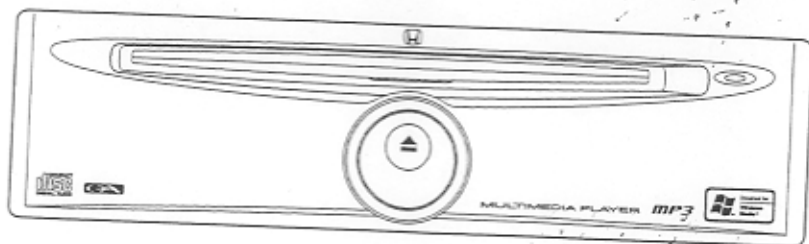


MULTIMEDIA PLAYER



P/N: 08A06-4E1-200

HONDA

Notes on Playing MP3/WMA

This unit can play MP3(MPEG1, 2, 2.5 Audio Layer 3) and WMA(Windows Media™ Audio). Note, however, that the MP3/WMA recording media and formats acceptable are limited. When writing MP3/WMA, pay attention to the following restrictions.

Acceptable media

The MP3/WMA recording media acceptable to this unit are CD-ROM, CD-R, and CD-RW.

When using CD-RW, do full format not quick format to prevent malfunction.

Acceptable medium formats

The following formats are available for the media used in this unit. The maximum number of characters used for file name including the delimiter (".") and three-character extension are indicated in parentheses.

- ISO 9660 Level 1 (12 characters)
- ISO 9660 Level 2 (31 characters)
- Joliet (64 characters)
- Romeo (128 characters)

For a list of available characters, see the instruction manual of the writing software and the section Entering file and folder names below.

The media reproducible on this unit has the following limitations:

- Maximum number of directory levels: 8
- Maximum number of files per folder: 255
- Maximum number of folders: 100

MP3/WMA written in the formats other than the above may not be successfully played.

Settings for your MP3/WMA encoder and CD writer

Do the following setting when compressing audio data.

- MP3 data with the MP3 encoder
 - Transfer bit rate: 8k — 320 kbps
 - Sampling frequency: 8k, 11.025k, 12k, 16k, 22.05k, 24k, 32k, 44.1k, 48k Hz

- WMA data with the WMA encoder
 - Transfer bit rate: 48k — 192 kbps
 - Sampling frequency: 32k, 44.1k, 48k Hz



When you use your CD writer to record MP3/WMA up to the maximum disc capacity, disable additional writing. For recording on an empty disc up to the maximum capacity at once, check Disc at Once.

Entering file names

The unit recognizes and plays only those MP3/WMA which have the MP3/WMA extension (.MP3/.WMA).

Writing files into a medium

When a medium containing MP3/WMA data is loaded, the unit checks all the data on the medium. If the medium contains a lot of folders or non-MP3/WMA files, therefore, it takes a long time until the unit starts playing MP3/WMA.

In addition, it may take time for the unit to move to the next MP3/WMA file or a Track Selecting or Folder Selecting may not be performed smoothly.

NOTE

Loading such a medium may produce loud noise to damage the speakers.

- Do not attempt to play a medium containing a non-MP3/WMA file with the MP3/WMA extension. The unit mistakes non-MP3/WMA files for MP3/WMA data as long as they have the MP3/WMA extension.
- Do not attempt to play a medium containing non MP3/WMA.

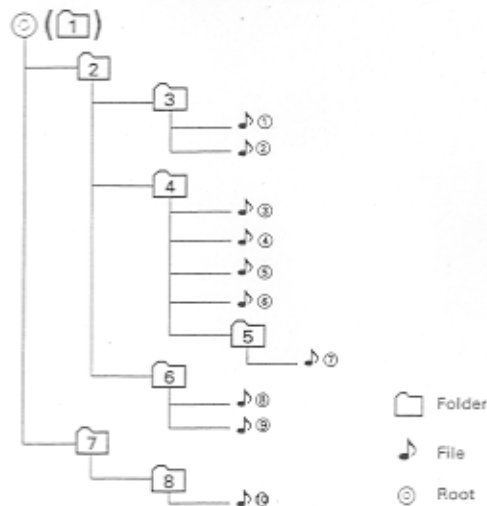
MP3/WMA playing order

When selected for play, Folder Selecting, or Track Selecting, files and folders are accessed in the order in which they were written by the CD writer.

Because of this, the order in which they are expected to be played may not match the order in which they are actually played. You may be able to set the order in which MP3/WMA are to be played by writing them onto a medium such as a CD-R with their file names beginning with play sequence numbers such as "01" to "99", depending on your CD writer.

For example, a medium with the following folder/ file hierarchy is subject to Folder Selecting, or Track Selecting as shown below.

Example of a medium's folder/file hierarchy



When a Track Selecting is executed with file ④ being played ...

Current file number	Operation of the button	
	⏮ (Track Down) Button	⏭ (Track Up) Button
④	Beginning of file ① ② ③ ④	④ ⑤ ⑥ ⑦ ⑧

When an Folder Selecting is executed with file ④ being played

Current folder number	Operation of the button	
	DISC- (Disc Down) Button	DISC+ (Disc Up) Button
4	3 2 1 8 ...	5 6 7 8 9 10

About displays in the radio unit

- If played time is more than 100 minutes, only last two digits are displayed.
- If the folder number is 100, "00" is displayed.
- Information on file names, tags, etc. cannot be displayed.

NOTE

Folder numbers may not be displayed depending on radio units.

Displaying files that cannot be played

If an MP3/WMA file that cannot be played is played, the DISC indicator blinks to show the unavailability.

- A copy-protected WMA file is played. (DRM : Digital Rights Management)
- A MP3/WMA is played with a format that this unit can't support

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NOTE

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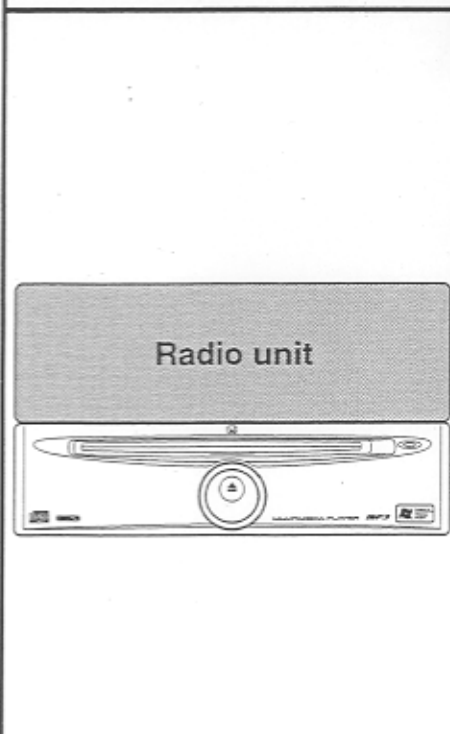
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The unit mistakes non-MP3/WMA files for MP3/WMA data as long as they have the MP3/WMA extension.

- Do not attempt to play a medium containing non MP3/WMA.

FILE SELECTING

Searching for a file in the folder.



1



Track Up

Forward file skip

Press the Track Up button on the radio unit. Each time the button is pressed a file switches to the next file in the folder.

2



Track Down

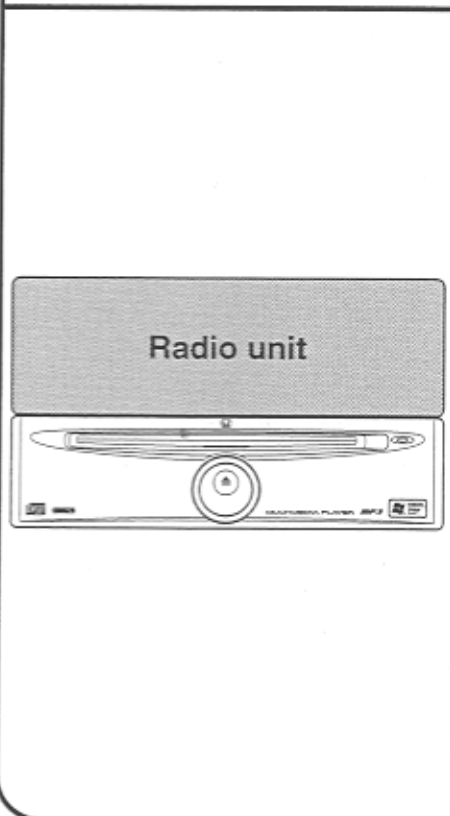
Backward file skip

Press the Track Down button on the radio unit. If the button is pressed once, the beginning of the current file is found. Then, each time the button is pressed a file switches to the previous file in the folder.

MP3/WMA Operating Instructions

FOLDER SELECTING

Selecting the folder you want to hear.



1



Disc Up

Forward folder skip

Press the Disc Up button on the radio unit. Pressing the button moves to the next folder. The unit plays the medium starts at the beginning of the selected folder.

NOTE

If the selected folder contains no MP3/WMA file, the unit automatically plays the file nearest to that folder in the MP3/WMA file playing order.

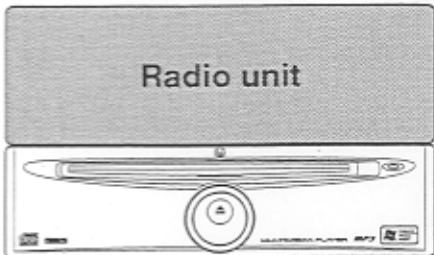


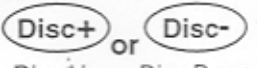

2



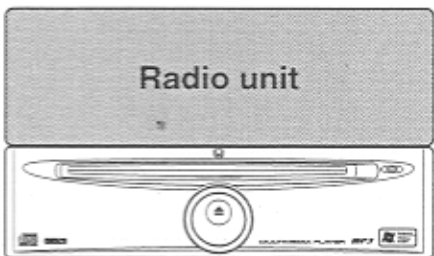


Disc Down

Backward folder skip

Press the Disc Down button on the radio unit. Pressing the button moves back to the previous folder. The unit plays the medium starts at the beginning of the selected folder.

RANDOM PLAY		<i>Play all the files on the current folder in random order.</i>	
 <p>Radio unit</p>	1	<p style="text-align: center;">  Random On </p>	<p>To start random play</p> <p>Enabling the Random function on the radio unit. Selecting files in random order to be played.</p> <p>NOTE When all the files on a certain folder have been played using random play, the next folder will start playing using the same function.</p>
	2	<p style="text-align: center;">  Track Up </p>	<p>To select another file</p> <p>Press the Track Up button on the radio unit. The player will randomly choose another file in folder.</p>
	3	<p style="text-align: center;">  Disc Up or Disc Down </p>	<p>To change folder</p> <p>Press the Disc Up or Disc Down button on the radio unit. Each time the button is pressed folders switch in sequence to continue Random Play.</p>
	4	<p style="text-align: center;">  Random Off </p>	<p>To cancel random play</p> <p>Disabling the Random function on the radio unit. Random play will be canceled and normal play will resume.</p>

MP3/WMA Operating Instructions

SCAN PLAY		<i>Playing the first part of each file in folder you are listening to and searching for the file you want to listen to.</i>	
 <p>Radio unit</p>	1	<p style="text-align: center;">  Scan On </p>	<p>To start scan play</p> <p>Enabling the Scan function on the radio unit. The first 10 seconds of each file is played in sequence.</p>
	2	<p style="text-align: center;">  Scan Off </p>	<p>To cancel scan play</p> <p>Disabling the Scan function on the radio unit. Scan play will be canceled and normal play will resume.</p> <p>NOTE When all file in the folder you are listening to are scanned, the scan play is canceled.</p>

Specifications

Player Section

Laser Diode	GaAlAs ($\lambda=780$ nm)
Digital Filter (D/A)	8 Times Over Sampling
D/A Converter	1 bit
Spindle speed	1000 - 400 rpm (CLV 2times)
Wow & Flutter	Below Measurable Limit
Frequency response (± 1 dB)	20 Hz - 20 kHz
Total harmonic distortion (1 kHz)	0.01 %
Signal to Noise ratio (1 kHz)	90 dB
Dynamic range	90 dB
Stereo separation	80 dB
MP3 decode	Compliant with MPEG-1.0/2.0/2.5 Audio Layer-3
WMA decode	Compliant with Windows Media™ Audio

General

Supply voltage	13.2 V DC (negative earth)
Maximum current	1.5 A (operating) 1.5 mA (standby)
Dimensions (width x length x depth)	180 x 50 x 155 mm 7-1/16 x 2 x 6-1/8 inch
Weight	2.31 lbs (1.05 kg)

Specifications subject to change without notice.

HONDA

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