

2007 HDD NAVIGATION UPGRADE DISC

Upgrade Instructions and Operation Manual Addendum CNDV-700HD

<p>Notice to all users</p> <ul style="list-style-type: none">DO NOT LOSE SUPPLIED "MEDIA NUMBER CARD". If "MEDIA NUMBER CARD" is lost, re-creation of the "MEDIA NUMBER" is not possible. Also you must submit the "MEDIA NUMBER CARD" for repairs. The card is necessary as proof of authenticity if service is required (including recovery). This package is unique, and cannot be installed on more than one unit. Web-connected computer is required for the online issuance of password.
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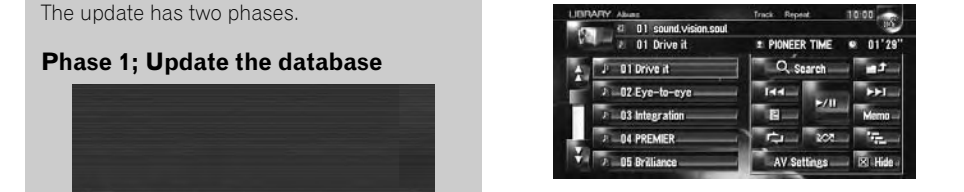
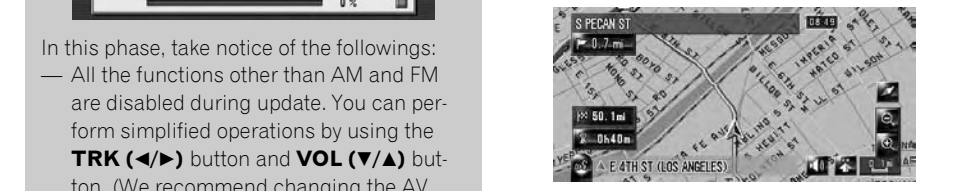
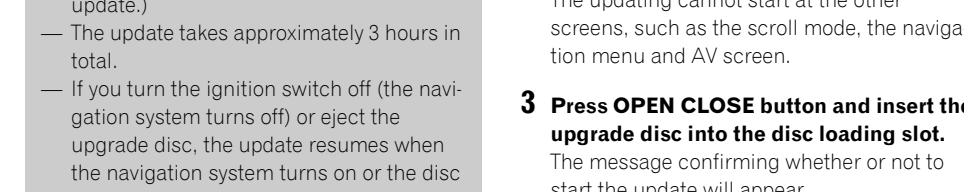
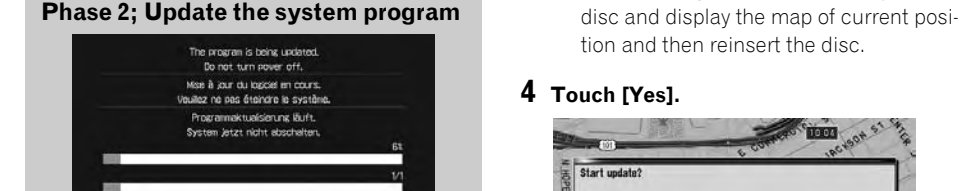
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- Music recognition technology and related data are provided by Gracenote®.

- Icons for XM Satellite Radio**
- The icon of each broadcast station is contained in the hard disk drive based on the data provided by XM Satellite Radio as of November 2006. Any changes made by XM Satellite Radio in the lineup or icon of the broadcast station in the future may not be supported by the navigation system, and may cause the unit to display incorrect icons.

STEP 2; Upgrade procedures

This section describes the upgrade procedures for your navigation system.

<p>Important notice: The update has two phases.</p> <p>Phase 1; Update the database</p>  <p>↓</p>  <p>↓</p>  <p>↓</p> <p>In this phase, take notice of the followings:— All the functions other than AM and FM are disabled during update. You can perform simplified operations by using the TRK (<F>) button and VOL (V/A) button. (We recommend changing the AV source to AM or FM before you start the update.)— The update takes approximately 3 hours in total.— If you turn the ignition switch off (the navigation system turns off) or eject the upgrade disc, the update resumes when the navigation system turns on or the disc is reinserted.</p> <p>Phase 2; Update the system program</p>  <p>↓</p> <p>In this phase, take notice of the followings:— No functions are available.— The update takes approximately 10 minutes.— NEVER stop the engine of your vehicle nor turn off the power supply to the navigation system until the installation is completed. Turning the power off in this phase causes a malfunction or failure of the navigation system.</p>

Instructions for Upgrading

<p>The screen shown in the example may differ from the actual screens. The actual screens may be changed without notice for performance and function improvements.</p>
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<p>CAUTION</p> <p>Read the entire manual before upgrading the program of your navigation system.</p>
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Models to be Upgraded

This disc can upgrade the program and database of the following models:
AVIC-Z1

Manual Overview

This manual is a supplementary document that summarizes the points that will be renewed after upgrading AVIC.Z1 by using CNDV.700HD. The operations other than those described in this manual are basically the same as those at the time you purchased the hardware. Use the Operation Manual and the Hardware Manual included in the hardware package as your primary reference.

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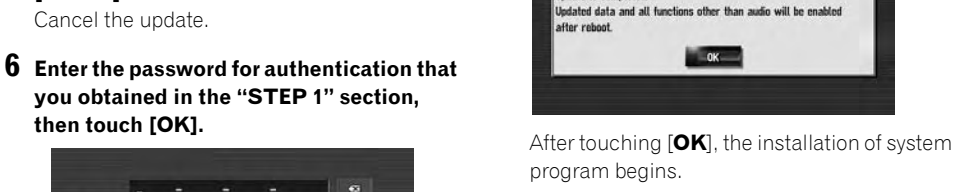
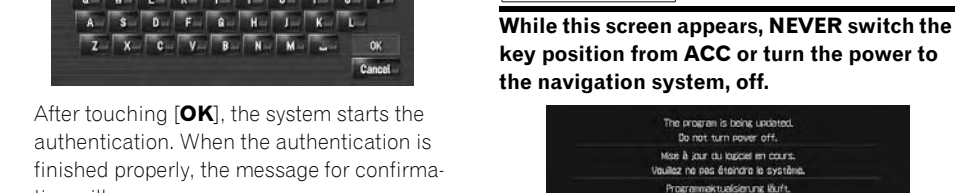
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- 5 Touch [Yes].**
- 
- ↓
- The message **"Password obtained from Pioneer should be entered to update. Have you obtained the password? Please press "Cancel" to stop update."** appears. To start the updating, touch **[Yes]**.
Alternative options:
[No]
Shows "Device Number" ("Device#") of your navigation system.
[Cancel]
Cancel the update.
- 6 Enter the password for authentication that you obtained in the "STEP 1" section, then touch [OK].**
- 
- ↓
- When the update of map database is completed, the finished message appears.

- 8 Touch [OK] to restart the system.**
- 
- ↓
- After touching **[OK]**, the installation of system program begins.
- CAUTION**
- While this screen appears, NEVER switch the key position from ACC or turn the power to the navigation system, off.**
- 
- ↓
- After the installation is completed, the navigation system restarts again.

- 9 Check the details of the caution message and touch [OK].**
The **[Regional Settings]** screen appears.
- After you touch **[Yes]** in this screen, you cannot abort the updating until the installation of the system program finishes. The update takes approximately 3 hours in total.

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Display "Version" to compare the current version number with the previous one. (For the operation, refer to "Checking "Device Number" in the "STEP 1" section.)

10. IF NECESSARY, CHANGE THE SETTINGS AS DESIRED.
In the **[Regional Settings]** screen, you can change the settings, such as language or time. (These operations are the same as before upgrade.)

- The settings can also be changed afterward.
- The time difference can be set from -4 to +9 hours.

11. TOUCH [OK].
The map of your surroundings is displayed. You can operate the navigation system by touching keys displayed on the screen as usual.

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• The **"MEDIA NUMBER CARD"** is necessary as proof of authenticity if service is required (including recovery). When repair of navigation system is required, the updated data cannot be compensated if you do not submit the **"MEDIA NUMBER CARD"**.

Setting items to be deleted and initialized

The following settings and items are cleared or returned to the default after upgrade. (The settings and items are not listed below will be retained.)

Map function:
View mode and scale setting on the map, direction of the map

Route Setting:
Current route and guidance status

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10. IF NECESSARY, CHANGE THE SETTINGS AS DESIRED.
In the **[Regional Settings]** screen, you can change the settings, such as language or time. (These operations are the same as before upgrade.)

- The settings can also be changed afterward.
- The time difference can be set from -4 to +9 hours.

11. TOUCH [OK].
The map of your surroundings is displayed. You can operate the navigation system by touching keys displayed on the screen as usual.

12. CHECKING WHETHER THE UPGRADE HAS DONE PROPERLY
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Renewed Points through this Upgrade

If you upgrade your navigation system by this disc, the system will have the following changes.

Renewal data

The following data are updated:
 — Map database
 — Gracenote® Database
 — XM channel icons

POI data coverage

Approximately 12 million POIs are included in the database.

Some facilities and categories used in **POI Search**, **Vicinity Search**, and **Overlay POI** will be modified (Including **Locate Car Service** in **Emergency Info**).

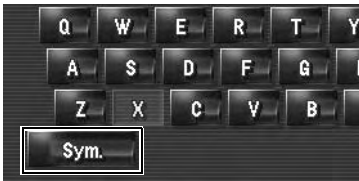
For the additional categories that can be used on the voice recognition, see "Category list for vicinity search (Renewal)".

Some POI information may not be accurate or may become inaccurate through the passage of time. Please directly contact the POI to verify the accuracy of the information about the POI which appears in this database. POI information is subject to change without notice.

Keyboard operation

The following operations change.

Input screen of "Address Search" and "POI Search"



[Sym.], [0-9]:
 Touch to toggle the selection.

Hands-free phoning

Device name

The default device name displayed on the cellular phone is **[PIONEER HDD NAVI]**. (If you already modified the default device name, the name already set remains. If you don't modify that or restore the default setting, the device name becomes **[PIONEER HDD NAVI]**.)

The display of "Unknown" user

Depending on the caller ID service, the phone number of the received call may not be displayed. **[Unknown]** appears instead.

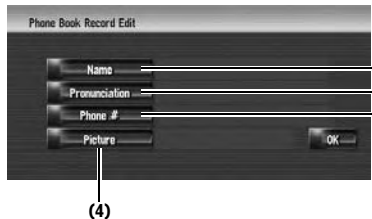
Editing the entry in "Phone Book"

You can edit **[Pronunciation]** to be used for voice recognition along with **[Name]**, **[Phone #]**, or **[Picture]**.

1 Touch [Information] in the navigation menu, and touch [Phone Menu].

2 Touch [Phone Book].

3 Touch  or [Add].
 The edit screen appears.



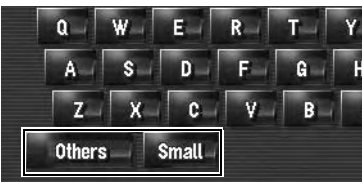
(1) Name

Enter the name to be displayed in the phone book. If you enter the name for new entry, you can select whether you use this entry as voice commands.

(2) Pronunciation
 You can enter the desired pronunciation independently from the name. The registered pronunciation is used for voice recognition.

Up to 40 characters can be input for the pronunciation.

Input screen for "Address Book", "Phone Book", "LIBRARY (Music Library)"



[Others], [0-9]:
 Touch to toggle the selection.

[Small], [Caps]:
 This is the new feature. Either lowercase or uppercase letters can be selected. Touch to toggle the selection.

Input screen for "Edit VIN" and "Edit Policy Number"



[Small], [Caps]:
 This is the new feature. Either lowercase or uppercase letters can be selected. Touch to toggle the selection.

Time restrictions

This is the new feature. This setting controls whether streets or bridges have traffic restrictions during a certain time should be taken into account.

If you want to set your route to avoid opened bridges, select **[On]**.

1 Touch the key in the following order in the navigation menu.
[Destination] → [Route Overview] → [Options]
 • **[Route Overview]** is displayed only when the route is set.

2 Touch [Time restrictions] to change the route calculation conditions.



Touching this option switches the setting on or off.


[On]*:
 Calculate a route while avoiding streets or bridges with traffic restrictions during a certain time.

[Off]:
 Calculate a route while ignoring traffic restrictions.

3 Touch [OK].
 The route is recalculated, and "Route confirmation screen" appears.
 The system may calculate a route that includes streets or bridges that are subject to traffic restrictions during a certain time even if **[On]** is selected.

CAUTION

If the time difference is not set correctly, the navigation system cannot consider traffic regulations correctly. Set the time difference correctly (For details, refer to Operation Manual of your navigation system.).

 shows for routes that contain streets or bridges that are subject to traffic regulations during a certain time when the setting **[Time restrictions]** is **[On]**.



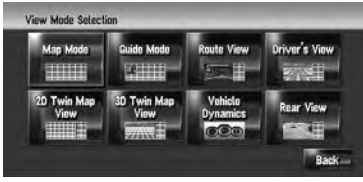
2D Twin Map View and 3D Twin Map View

Either **2D Twin Map View** or **3D Twin Map View** can directly be selected in **View Mode Selection** screen.

1 Press the MAP button to display a map of the area around your current position.

2 Press the MAP button again.

3 Touch the mode name to select the mode you want to display.



2D Twin Map View

The 2D map appears on the left screen.



3D Twin Map View

The 3D map appears on the left screen.



Touching anywhere on the map changes the map to "Scroll mode".

Address Book Icon

You can select whether to display the Address Book Icon on the map.

When you select **[Address Book Icon Display]** in **[Short-Cut Selection]**, you can switch this setting with the shortcut menu.


1 Touch the key in the following order in the navigation menu.
[Map] → [Displayed Info]

2 Touch [Address Book Icon].
 Each time you touch the key changes that setting.

[On]*:
 Displays the Address Book Icon on the map.

[Off]:
 Hides the Address Book Icon on the map.

Even if **[Address Book Icon]** is set to **[Off]**, the alarm sounds when you approach the registered location and the set image pops up. To turn off the sound output and image pop up, select **[No Sound]** and **[No Picture]** for the entry.

If you set  (dot), the registered name of that entry can be displayed on the map. The registered name does not appear if **[Address Book Icon]** is set to **[Off]**.

3D Landmark

You can select whether to display the 3D Landmark on the map.



1 Touch the key in the following order in the navigation menu.
[Map] → [Displayed Info]

2 Touch [3D Landmark].
 Each time you touch the key changes that setting.

[On]*:
 Displays the 3D Landmark on the map.

[Off]:
 Hides the 3D Landmark on the map.

3D Landmark only appears when the view mode is **[3D Twin Map View]** and the map scale is set to 0.25 mile (200 m) or lower.

Traffic event icon and line

Middle-sized icon is displayed on the map scale between 1 Mile to 2.5 Miles (2 km to 5 km).

The traffic-related items can be shown on "City Map".

Browsing the XM special contents

The following features have been modified to enhance ease of operation.

Storing browsable information

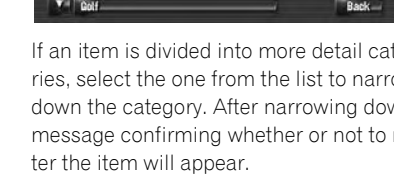
XM special contents can be stored as **[My Favorites]** so that it can be accessed without searching every time an update is needed.

The displayed items depend on the information that is sent from each station.

[My Favorites] can store up to 50 items.

1 Touch [Information] in the navigation menu, then touch [Set My Favorites].
 The screen will display a list of categories. The information appearing onscreen is automatically updated at regular intervals.

2 Touch a category you want to browse from the list.



If an item is divided into more detail categories, select the one from the list to narrow down the category. After narrowing down, a message confirming whether or not to register the item will appear.

4 Touch [OK].



If the storing step is successful, the confirmation screen will appear.
 Touch **[OK]** to complete the storing and return to the previous screen.

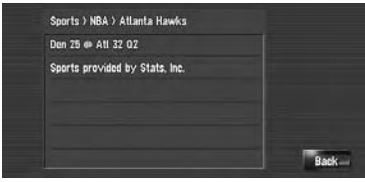
Displaying favorite browsable information

You can check and delete the browsable information you registered.

1 Store the desired item (topic).
 For the operation, refer to "Storing browsable information".

2 Touch [Information] in the navigation menu, and then touch [My Favorites].
 A list of registered items (topics) appears on the screen.

3 Touch an item to display the contents.
 The texts appear on each items show the process of storing in a hierarchical way.



Changing a pronunciation

1 Touch [Pronunciation].

2 Enter a new pronunciation, then touch [OK].
 The current pronunciation appears in the text box (if already set).

3 If the pronunciation is suitable, touch [Yes].
 The details you set are registered, and "Phone Book Record Edit" screen appears.

Alternative options:
[No]:
 Cancels the editing.

[Repeat]:
 You can reconfirm the pronunciation of the name you entered.

Setting the time difference

The time difference can be set from -4 to +9 hours.



Changing the Background Picture

The customizing of **Splash Screen** is added. The operation is the same as **[Navigation Background]** or **[AV Background]**. Please refer to the operation manual of the navigation system to operate.

[Splash Screen: The screen that appears when the Navigation system starts up.)

Precautions when changing the Splash Screen

The following is the default Splash Screen for the Navigation System.

[PIONEER Original]




If an image other than the one shown above is previously set (such as an image from the dealer or other source) and you change the **Splash Screen** once, you must use the CD-R (RW) where the image is recorded to restore the previous **Splash Screen**.

•••••


DVD playback

Touching **◀▶** resumes normal playback at a desired point during continuous fast rewind/fast forward (when **◀◀** or **▶▶** is shown).

You can also perform these operations by using the **TRK (◀▶)** button.

No sounds can be output during .

If the pronunciation is not the desired one, edit the characters so that the pronunciation matches your desired pronunciation.

When you confirm the pronunciation,  is shown on the left side of the location name displayed in the entries of "Phone Book". This icon indicates that this name can be used as a voice command during voice operation.

Messages and How to React to Them

The following messages may be displayed in the updating.

There are occasions when you may see error messages other than those shown here. In such a case, follow the instructions given on the display.

Message	When	What to do
Inserted disc is invalid. Please confirm that the disc is correct.	If you insert a disc upside down. If the disc is dirty.	Insert the disc with the label upward. Clean the disc and retry.
	If extreme vibration occurs continuously.	Retry in vibration-free condition.
	If the disc is cracked or otherwise damaged.	Consult your dealer.
An error occurred and the update failed. Update is restarted by pressing "Retry".	If the disc is dirty. Unexpected error occurred in the update process.	Clean the disc and retry. Consult your local Pioneer dealer if this message persist.

Voice recognition

Additional Voice Operations

Terms written in italics are voice commands.

Diaded with the pronunciation of the entry in Phone Book

Call → Telephone Book → <Registered phone book's pronunciation> → If the registered entry in phone book has telephone number data, touch **VOICE** icon to call the entry.

Notes:
 • The voice operations related to telephone are available only when using the hands-free phoning feature of this system and is unavailable during a call.
 • For <Registered phone book's pronunciation> shown above, say the registered pronunciation. For example, if the registered pronunciation in the entry of phone book is "My friend" and you want to operate "Telephone Book", say "My friend".

Making phone call to your home

Call → Call Home → Touch **VOICE** icon to call your home (Only when the phone number is registered in your home.)

Making phone call to the entry on the address book

Call → Call <Registered location's pronunciation> → If the registered location has telephone number data, touch **VOICE** icon to call the registered location.

Operating the view mode

Map Operation → Change View Mode* → Map View, Driver's View, 2D Twin Map View, 3D Twin Map View, Route View, Guide View, Rear View, Vehicle Dynamics → Map screen will be changed to selected view mode.

Note:
 Underlined commands are renewed.

Recalculating the route

Route Options → Change Route* → Rerouting, Use Main Road, Use Fast Route, Use Short Route, Use Freeway, Avoid Freeway, Use Ferry, Avoid Ferry, Use Toll Road, Avoid Toll Road → If the route already set, touch **VOICE** icon to recalculate.

Note:
 Underlined commands are added.

Renewed Other Commands

Preferential voice command	Other voice command
Back	Return, Before
Set As Destination	Set, Go, Route To Destination, Begin Guidance, Start
POI	Point Of Interest, Points Of Interest, Business Listing
Address	Addresses, Address Search, Search By Address
Address Book	Registered Points, My Addresses, Search By Address Book
Vicinity Search	Vicinity, Search Around, Search In Vicinity
2D Twin Map View	2D Twin, 2D Split
3D Twin Map View	3D Twin, 3D Split
Use Fast Route	Fast Route, Fastest Route
Use Short Route	Short Route, Shortest Route
Traffic Information	Traffic, View Traffic Info, Display Traffic Information, Current Traffic Information, Display Traffic Condition
Traffic Events List	Event List, Events, Traffic Events
Traffic On Route List	On Route List, Route List, Traffic On Route
Traffic Flow List	Flow List, Flows, Traffic Flow
Call	Dial, Ring, Dial Out, Place A Call, Make A Call
Call Phone Number	Call By Number, Call Number, Call By Phone Number, Call Using Phone Number
Navigation Screen	Navigation, Nav
AV Screen	AV, Audio
Change Source	Next Source, Source Change

Preferential voice command	Other voice command
CD	Change To CD, Switch To CD
DVD	Change To DVD, Switch To DVD
TV	Change To TV, Switch To TV
AM	Change To AM, Switch To AM
FM	Change To FM, Switch To FM
Music Library	Change To Music Library, Switch To Music Library
Music Search	Search My Music, Search Music
Album	Search By Album, Search Album
Artist	Search By Artist, Search Artist
Genre	Search By Genre, Search Genre
Track Search	Search By Track
iPod	Change To iPod, Switch To iPod
XM	Change To XM, Switch To XM
Sirius	Change To Sirius, Switch To Sirius

Category list for vicinity search (Renewal)

Modified Categories

The following categories are modified or added as the sub-category.

Category name	Old	New
Gas Station	EXXON-MOBIL	EXXON
	EXXON-MOBIL	MOBIL
Bank & ATM	BANK ONE	(Not available)
	CHASE MANHATTAN BANK	(Not available)
	FIRST UNION NATIONAL BANK	(Not available)
	FLEET BANK	(Not available)
	—	J P MORGAN CHASE
	SOUTHTRUST BANK	(Not available)
Fast Food Chains	—	DUNKIN DONUTS
Restaurant Chains	—	BONEFISH GRILL
	—	CARRABBAS ITALIAN GRILL
Supermarkets	JEWEL	JEWEL-OSCO
Automotive	RV Facility	RIVERBROOK FACILITY
Retailer Chains	FACTOR 2-U	FACTORY 2-U
Electronics Retailer	—	COMP USA
	GOOD GUYS	(Not available)