

## 13. Bluetooth® AUDIO PLAYER OPERATIONS

Some Bluetooth cellular phones have audio features, and some portable audio players support the Bluetooth feature. These devices will be called as "Bluetooth audio players" in this manual. This system can play audio data stored in a Bluetooth audio player.

**Note:**

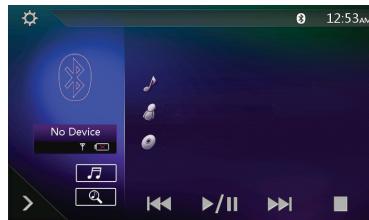
- This system will not operate or may operate improperly with some Bluetooth audio players.
- For detailed information on the playable Bluetooth audio players, see our home page: [www.clarion.com](http://www.clarion.com)

### Selecting the Bluetooth Audio Mode

1. Touch the [BT Audio] button to select the Bluetooth Audio mode.

The system changes to the Bluetooth mode. If the connection with a Bluetooth audio player has been already established, you may select the Music function.

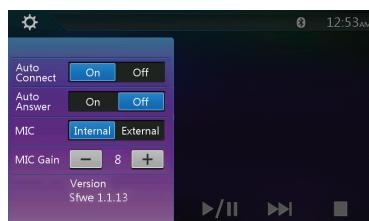
2. Press MENU button on Operational Panel to return to the Main Menu.
- When the connection with blue icon a Bluetooth audio player has been established, the [] icon is displayed at the top of the screen.



### Bluetooth Audio Player Settings

You can confirm various information concerning about the Bluetooth Interface features.

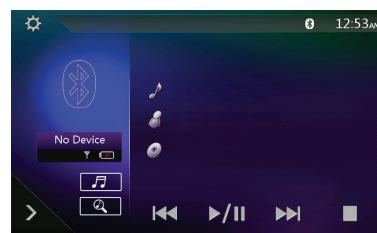
1. Touch the [] button to display the information on the screen.
2. When you finish confirming the Bluetooth information, touch the [] button to return to the previous screen.



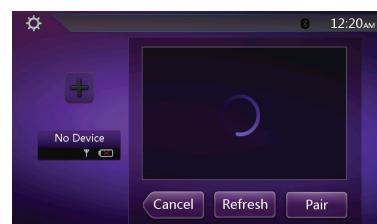
### Registering Your Bluetooth Audio Player (Pairing)

You can register up to 5 Bluetooth audio players. Your mobile phone Bluetooth version is under 2.0. Please input PIN code "0000".

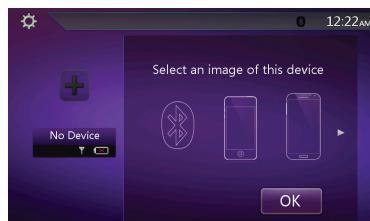
1. Turn on the power of the Bluetooth audio player you wish to register.
2. Touch the Device button [] to display the Device Select screen.



3. Touch the [] button to display the Inquiring Device screen.



4. Touch your desired device button and touch [] button to register for the Bluetooth audio player. Then select an image of this device.



And select a type of this device.



When the pairing operation completes, the registered Bluetooth audio player is set as the current device, after selecting the favorite icon, the display return to the device list screen. Touch [ ] button, the display will return to the Bluetooth audio mode screen.



- To delete the Bluetooth audio player registration
  - Touch the [ ] button to delete the device. A confirmation screen is displayed.
  - Touch the [Yes] button to confirm delete.

### Selecting the Bluetooth Audio Player

To change the current Bluetooth audio player to the other device which is already registered, perform the following operation.

- Touch the device button to [ ] display the Device Select screen.
- Touch the currently connected device button, then touch the [ ] button to disconnect the active device.
- Touch the desired Device button you wish to use. Touch [ ] button to select it as your active device. The corresponding cellular phone is set as current telephone.
- Touch the [ ] button to return to the previous screen.

### Controlling the Bluetooth Audio Player



#### Note:

- Occasionally, depending on the environment, playback sounds may be fragmented, or switch noises may be generated.

#### Playing Music

After the connection with a Bluetooth audio player is established, the play mode is automatically engaged.

- When playback is not started for some devices, touch the [ ] button manually.

#### Pausing Playback

- Touch the [ ] button during playback.

#### Playback Pauses.

- To resume playback, touch the [ ] button. Playback resumes.

#### Skipping a Track Searching

- Touch the [ ] or [ ] button during playback.

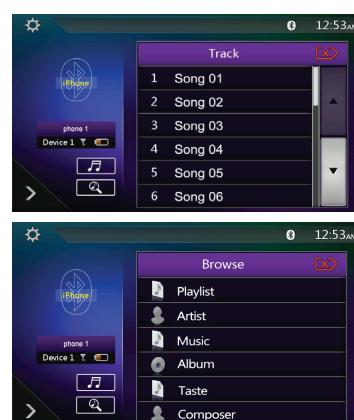
#### Stopping Playback

- Touch the [ ] button during playback. Tracks are stopped, touch the [ ] button to playback the first Track.

#### Show Track List

- Touch the [ ] button to show the current track list.

Touch the [ ] button to show all of the lists. And you can playback any tracks by touch the items in the list.



## 14. Bluetooth® TELEPHONE OPERATIONS

When the connection with your Bluetooth cellular phone is established, the following functions are available on this unit:

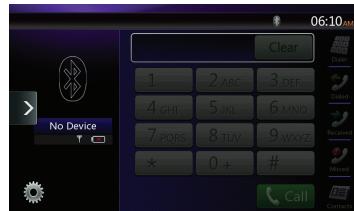
- Listening to your telephone calls on the car speakers.
- Answering to an incoming call.
- Making a call using the Ten-Key pad screen.
- Making a call using the Phone Book data in the selected cellular phone.
- Making a call using the History data of the dialed/received calls.

**Note:**

- Some cellular phones may not be able to transfer the Phone Book data to head unit.
- The Phone Book data transmission may take a long time. The operations of sending calls are disabled during the data transmission.

### Select the BT Phone Mode

1. Touch the [TEL] button to select the Bluetooth Telephone mode.  
The Telephone screen is displayed.
2. Press MENU button on Operational Panel to return to the Main Menu.
- When no Bluetooth Telephone connected, the icon [BT] is displayed at the top of the screen.



- When the connection with a Bluetooth Telephone has been established, the icon [BT] and signal level indicator are displayed at the top of the screen.



1. Touch the [BT] button to display the information on the screen.
2. Perform setting for the desired item. See the following sections for detail.
3. When you finish confirming the Bluetooth information, touch the [BT] button to return to the previous screen.



### Setting Automatic Connection

The system automatically reconnects the cellular phone after the connection is lost or the system is restarted.

- The factory default setting is “ON”. Touch the [On] or [Off] button of the Automatic Connection item to set the function ON or OFF.

### Setting Automatic Answer

If a call comes in, answer automatically after 5 seconds.

- The factory default setting is “OFF”. Touch the [On] or [Off] button of the Automatic Answer item to set the function ON or OFF.

### Setting Microphone Gain

You can adjust the input level of the microphone in 16 levels.

- Touch the level indicator button of the Microphone Gain item to adjust the input level.

**Note:**

- The input level of the microphone can be affected by its surroundings. Adjust the level if the person on the other end of the telephone has a reception problem.

### Bluetooth Telephone Settings

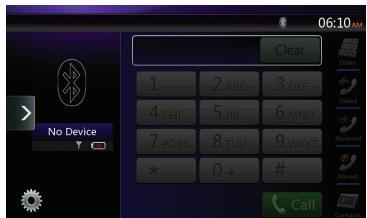
You can confirm various information concerning about the Bluetooth Interface features.

## Registering Your Cellular Phone (Pairing)

You can register up to 5 cellular phones. The registering method is as same as "Registering your Bluetooth audio player".

Your mobile phone Bluetooth version is under 2.0. Please input PIN code "0000".

1. Turn on the power of the cellular phone you wish to register.
2. Touch the Device button [  ] to display the Device Select screen.



3. Touch the [  ] button to display the Inquiring Device screen.



4. Touch your desired Cellular button to select the button for the cellular phone to be registered, and touch [  ] button to register for the Bluetooth cellular phone.
  - You cannot select the Cellular button of which another cellular phone is already registered. Select a blank Cellular button.
5. If entering the Pass Key code is prompted on your cellular phone, enter the Pass Key code set in this unit.
  - You can change the Pass key setting of this unit from the Bluetooth Info screen under the Telephone Settings screen.



When the pairing operation completes, the registered cellular phone is set as the current telephone, and the display returns to the Telephone screen.

- To delete the cellular phone registration
  1. Touch the [  ] button to delete the device. A confirmation screen is displayed.
  2. Touch the [  ] button to confirm delete.

## Select the Cellular Phone

To change the current cellular phone to the other device which is already registered, perform the following operation.

1. Touch the [  ] button to display the Device Select screen.
2. Touch the currently connected device, then touch [  ] button to disconnect the active device.
3. Touch the desired Device button you wish to use. Touch [  ] button to select it as your active device. The corresponding cellular phone is set as the current telephone.
- If the power of the cellular phone is not turned on, turn it on.
- The cellular phone may prompt to acknowledge the Bluetooth connection or to enter the Pass Key code of this unit. Perform these operations according to the message displayed.
4. Touch the [  ] button to return to the previous screen.

## Get the Phone Book Data

Sending the Phone Book data from the cellular phone enables you to make a call using the Phone Book function from this unit.

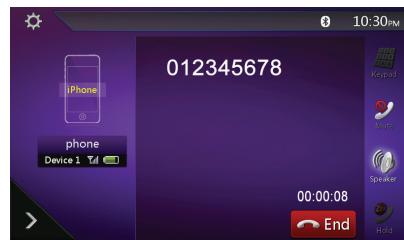
## Telephone Operations

### Making a call using the Ten-Key pad

1. Touch the [  ] button to display the Ten-Key pad screen.
2. Enter the telephone number by using the Ten-Key pad displayed on the screen.

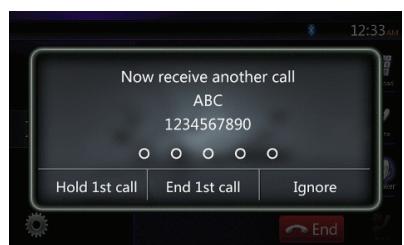


3. Touch the [Call] (Send) button to call the entered number.
- The following Telephone Interrupt screen is displayed during phone call.



- Touch the [Talk] button to talk by using the cellular phone and canceling the hands-free function (Private Mode). To return to the hands-free mode, touch the [Talk] button again.
- Touch the [Mute] button to mute the microphone. Now you can hear the other side, but the other side cannot hear your side.
- Touch the [Hold] button to hold the current phone call, now you can answer to the other incoming call. Touch again to talk with previous call

If during a call with a third-party call, you can keep the current call to answer a third party or hang up the current call to answer a third party. You can also ignore the third-party calls.



4. When the call is finished, touch [End] button to hang up.

#### Note:

- Depending on some special cellular phone, the Telephone Interrupt screen may be closed and the connection with this system may be disconnected when entering the Private mode.

## Making a Call Using the Phone Book

You can use the Phone Book data obtained from the cellular phone to make a call from this unit.

#### Note:

- Before using this function, the Phone Book data must be sent from the cellular phone.*
- Only the Phone Book items with at least one telephone number registered in the captured Phone Book data are displayed on the Phone Book screen.*

- Touch the [Keypad] button to display the Phone Book screen.
- Touch the desired name button you wish to dial.
- Flick the list up and down to scroll the list.
- Touch the [Call] button to call the specified number. The Telephone Interrupt screen is displayed, and calling starts.
- When the call is finished, touch the [End] button to hang up.

## Making a Call Using the History

The system will memorize the Dialed/Received calls record data in the memory. You can confirm it and use it to make a call from this unit.

- Touch the [History] button. The History List screen is displayed.
- The items are sorted by Dialed, Missed and Received calls.
- Flick the list up and down to scroll the list.
- Touch the desired History item key you wish to dial.
- Touch the [Call] button to call the specified number. The Telephone Interrupt screen is displayed, and calling starts.
- When the call is finished, touch the [End] button to hang up.

## Answering to an incoming call

When a call comes in, the following Telephone Interrupt screen appears.



You can answer to the incoming call on this system by the following operation.

- Touch the [Call] button to answer the call.
- When the call is finished, touch the [End] button to hang up.

### **Using Siri Eyes Free Function**

You can use the Siri Eyes Free function by the following operation.

1. Turn on Siri setting of your iPhone.
2. Press and hold the [VOICE] button until you hear the warning tone.

The indicator change as follows.



3. Talk to Siri the same way as using it on the iPhone.
4. To finish Siri Eyes Free function, touch the [Cancel] button.



Notes:

Siri Eyes Free is available on iOS 6.1 or higher.

Please use external mic when you use the Siri Eyes Free function.

## 15. TUNER OPERATIONS

### Listening to the Tuner

1. Touch the [Tuner] button on the main menu display. The tuner mode screen is displayed.
2. Touch the [FM1/FM2/FM3/AM] button to select the radio band. Each time the button is touched, the radio reception band changes in the following order: FM1->FM2->FM3->AM -> FM1...



1. Preset Scan button
2. Seek down button
3. Seek up button
4. Step down button
5. Step up button
6. Frequencies display
7. System time
8. Bluetooth status indicator
9. Preset channel list
10. DX/Local indicator
11. Band button
12. Shortcut button
13. Option button

### Seek Tuning

1. Touch the [FM1/2/3/AM] button to select the radio band (FM or AM).
2. Touch the [◀] or [▶] button
  - When touch the [▶] button, the station is searched in the direction of higher frequency.
  - When touch the [◀] button, the station is searched in the direction of lower frequency.

### Step Tuning

1. Touch the [FM1/2/3/AM] button to select the radio band (FM or AM).
2. Touch the [▲] or [▼] button in frequency menu to tune up or down by one step.

### Recalling a preset station

1. Touch the [FM1/2/3/AM] button to select the desire band (FM or AM) on the tuner.

2. Press the preset station (1 to 6) on Preset list.

### Manual memory

1. Touch the desired band button to select the band you wish to store.
2. Tune to a station you want to store using the seek tuning, step tuning, or preset tuning.
3. Touch and hold the desired Preset button you want to store for about 2 seconds.

### Auto Store

The Auto Store is a function for storing up to 6 stations that are automatically searched in sequentially. If the number of receivable stations cannot reach to 6, the previous stored station remains.

1. Touch the [FM1/2/3/AM] button to select the desired band. (FM or AM)
  2. Touch the [Start] button, and then touch the [Start] button to start the Auto Store.
- A beep sounds and the stations with good reception are stored automatically to the preset list.

### Notes:

1. After auto store, the previous stored stations will be overwritten.
2. The unit has 4 bands, but FM3 and AM can store by Auto Store function.



### Preset Scan

The Preset Scan receives the stations stored in the preset memory in order. This function is useful when searching for the desired station in memory.

1. Touch the [FM1/2/3/AM] button to select the desired band. (FM or AM)
  2. Touch the [Preset Scan] button to start the Preset Scan.
- The unit starts scanning each station for 10 seconds sequentially. But the station stored is not a valid station; the scanning time is only 2 seconds.
3. When the desired station is tuned in, touch the [Preset Scan] button again to stay in that station.

### DX/Local Setting

The DX / Local setting changes the tuner sensitivity in order to separate closely spaced stations. This feature is useful in areas that have many radio stations in close proximity.

## 16. SiriusXM® Satellite Radio OPERATIONS

Only SiriusXM® brings you more of what you love to listen to, all in one place. Get over 140 channels, including commercial-free music plus the best sports, news, talk, comedy and entertainment. Welcome to the world of satellite radio. A SiriusXM Vehicle Tuner and Subscription are required. For more information, visit [www.siriusxm.com](http://www.siriusxm.com).

### Activating Your SiriusXM Subscription

After installing your SiriusXM-Connect Vehicle Tuner and antenna, power on your head unit and select SiriusXM mode. You should be able to hear the SiriusXM preview channel on Channel 1. If you cannot hear the preview channel, please check the installation instructions to make sure your SiriusXM Connect tuner is properly installed.

After you can hear the preview channel, tune to Channel 0 to find the Radio ID of your tuner. In addition, the Radio ID is located on the bottom of the SiriusXM Connect Vehicle Tuner and its packaging. You will need this number to activate your subscription. Write the number down for reference.

#### **Note:**

*The SiriusXM Radio ID does not include the letters I, O, S or F. In the USA, you can activate online or by calling SiriusXM Listener care:*

- Visit [www.siriusxm.com/activatenow](http://www.siriusxm.com/activatenow)
  - Call SiriusXM Listener Care at 1-866-635-2349
- For Canadian Subscriptions, please contact:*
- Visit [www.siriusxm.ca/activatexm](http://www.siriusxm.ca/activatexm)
  - Call XM customer Care at 1-877-438-9677

*As part of the activation process, the SiriusXM satellites will send an activation message to your tuner. When your radio detects that the tuner has received the activation message, your radio will display: "Subscription Updated". Once subscribed, you can tune to channels in your subscription plan. Note, the activation process usually takes 10 to 15 minutes, but may take up to an hour. Your radio will need to be powered on and receiving the SiriusXM signal to receive the activation message.*

### Selecting a Satellite Radio Mode

Touch the SiriusXM button on the Main Menu display. The system changes to the SiriusXM Satellite Radio mode. The SiriusXM mode screen is displayed.



1. Band select button
2. Signal status
3. Option Setting button
4. Current Channel Number / Category Name / Preset Number
5. Preset List Button
6. Channel List Button
7. Category List Button
8. List scroll buttons
9. Channel List
10. Channel up button
11. Channel down button
12. Direct Channel Tuning button
13. TuneMix button
14. iTunes radio tagging button
15. Channel Name / Artist Name / Song Title / Content Info

### Displaying the SiriusXM Radio ID

Touch the SiriusXM button on the main menu display. The SiriusXM Radio ID is required for activation and can be found by tuning to Channel 0 as well as on the label found on the SiriusXM Connect tuner and its packaging.

You can also find it by touching the [Option Setting] button to enter the Setting menu.

### **Channel Selection by Up/Down Button**

1. Select the channel with [**◀▶**] button. Only channels that can be received are selected. Channels that are locked and channels not covered by the subscription will be skipped. The receiver tunes to the next available channel below or above the current channel.

### **Channel Selection by Channel Number**

1. Touch the [Direct Channel Tuning] button to enter channels directly.
2. Enter the number of your desired channel by touching the [**0**] to [**9**] buttons. If you enter a wrong number, you can cancel it by touching the [**Clear**] button.
3. Touch the [**OK**] button. The radio will be tuned to the channel you entered.

### **Tuning to Channels from the Channel List**

1. Touch the [**Channel List**] button on the SiriusXM Menu display to enter channel list preview mode.
2. Touch and flick the category list up or down.
3. You can select any channels in the list directly.

### **Tuning to Channels from the Preset Channel List**

A total of 6 SiriusXM channels for each band can be stored in the tuner's memory. You can access the presets by touching the Preset button. This allows you to store your favorite satellite radio channels in the memory for later recall.

1. Touch the [**Preset List**] button on the SiriusXM Menu display to enter preset list preview mode. You can select the desired channel by touching the preset list.
2. To store the current channel as a preset, touch and hold a preset button for more than 2 seconds to save the channel to that preset button.

### **Tuning to Channels from the Category List**

Satellite Radio allows you to select broadcast channel category (contents).

1. Touch the [**Category List**] button on the SiriusXM Menu display to enter category list preview mode.
2. Touch and flick the category list up or down.
3. Touch the desired category item button to enter channel lists belonging to this category.

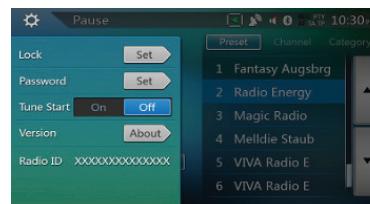
4. Select the desired channel by touching it on the list.
5. Touch the [**Return**] button to go back to category list.

#### **Note:**

"All Chan" category includes all channels available with your subscription, including locked channels which are displayed with an "(L)".

### **Parental Control Lock / Unlock**

The Parental Control feature allows you to limit access to any SiriusXM channels, including those with mature content. When enabled, the Parental Control feature requires you to enter a passcode to tune to the locked channels. Information on setting up the passcode and locking channels can be found below.



1. Touch the [**Option Setting**] button to enter setting page.
2. Touch the [**Set**] button in "Lock" item to enter passcode screen, enter the right passcode to enter the lock list.



3. Touch and flick the channel list up or down.
4. Touch and hold the channel item, and it will be locked or unlocked alternately.

### **Setting the Password**

1. Touch the [**Option Setting**] button to enter setting page.
2. Touch the [**Set**] button in "Password" item to set a new passcode following the screen indicator.

If you enter a wrong number, you can cancel it by touching the [Clear] button.

**Note:**

You must input the correct passcode to enter the lock list. When you try to tune to a locked channel by the direct tune keypad, it will display the password keypad. Only entering the correct code can tune to that channel, otherwise it will go back to the previous channel.

The default passcode is "0000".

### Replay

The Replay feature allows you to pause, rewind and replay live SiriusXM Satellite Radio programming. Operation of the Replay feature can be found below.

1. Touch the [Play/Pause] button to start Replay mode.
2. In Replay mode you can use the buttons below to control playback.



1. Playback Status.
2. Previous track/program.  
Fast Backward (long press).
3. Play/Pause Button.
4. Next track/program.  
Fast forward (long press).
5. Go to Live mode (Only displayed during Replay mode).
6. Remaining time to LIVE.
7. Buffered memory.
8. Playback position.
9. Current track play time .

### SmartFavorites

SmartFavorites allow you to rewind and replay any missed programming from your current Band of Preset channels. Miss a music, news, talk or sports segment?

No Problem, because you can rewind and replay when you tune to one of your Preset channels and hear what you missed.

**Note:**

1. Compatible with SXV200 or later tuner models.
2. SXM1 band only is assigned as SmartFavorites for SXV200, and SXM1/SXM2/SXM3 bands for SXV300 or later.

### TuneStart™

With the TuneStart™ feature turned ON, you will hear the beginning of the song when you tune to one of your Preset channels. It may take a minute or two for the feature to work after power up or after changing preset bands.

You can turn TuneStart On or Off in the following operation.

1. Touch the [Option Setting] button to enter the setting men.
2. Touch and slide to select "On" or "Off" in "TuneStart" item.

**Note:**

1. Compatible with SXV200 or later tuner models.
2. TuneStart will only work for channels in the SXM1 band with a SXV200, and channels in the SXM1/SXM2/SXM3 bands with a SXV300 or later in SXM1/SXM2/SXM3 bands for SXV300 or later.

### TuneMix™

TuneMix™ plays a unique blend of songs from your Preset music channels from the current SiriusXM Preset Band, allowing you to build a custom channel from as few as two to as many as 6 music channels. You can even skip songs you don't want to hear. Operation of the TuneMix Feature can be found below.

1. Touch the [TuneMix] button to start playback with the [TuneMix] button highlighted.
2. You can operate the buttons for the Replay function while listening to TuneMix.
3. To cancel the TuneMix feature, touch the [TuneMix] button again.

**Note:**

1. Compatible with SXV300 or later tuner models.
2. When there are not enough channels or tracks, the [TuneMix] button is grayed out.

### iTunes Radio Tagging

With iTunes song tagging, you can tag songs you hear while listening to SiriusXM. The tagging information is saved in your radio until you connect your iPod or

iPhone and then the tagging information is transferred to your iPod/iPhone.

When your iPod/iPhone is connected to iTunes, you will then be able to preview and purchase the song that you heard while listening to SiriusXM Satellite Radio. Information on using the iTunes song tagging feature is described below:

1. When tagging data is available for the current song, a flag in the "Song" field will be highlighted.
2. Touch this flag to tag the song; the color of the flag will turn to blue with a message of "Tagging x/64" in the header portion of the screen. "x" is the number of songs tagged & stored on your head unit.

**Note:**

1. During tagging, if your iPod/iPhone is connected to the head unit then tagged songs will be stored directly to the iPod/iPhone instead of the head unit. If no iPod/iPhone is connected then the tag information will be saved to the head unit.
2. This unit can store up to 64 pieces of tagged information. When the memory of the unit is full, "Memory Full Connect iPod" may be displayed.
3. If there is stored tag information on the unit, when an iPod/iPhone supporting the tag function is connected, the stored tag information will be transferred to the iPod/iPhone automatically.

## 17. HDMI MODE

### **Wire Connection of HDMI Mode**

iPhone 4, iPhone 4s, iPhone 5, iPhone 5s and iPhone 5c can be connected by using the connector cable supplied with the iPhone 4, iPhone 4s, iPhone 5, iPhone 5s and iPhone 5c and HDMI cable (sold in the market) or CCA-802 (sold separately) and digital Av adapter

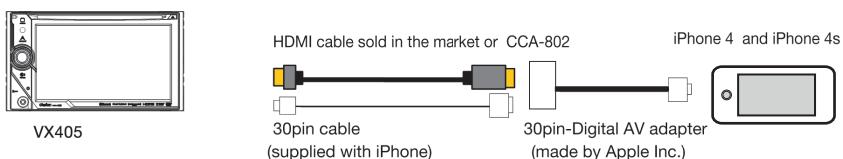
Note:

The following is part of the wiring example.

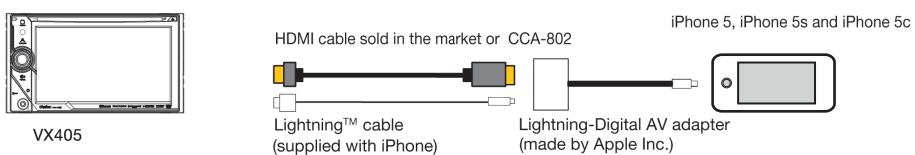
Depending on the device, there is a case to connect to the device directly with the CCA-771.

Depending on the adapter or device, there is a case that the audio noise and video noise is generated.

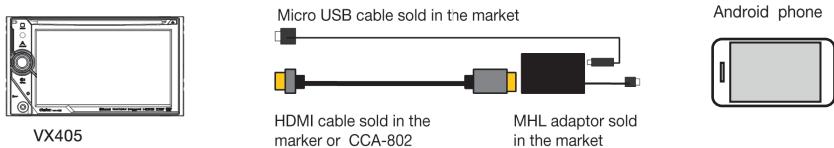
(1) Connection with the iPhone 4 and iPhone 4s



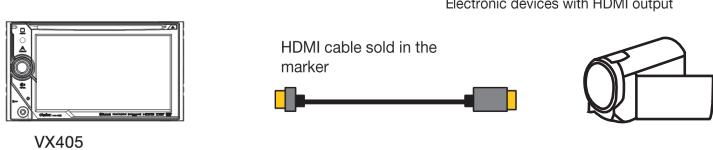
(2) Connection with the iPhone 5, iPhone 5s and iPhone 5c



(3) Connection with the Android Phone



(4) Connection with the equipment with HDMI output

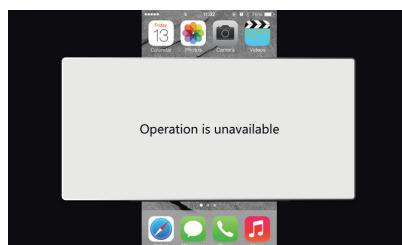


### Select HDMI Source



Touch the HDMI menu button, then appear the screen of the connected device.

This HDMI mode is only indicate the screen of the iPhone, Android. Can't operate by the touch screen of NX405



Note:

Depending on the application and model of the mobile phone, there is the case that black frame appears around the screen.