure the battery cover clicks into place and that it is attached securely to prevent the battery from falling out.

LCD INDICATIONS AND ICONS

The following is an example of the MP3 player LCD screen. All of the key Indicators and Icons are identified here and are described in detail in the following sections.

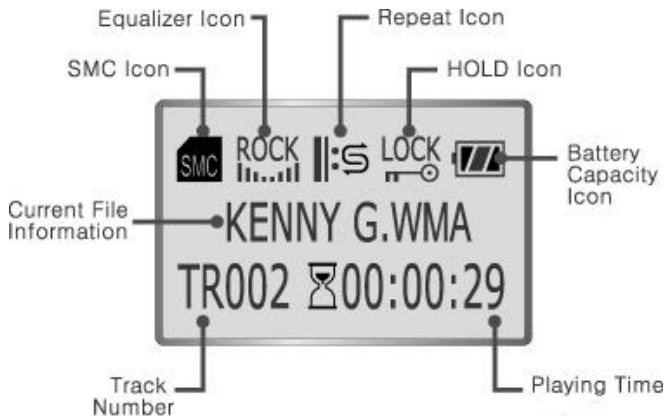


FIGURE 4. LCD Display Indications And Icons

MAIN MENU TABLE

The following table is the breakdown sequence of the Main Menu (shown in dark gray) screens used for programming and playback. The functions of these menus are described in detail in the following sections.

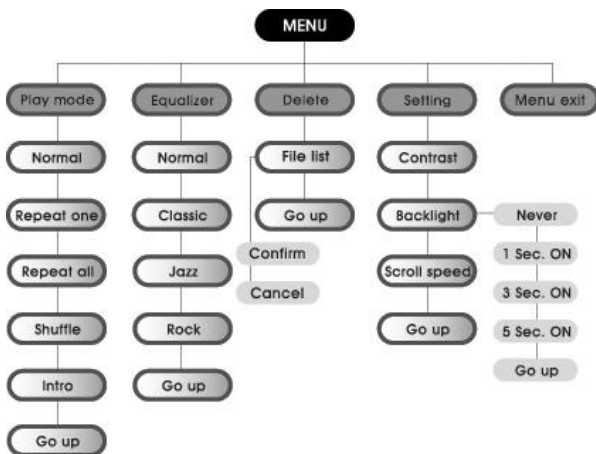


FIGURE 5. MAIN MENU Table

USING A SMARTMEDIA CARD (Optional)

You can expand memory capacity of the MP2000 by adding a SmartMedia Card (not supplied).

INSTALLING THE SMARTMEDIA CARD

1. Inserting the SmartMedia Card into the memory expansion slot on your MP2000 in the direction of the arrow as shown in FIGURE 6 below.
2. Check the SmartMedia Card (SMC) icon is displayed on the LCD screen as shown in FIGURE 6 below.

EJECTING THE SMARTMEDIA CARD

1. Push the Eject button located on the back of the unit in the direction of the arrow (up) to remove the SmartMedia Card from the slot as shown in FIGURE 6 below.



FIGURE 6. Sample Smart Media Card (SMC) Indicator


NOTE:

- * Do not insert/eject the SmartMedia Card during playback of music files.
- * Always turn off the unit before inserting/ejecting the SmartMedia card.
- * Use only 3.3V SmartMedia Cards only.
- * SmartMedia cards of 32,64,128MB can be used.
- * SmartMedia cards of 8,16, 256 cannot be used.

BASIC USAGE

LISTENING TO MUSIC / STOPPING MUSIC

To listen (Playback) Music

After inserting the battery, momentarily Press and Release the  button, the “**AUDIOVOX**” logo will be displayed on the LCD screen for a few seconds and then disappear

A playback screen will be displayed as shown in FIGURE 7 below.

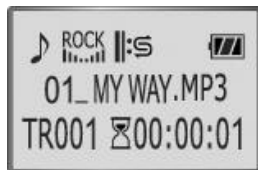


FIGURE 7. Sample LCD PLAYBACK Screen

For definitions of the above fields refer to FIGURE 4

To Stop Music Playback

To stop playback of a music track during playback, momentarily Press and Release the ►/■ button.



FIGURE 8. Sample LCD PLAYBACK STOPPED Screen

NOTE: The unit will automatically *POWER OFF* after 10 seconds if no other buttons are pressed.

SETTING VOLUME

To Adjust Volume

The volume is adjusted by pressing the +/- buttons located on the front side of the unit (see FIGURE1).



FIGURE 9. Sample VOLUME ADJUSTMENT Screen

You can adjust volume from 0 to 20

- *To Adjust Volume Slowly:* Momentarily Press and Release the +/- buttons in the direction desired to adjust the volume 1 interval at a time (0-20) until the desired volume is reached
- *To Adjust Volume Rapidly:* Press and Hold the +/- buttons in the direction desired until the desired volume is reached

TO SEARCH A DESIRED MUSIC TRACK DURING PLAYBACK

- *To Search For A Desired Music Track In A Upwardly Direction:* Momentarily Press and Release the ►► button until the desired music track is reached
- *To Search For A Desired Music Track In A Downwardly Direction:* Momentarily Press and Release the ◀◀ button until the desired music track is reached

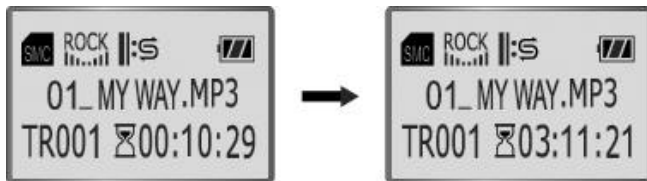
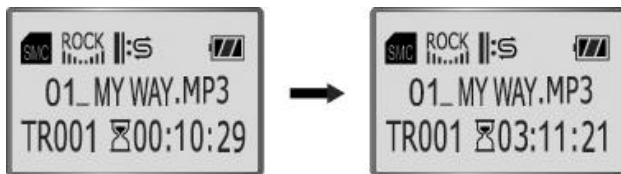


FIGURE 10. Sample MUSIC TRACK SEARCH Screen (During Playback)

SEARCHING WITHIN A MUSIC TRACK

To search a desired section on the same track, Press and Hold the ►►/◀◀ buttons to find and listen to the desired section. Release the button to playback again.



**FIGURE 11. Sample MUSIC TRACK SECTION SEARCH Screen
(Within A Track)**

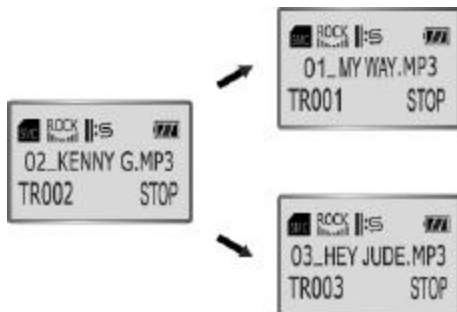
SEARCH FOR A DESIRED MUSIC TRACK IN THE STOP MODE

?Momentarily Press and Release the ►/■ button to stop the playback of a music track then:

? Press the ►► button in short durations to skip ahead one track at a time.

? Press the ◀◀ button in short durations to skip to the previous track at a time.

?Momentarily Press and Release the ►/■ button to play



**FIGURE 12. Sample MUSIC TRACK SECTION SEARCH Screen
(While In Stop Mode)**

ADDITIONAL USAGE

TO SET THE MENU

1. Press and Hold the MODE button for 3 second during *Playback* or *Stop* mode to access the Main MENU mode
2. Use the ►►/◀◀ buttons to move up and down (see **FIGURE 5**).
3. Use the ►/■ button to select.
4. Press the MODE button again to return to the PLAY/STOP mode.

Detailed MENU mode options

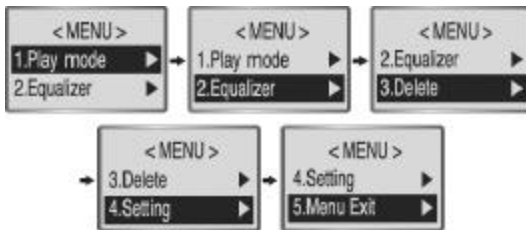


FIGURE 13. Sample Detailed MENU Options Screens

- **Play mode**: Repeat playback mode to listen to.
- **Equalizer**: Adjust equalizer function.
- **Setting**: Adjust backlight, contrast, scroll speed, and display information.
- **Delete**: Deleting music.
- **Exit menu**: Exiting the MENU.

NOTE: If there is no input for 15 seconds in the MENU mode, the MENU mode will be released.

TO PLAYBACK REPEATEDLY

1. Highlight and Select Play Mode in the Main MENU by momentarily Pressing and Releasing the ►/■ button.
2. Navigate through the menu selections to a desired mode by using the ►►/◀◀ buttons in the Play mode
3. Select the desired mode by momentarily Pressing and Releasing the ►/■ button.

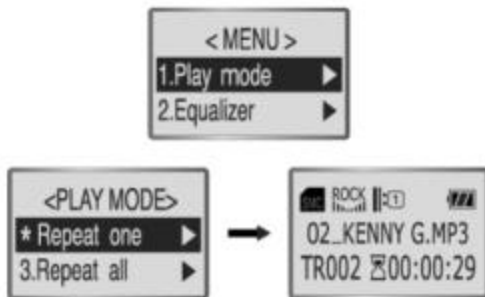


FIGURE 14. Sample REPEAT PLAYBACK MODE Screen

- **Normal:** Tracks will be played back in the order they were recorded.
- **Repeat One:** To listen to one track only repeatedly.
- **Repeat all:** To listen to all the tracks stored repeatedly.
- **Shuffle:** To listen to the tracks stored in random order
- **Intro:** To listen to the beginning part only of all the tracks stored (play for 10sec.)
- **Go up:** Return to the main menu

SETTING EQUALIZER

1. Select **Equalizer** from the MENU.
2. Navigate through the menu selections to a desired mode by using the ►►/◀◀ buttons
3. Select the mode by momentarily Pressing and Releasing the ►/■ button.



FIGURE 15. Sample EQUALIZER MODE Screen

1. **Normal**
2. **Classic**
3. **Jazz**
4. **Rock**
5. **Go up:** Return to the Main Menu

SETTING MY OWN OPTIONS

Setting Contrast

1. Select **Setting** from the MENU.
2. Navigate through the menu selections to the *Contrast* mode by using the ►►/◀◀ buttons.
3. Select the *Contrast* mode by pressing the ►/■ button
4. Press ►►/◀◀ buttons to set Contrast.
5. You can adjust the contrast from 0 to 20
6. To exit the *Contrast* mode, momentarily Press and Release the ►/■ button



FIGURE 16. Sample CONTRAST Screen

Setting Backlight

1. Select the *Setting* menu from the Main MENU.
2. Navigate through the menu selections to the *Backlight* mode by using the ►►/◀◀ buttons. Then select one of the following settings
 - Never = No backlight
 - 1sec. ON: Backlight ON for 1 Second
 - 3sec. ON: Backlight ON for 3 Seconds
 - 5sec. ON: Backlight ON for 5 Seconds
3. Make your Selection by pressing the ►/■ button or select “Go Up” to
4. switch to the upper menu.



FIGURE 17. Sample BACKLIGHTING Screen

Setting Scroll Speed

1. Select the *Setting* menu from the Main MENU.
2. Navigate through the menu selections to the *Scroll Speed* mode by using the ►►/◀◀ buttons.

You can adjust the *Scroll Speed* from 0 to 10. “0” being the slowest and “10” the fastest.

To exit the *Scroll Speed* mode, momentarily Press and Release the ►/■ button.

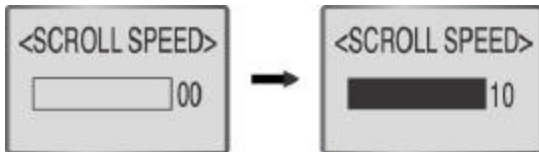


FIGURE 18. Sample SCROLL SPEED Screen

Deleting Files(Tracks)

1. Select the *DELETE* menu from the Main MENU.
2. Navigate through the *DELETE* menu selections to the *Music File* by using the ►►/◀◀ buttons.
3. Highlight *Music File* and press the ►/■ button
4. Select a file desired to deleted
5. Press the ►/■ button to delete the file

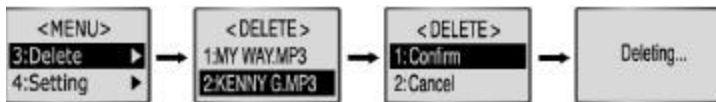


FIGURE 19. Sample FILE DELETION Screen

To exit from the *Delete* mode, select “Go up” or momentarily Press and Release the *MODE* button located on the front of the unit (see FIGURE1).

PRECAUTIONS

- Do not drop the unit or give a shock to the unit.
- Do not allow the unit to become wet. Avoiding storage or usage of the MP3 Player in places where there is excessive moisture, magnetism or heat.

NOTE: If the unit becomes wet, remove battery and quickly wipe with a dry cloth, then contract a service center.

- When cleaning, do not wipe the unit with Paint Thinner, Alcohol or Benzene for cleaning Use of these types of chemicals can damage the unit. Use only a soft, lightly dampened cloth if necessary.

TROUBLESHOOTING

- Software is not operating.
 - The problem may be caused from unsuccessful software installation. Reinstall the software following the proscribed procedure in the Installation Guide.
- The unit does not function / there is nothing displayed on the LCD screen.
 - Check the battery and check the battery is inserted correctly (see MP2000 MP3 PLAYER SYSTEM OVERVIEW).
- No music even when pressing the PLAY button in the MP3 mode.
 - Check if the driver is properly installed on the computer (refer to the Software Installation Guide).
 - Check the connection between the PC and the USB Cable port.
- The LCD window is dim.
 - Check the Contrast (see Setting Contrast).
- Backlight is not turned on.
 - Check the setup of backlight (see Setting Backlight).

NOTE: The unit will automatically detect if the voltage current of battery is low, and will not allow the backlighting to be turned ON to prolong music playback.

SPECIFICATIONS

Table 1. MP2000 Specifications Table

MODEL	MP2000
MEMORY	64/128 embedded Flash Memory Upgradeable to 192/256 with optional 128MB SMC
VOLTAGE	1.5V
BATTERY	1AA Alkaline / Lasting 18 Hours
SIZE (W X H X D)	65 X 76X 28 (mm)
WEIGHT	51g
CASE	PVC
FILE TRANSFER SPEED	Max. 2.4Mbps
S/N RATIO	85dB
EARPHONE OUTPUT	5.5mW@16?
OUTPUT FREQUENCY RANGE	50Hz ~ 20KHz
TEMPERATURE PROPERY	-10?~+50?

NOTE: Specifications in this manual are subject to change without prior notice.

ACCESSORIES



Earphones
(Ear-Ring type)



USB Cable



GROOVE CD



1.5V AA Battery



Wrist Strap



Leather Case



Software Installation Guide

FIGURE 20. Included Accessories

NOTES

WARRANTY



90 DAY LIMITED WARRANTY

Applies to Audiovox Internet Products

AUDIOVOX ELECTRONICS CORPORATION (the Company) warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 90 days from the date of original purchase, such defect(s) will be repaired or replaced with reconditioned product (at the Company's option) without charge for parts and repair labor.

To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to an approved warranty station. For the location of the nearest warranty station to you, call toll-free to our control office:

1-800-290-6650

This Warranty does not extend to the elimination of externally generated static or noise, to correction of antenna problems, to costs incurred for installation, removal or reinstallation of the product, or damage to tapes, discs, speakers, accessories, or electrical systems. This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s).

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR

REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT. This Warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 30 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights, which vary from state to state. **AUDIOVOX MP3 PLAYER 90 DAY LIMITED WARRANTY**

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