

# Bluetooth® Audio Operation

## ● Bluetooth®

The Bluetooth® audio system enables users to enjoy music played on a portable player from the vehicle speaker via wireless communication.

This audio system supports Bluetooth®, a wireless data system capable of playing portable audio music without cables. If your portable player does not support Bluetooth®, the Bluetooth® audio system will not function.



**Caution**

- Do not operate the player's controls or connect to the Bluetooth® audio system while driving.
- Do not leave your portable audio player in the car. In particular, high temperatures inside the vehicle may damage the portable audio player.
- Connecting to bluetooth is disable while driving.



**Notes**

- In the following conditions, the system may not function.
  - The portable audio player is turned off.
  - The portable audio player is not connected.
  - The portable audio player has a low battery.
- Depending on the portable audio player that is connected to the system, certain functions may not be available.
- It may take time, the phone connection is carried out during Bluetooth® audio play.
- Some Bluetooth® devices (Below Bluetooth® 2.0) may not connect to this unit depending on the Bluetooth® version of the device.
- This unit may not work for some Bluetooth® devices.
- Connecting conditions may vary depending on your environment.

● Portable audio players must correspond to the following specifications in order to be connected to the Bluetooth® audio system. However, please note that some functions may be limited depending on the type of portable audio player.

- Bluetooth® Specification  
Ver.1.1 or higher (Recommended: Ver.2.1 or higher)
- Profile  
A2DP (Advanced Audio Distribution Profile) Ver.1.0 or higher (Recommended: Ver.1.2 or higher)  
This is a profile to transmit stereo audio or high quality sounds to the headphone.  
AVRCP (Audio/Video Remote Control Profile) Ver.1.0 or higher (Recommended: Ver.1.4 or higher)  
This is a profile to remote control the A/V equipments.



**Caution**

- The frequency bands in which the unit is used are also utilized by, apart from chemical/medical equipment and devices such as microwave ovens, in-premises wireless stations for identifying mobile equipment used in a plant production line (wireless stations requiring a license), specified low-power wireless stations (wireless stations not requiring a license), and amateur wireless stations (wireless stations requiring a license) (the aforementioned 3 types of wireless stations are hereinafter referred to as the "other wireless stations"). Before using the unit, be sure to verify that no "other wireless stations" are being used in the vicinity of the unit. In the event that the unit causes harmful interference to the "other wireless stations", move promptly to a position where this harmful interference is avoided.
- The unit is used at a frequency of 2.4GHz.
- The FH-SS modulation technique is adopted.
- The interference distance is hypothesized to be not more than 10m.
- The unit is able to be used across all frequency bands which ensures the bandwidth of mobile equipment identifiers can be avoided.
- This telecommunication equipment conforms to NTC technical requirement.

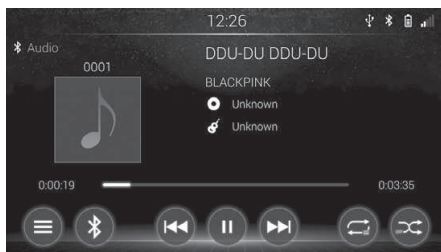
## 1 Switching to Bluetooth® Audio Mode



- (1) Touch **Menu** in the Home screen (→ Page 8).
  - The audio system turns on in the previously used mode.



- (2) Touch **Bluetooth** in the Menu screen.



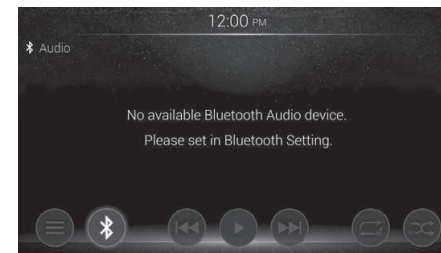
- (3) The BT Audio screen (Bluetooth Audio basic operation screen) will display when Bluetooth® audio is connected.

## 2 Connecting a Bluetooth® Audio Player

To use the Bluetooth® audio system, you need to register your portable audio player into the system. Once you have registered it, you can enjoy your music on the vehicle's audio system. Procedure is disable while driving.

### ● When a Bluetooth® Device is not Registered

If you have not yet registered any Bluetooth® device, you must first register it according to the following procedure.



- (1) Touch Bluetooth® Symbol .

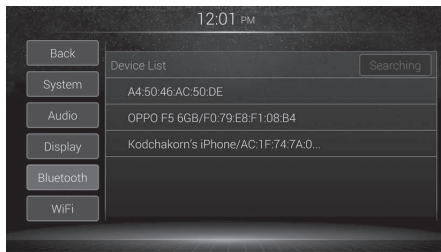


- (2) Touch [Add Device] to connect to Bluetooth® device.

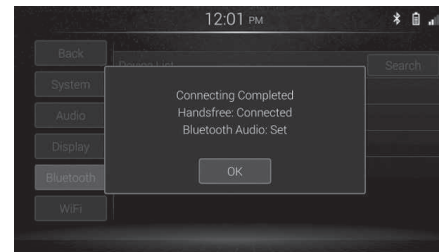
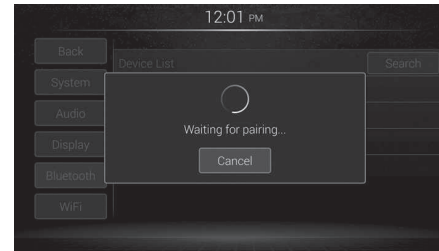
- The [Add Device] cannot be select during the driving. Please stop driving and turn the parking brake to ON.



● Searching for nearby Bluetooth devices.



- (3) Two registration methods are available:
- Searching for nearby Bluetooth devices.
  - pairing from your Bluetooth devices.



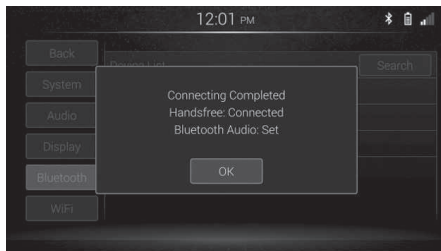
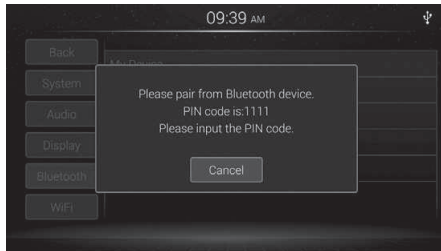
- (1) Activate the Bluetooth wireless technology on your devices.
- (2) Touch [Add Device].
- (3) Touch [Search Device] The system searches for Bluetooth devices waiting for connection and displays them in the list if a device is found.
- (4) Touch the Bluetooth device name you want to register. While connecting, "Waiting for pairing ..." is displayed.

- (5) Touch **OK** to pair with the device. If "Connecting completed" is displayed, Touch **OK**.

## ● Pairing from your Bluetooth devices.



- (1) Activate the Bluetooth wireless technology on your devices.
- (2) Touch [Add Device].
- (3) Use the Bluetooth setting in the device to pair this product with the device.

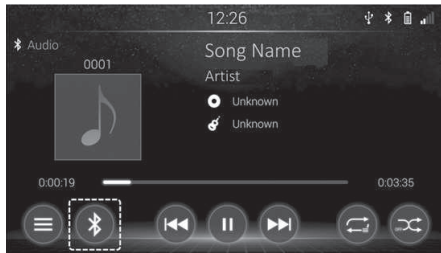


## Notes

- The system searches for available Bluetooth devices near this product displays them in a list, and registers them for connection.
- This function is only available when the Bluetooth function is turned on.
- Up to 30 devices will be listed in the order that the devices are found.
- If the device name cannot be obtained, only MAC address will be displayed.
- In the Bluetooth device you want to connect this product with cannot be found, Check if the device is on standby for the Bluetooth connection and if the device is visible on the Bluetooth connection.
- Perform the procedure from step 1 again to the device.
- If your device support SSP (Secure Simple Pairing), a six-digit number appears On the display of this product. Touch **OK** on the screen of this product, and accept the pairing request on the device to pair with the device.
- If "Pairing failed" is displayed, try again from the beginning.

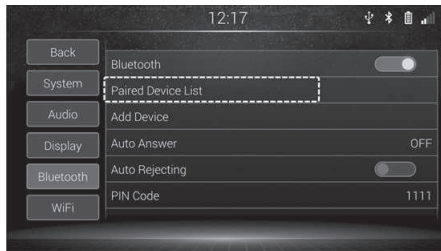
## ● When a Bluetooth® Device is Registered

If you have registered some Bluetooth® devices, you can change the device connected and add a new device.

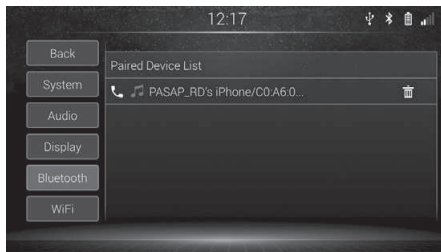


(1) Touch Bluetooth® Symbol.

- You can add up to 5 devices.
- Only one device can be connected at a time.



(2) Paired Device List will shown on display the Select Phone screen is shown.



(3) Touch the Bluetooth device name.



(4) Touch the function you want to use to place a tick mark.

- Handsfree – Enables use of hands-free phoning via HFP (Hands-Free Profile).
- Bluetooth Audio –Enables use of the Bluetooth audio player A2DP (Advanced Audio Distribution Profile)/AVRCP (Audio/Video Remote Control Profile).

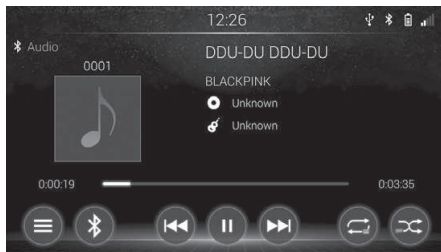


(5) Slide the setting key for [Auto Phonebook Transfer] to the desired position (On/Off) and touch **OK**.

## ● Bluetooth® Settings screen

To change Bluetooth® settings, see “Bluetooth® Settings”. (→ Page 76)

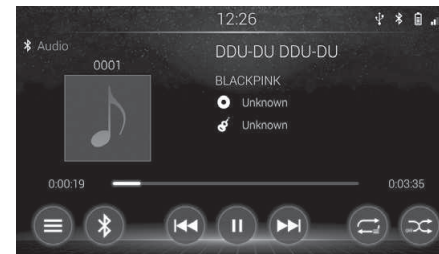
### 3 Playing a Bluetooth® Audio Player



- The title of the track and album currently being played will be displayed.
- Some titles and controls may not be displayed depending on the type of Bluetooth® portable audio player.

Status	Meaning
	Touch to pause the track.
	Touch to resume playing track.
	Touch to selecting Song on the File List screen. (Available only Songs on device, If you use BT Audio from Music online applications list not available to use).
	<ul style="list-style-type: none"> <li>– Touch the switch to go to the head of file.</li> <li>– Touch the switch to go to the previous file, if the playback time is less than 1 second.</li> <li>– Hold to fast-rewind while the switch is being held.</li> <li>– Playback starts when the switch is released.</li> </ul>
	<ul style="list-style-type: none"> <li>– Touch to go to the next track.</li> <li>– Hold to fast-forward while the switch is being held.</li> <li>– Playback starts when the switch is released.</li> </ul>

### ● Status Display



Indicates the status of the Bluetooth® connection.

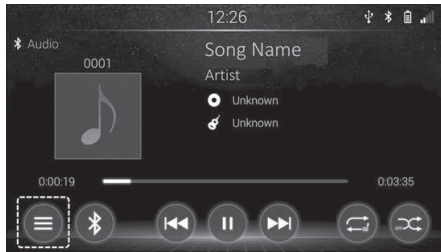
Indicator	Name	Function
	BT signal strength	Display BT-HF (Bluetooth®-Handsfree) signal strength of connected phone
	Call prohibition	Display BT-HF (Bluetooth®-Handsfree) call function prohibition status
	Battery capacity Mark	Battery Capacity of connected BT-HF (Bluetooth®-Handsfree) phone
	BT Mark	Display Bluetooth® connection icon



#### Notes

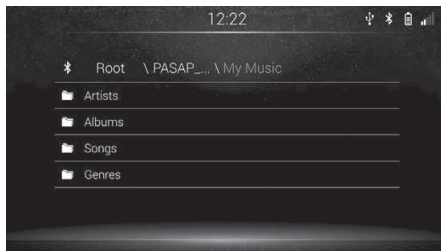
- An antenna for the Bluetooth® connection is built into in the display. The condition of the Bluetooth® connection may not be good and the system may not function when you use the portable audio player in the following conditions.
- Your portable audio player is hidden from display (behind the seat or in the glove box and console box).
  - Your portable audio player touches or is covered with metal materials.

## ● Selecting a Track

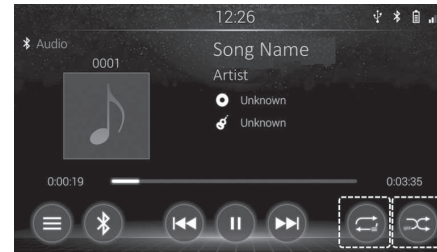


- (1) On the Bluetooth® operation screen, touch.
- (2) Select a file to play back from the category list.
  - Touch the desired category.

1. All tracks – Displays all files stored in smartphone
2. Genres – Displays files sorted by genre
3. Artists – Displays files sorted by artist name.
4. Album – Displays files sorted by album name.
5. Folders – Displays folders.





## ● Playing Repeat and Random Order



### <Repeat Mode>

Repeats playback of the current track.



- The repeat mode changes as follows each time the screen switch is touched.

Switch	Name	Function
	Repeat 1 File	Repeats the current file only.
	Repeat List	Repeats all the files in the current list.

### <Random Mode>

Tracks are selected by the unit at random for playback.

- The random mode changes as follows each time the screen switch touched.

Switch	Name	Function
	Shuffle OFF	Disables random playback and play in normal playback.
	Shuffle ON	Plays back files in random order within the selected repeat play range.

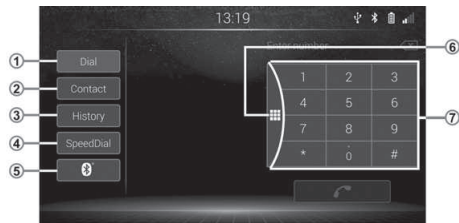
# Phone (Hands-Free System)

## 1 Display the Hands-free phoning screen.



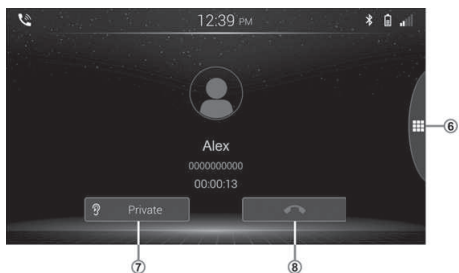
- (1) Touch **Menu** on Home screen
- (2) Touch **Phone** on Menu screen

### ● Hand-free phoning screen

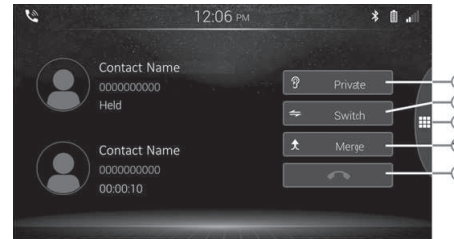


- (1) Displays the Dial screen that enables to enter a phone number directly.
- (2) Displays the contact list.
- (3) Displays the history list.
- (4) Displays the Speed dial screen.
- (5) Display the Bluetooth Setting screen.
- (6) Closes or displays the dial pad.
- (7) Enters a phone number to call.
- (8) Switches between private mode (talking directly to the phone) and hands-free phoning.

### ● During a call



- Private mode can only be operated while you are talking on the phone.



- (9) Place the current line on hold and talk with the party on another line.
  - When you have an active call and a call on hold, you can switch between the two calls.
  - This function is not available if your mobile phone or the carrier you are using does not support the function.
- (10) Starts the conference call.
  - When you have an active call and a call on hold, you can join the two calls into a conference call.
  - This function is not available if your mobile phone or the carrier you are using does not support the function.

Bluetooth® hands-free system allows you to make or receive a call without operating the cellular phone directly.

This system supports Bluetooth®.

Bluetooth® is a wireless data system by which you can call without your cellular phone being connected with a cable or placed on a cradle.

The operating procedure of the system is explained in this section.

- For registering and setting of the phone, see “Connect a Bluetooth® Phone” (➔ Page 36).





## Notes

- If your cellular phone does not support Bluetooth®, this system will not function.
- Depending on the cellular phone models, some functions may be restricted.
- In the following conditions, the system may not function.
  - The cellular phone is turned off.
  - The current position is outside the communication area.
  - The cellular phone is not connected.
  - The cellular phone has a low battery.
  - When outgoing is controlled, due to heavy traffic on telephone lines, etc.
  - When the cellular phone itself cannot be used.
  - When transferring the phonebook data from the cellular phone.
- Even if your cellular phone supports both hands-free and audio Bluetooth® connections, it may not be able to connect to the hands-free connection at the same time.
- When using Bluetooth® audio and hands-free at the same time, the following problems may occur.
  - The Bluetooth® connection may be cut.
  - Noise may be heard on the Bluetooth® audio playback.
- The Bluetooth® phone battery will burn out quickly when it is connected to Bluetooth®.



## Caution

- Use a cellular phone or connect the Bluetooth® phone only when safe and legal to do so.
- Do not leave your cellular phone in the car. The temperature inside may be high and damage the phone.
- If the Bluetooth® phone is too close to the system, quality of the sound may deteriorate and connecting condition may go down.

- This system supports the following service.
- Bluetooth® Specification  
Ver.1.1 or higher (Recommended: Ver.2.1+EDR or higher)
- Profile
  - HFP (Hands Free Profile) Ver.1.0 or higher  
(Recommended: Ver.1.5 or higher)  
This is a profile to allow hands-free phone call using the cellular phone or head sets. It has an outgoing and incoming call function.
  - OPP (Object Push Profile) Ver.1.1 or higher  
This is a profile to exchange phonebook data. When the Bluetooth® phone has PBAP and OPP, OPP cannot be used.
  - PBAP (Phone Book Access Profile) Ver.1.0 or higher  
This is a profile to transfer phonebook data.
- If your cellular phone does not support HFP, you cannot register the Bluetooth® phone, and take OPP or PBAP service individually.
- You can use the microphone when talking on the phone.



## Notes

- The other party's voice outputs from the front speaker. When the received calls or received voice outputs, the audio from the audio system will be muted.
- Talk alternately with the other party on the phone. If you talk at the same time, your voices may not reach each other. (It is not a malfunction.)
- Keep the volume of receiving voice down. Otherwise, an echo will be heard and receiving voice can be heard outside of the vehicle. When you talk on the phone, speak clearly towards the microphone.
- In the following situations, your voice may not reach the other party.
  - Driving on an unpaved road. (Due to traffic noise.)
  - Driving at high speed.
  - A window is open.
  - The sound of the air-conditioning fan is loud.
  - There is an effect from the cellular phone network.

## 1 About the Phone book in the System

The following data is stored for every registered phone. When another phone is connecting, you cannot read the registered data.

- Phonebook data
- Call history data
- Speed dial data



## Note

When you delete the phone, the above mentioned data is also deleted.

## 2 When you Release Your car

A lot of personal data is registered when you use the Hands-free system. When you release your car, initialize your data.

You can initialize the following data in the system.

- Phonebook data
- Call history data
- Speed dial data
- Bluetooth® phone data
- Volume setting
- Details setting



## Note

If you initialize it, the former state will never come back again. Pay attention when initializing the data.

### 3 Phone Status Display



① Indicates the condition of the Bluetooth® connection.



Connect : Appear  
No connect : Disappear

② Indicates the amount of battery charge left.



- This is not displayed when the Bluetooth® phone is not connected.
- Depending on the type of Bluetooth® phone, remaining battery charge may not be displayed.
- The amount left may not always correspond to that of the Bluetooth® phone. This system does not have a charging function.

③ Indicates the receiving area.

“Rm” is displayed when receiving in Roaming area.

- The receiving area may not be displayed depending on the phone you have.

④ Indicates the level of reception.



- The level of reception does not always correspond with the one of your cellular phone.
- The level of reception may not be displayed depending on the phone you have.
- When you are out of the service area or in a place inaccessible by radio waves, “No Service” is displayed.

#### Notes

- An antenna for the Bluetooth® connection is built into the display.
- The condition of the Bluetooth® connection may not be good and the system may not function when you use the Bluetooth® phone in the following conditions.
  - Your Bluetooth® phone is hidden from the display (behind the seat or in the glove box or console box.)
  - Your Bluetooth® phone touches or is covered with metal materials.
- Leave the Bluetooth® phone in the place where the Bluetooth® sensitivity is good.

# Connect a Bluetooth® Phone

To use the Bluetooth® hands-free system, you need to register your phone into the system. Once you have registered it, you can make hands-free calls. If you have not yet registered any Bluetooth® phones, you must first register it according to the following procedure.

- Please see “Bluetooth® Settings” (→ Page 76) of additional registration when registering.



- (1) Touch **Phone** on the Menu Screen.
- (2) Touch “Bluetooth® Setting” icon



- (3) Touch [Add Device] to connect to Bluetooth® device.

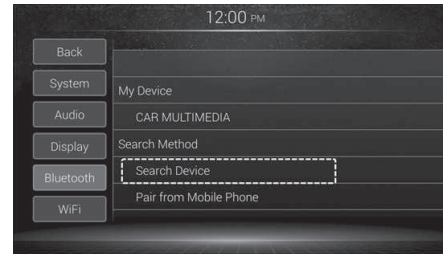
- The [Add Device] cannot be select during the driving. Please stop driving and turn the parking brake to ON.



- (4) Two registration methods are available:

- Searching for nearby Bluetooth devices.
- Pairing from your Bluetooth devices.

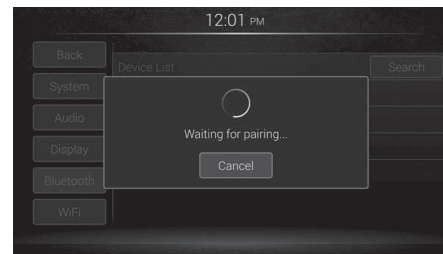
## ● Searching for nearby Bluetooth devices.

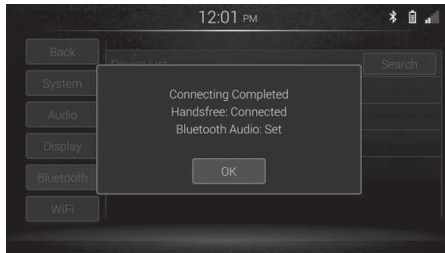


- (1) Activate the Bluetooth® wireless technology on your devices.
- (2) Touch [Add Device].
- (3) Touch [Search Device].  
The system searches for Bluetooth® devices waiting for connection and displays them in the list if a device is found.

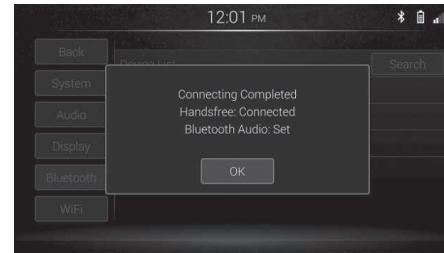


- (4) Touch the Bluetooth® device name you want to register. While connecting, “Waiting for pairing ...” is displayed.





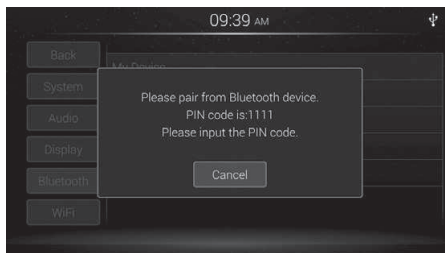
- (5) Touch **OK** to pair with the device. If “Connecting completed” is displayed, Touch **OK**.



### ● Pairing from your Bluetooth® devices.



- (1) Activate the Bluetooth® wireless technology on your devices.
- (2) Touch [Add Device].
- (3) Use the Bluetooth® setting in the device to pair this product with the device.



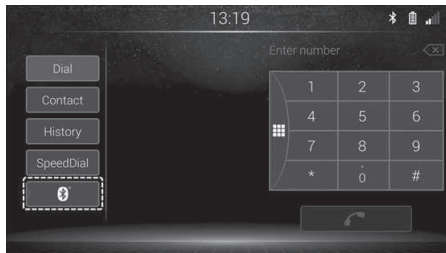
### Notes

- The system searches for available Bluetooth® devices near this product displays them in a list, and registers them for connection.
- This function is only available when the Bluetooth® function is turned on.
- Up to 30 devices will be listed in the order that the devices are found.
- If the device name cannot be obtained, only MAC address will be displayed.
- In the Bluetooth® device you want to connect this product with cannot be found, Check if the device is on standby for the Bluetooth® connection and if the device is visible on the Bluetooth® connection.
- Perform the procedure form step 1 again to the device.
- If your device support SSP (Secure Simple Pairing), a six-digit number appears On the display of this product. Touch **OK** on the screen of this product, and accept the painting request on the device to pair with the device.
- If “Pairing failed” is displayed, try again from the beginning.

## 1 Selecting and Adding a Bluetooth® devices.

If you have registered some Bluetooth® devices, you can change the device connected and add a new device.

### ● Selecting Bluetooth® devices.



(1) Touch **Phone** on the Menu Screen.

(2) Touch .

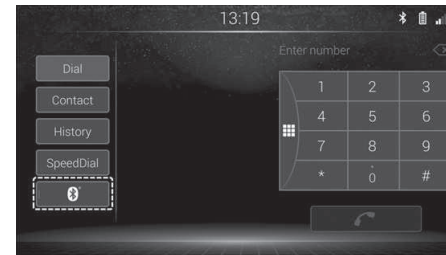


(3) Touch **Bluetooth®** Device that need to connect.



(4) Select Profile Function need to active and then **OK**.

### ● Addition Bluetooth® devices.



(1) Touch **Phone** on the Menu Screen.

(2) Touch .



(3) Touch **Bluetooth®** again for go to Add Device (➔ Page 76).



### Note

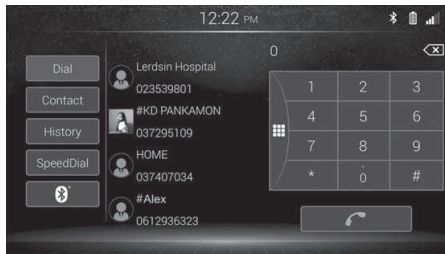
When you connect the phone while Bluetooth® audio is playing, the Bluetooth® audio will stop temporarily. It may take time, the phone connection is carried out during Bluetooth® audio play. The audio may be skipped.

# Call on the Bluetooth® Phone


After you register the Bluetooth® phone, you can call by using Bluetooth® hands-free system.

## 1 Making a call by entering a phone number (Dial)

You can call by inputting the telephone number.



(1) Touch the number keys to enter phone number. (0-9, \*, #, +).

- Up to 32 digits can be entered.
- If the phone numbers including the entered numbers exist in the contact list, the phone numbers are listed on the left side of the dial pad.
- For the first digit can entering “+” by touching “0” for a while.
- Touch  to delete the entered number.

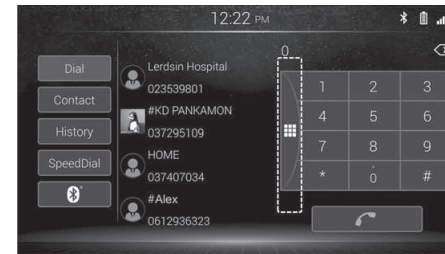


(2) Touch the phone number to call in the list if available, or touch the following key to start dialing.

## ● When the dial pad keys is not displayed.



(1) Touch the following key to display the dial pad keys and to hide the dial keys, touch the key again.

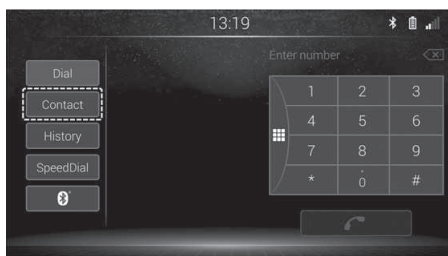


### Note

The law is clear on when you can use a hand-held device behind the wheel. It is only legal if you are safely parked and this does not include waiting in traffic or when stopped at a traffic light.

## 2 Calling a phone number in the contact list (Phonebook)


You can make a call using the phonebook data which is transferred from your cellular phone. The system has one phonebook for each phone. You can register up to 1000 contacts in each phonebook.

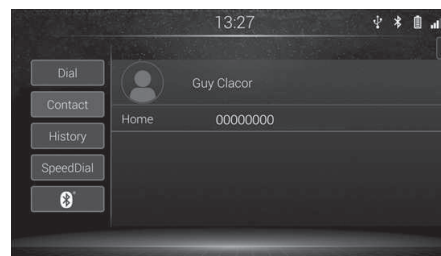


(1) Touch **Contact**.



(2) Touch the desired name in the list. The detailed phone number list of the selected entry is displayed.

- You can sort the contact entries by touching a letter on the sorting bar which is displayed on the right-hand side of the screen.
- If you select Which language for “Keyboard” in the “System” settings, you can switch the sorting bar between language as selected alphabet by touching .

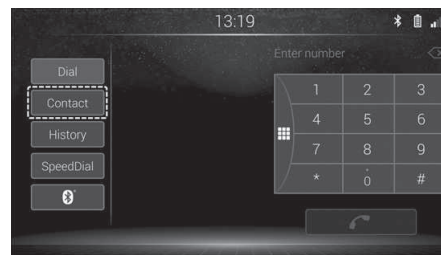


(3) Touch the contact need to dial. The dialing will start from you press phone number as contact selected.

- If you touch and hold a phone number in the list, the phone number can be registered to the speed dial list.

### ● Searching for a phone number by a key word.

You can search for a phone number registered in the contact list by key word of contact name.



(1) Touch **Contact**.

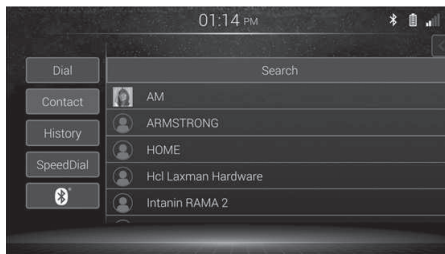


(2) Touch **Search** The keyboard appears and Enter a key word.





- (3) Start searching for phone numbers that include the entered keyword and The search result is displayed.



- (4) Touch the contact need to dial. The dialing will start from you press phone number as contact selected.

- If you touch and hold a phone number in the list, the phone number can be registered to the speed dial list.



#### Note

If “Auto Phonebook Transfer” is set to “On”, the contact list on the phone will be automatically transferred to this product when the phone is connected. If the contact list is not transferred automatically, use the phone menu to transfer the contact list. (➔ Page 40)

### 3 Dialing from the history

The most recent calls (dialed, received and missed) are listed in the call history. You can make a call by selecting a phone number from the call history list. (Up to 100 most recent calls are saved in the history.)



- (1) Touch **History**. Recent calls are listed in the descending order by date and time.

- You can sort the list by touching the call type keys displayed on the top of the screen.
- If the display of the call history is failed or is not completed, touch **Update** to display the history list.



- (2) Touch the contact need to dial. The dialing will start from you press phone number as contact selected.

- If you touch and hold a phone number in the list, the phone number can be registered to the speed dial list.

You can make a call using the recent calls which has 4 functions below.  
(Displayed the last 5 entry of each function.)

Tab	Name	Detail
All	All	Call that you missed, made and received
Missed	Missed	Calls that you missed
Outgoing	Outgoing	Calls that you made
Incoming	Incoming	Calls that you received

## 4 Dialing from the speed dial lists

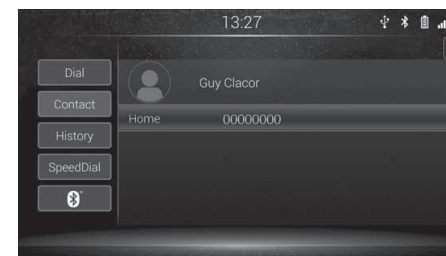
You can call using registered telephone calls which can be selected from a phonebook.

### ● Registering a phone number

You can register up to nine phone number to the speed dial list.



- (1) Display the phone number to register to the speed dial list on the Contact or History screen.



- (2) Touch and hold the phone number. The Add speed dial screen appears.



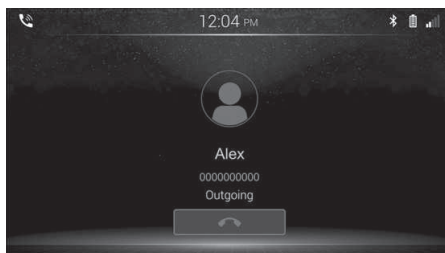
(3) Touch the key to register the phone number to.

- If a phone number has not been registered to the selected key, the phone number will be registered to the selected key.
- If a phone number has been registered to the selected key, the confirmation message appears. Touch **OK**.

### ● Dialing from the speed dial list



(1) Touch **Speed Dial**. The Speed dial screen appears.

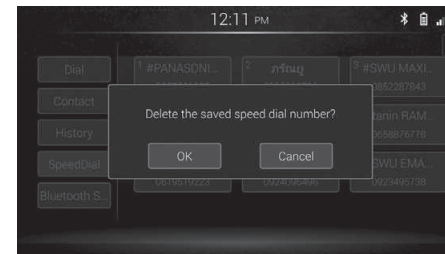


(2) Touch the phone number you want to dial. The dialing starts.

### ● Deleting phone numbers from the speed dial list



(1) Touch **Speed Dial**. The Speed dial screen appears.



(2) Touch and hold the phone number to be deleted from the speed dial list. The confirmation message appears then touch **OK**.

# Receive on the Bluetooth® Phone

When a call is received, this screen is displayed with a sound.



## To answer the Phone:

Touch .

## To refuse to receive the call:

Touch .



## To adjust the volume of received call:

Touch “+” or “-” buttons on display.  
On the screen will show Volume bar.

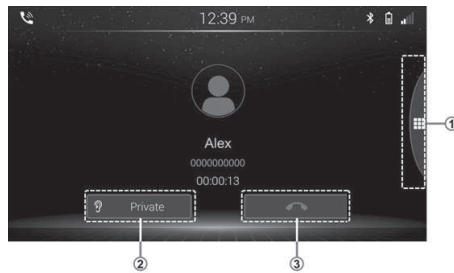


## Notes

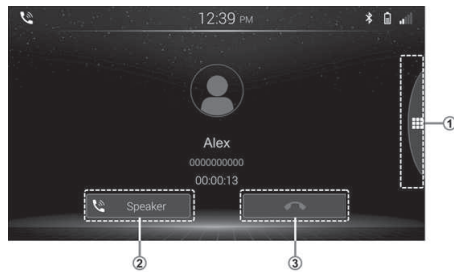
- On the international phone call, the other party's name may not be displayed correctly depending on the cellular phone which you have.
- If video from a mobile phone was being displayed, the display may remain the same.



# Talk on the Bluetooth® Phone

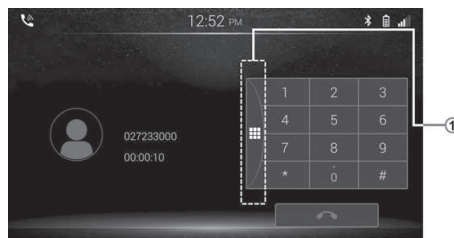
While you are talking on the phone, this screen is displayed. You can do the operation below on the screen.




- (1) To input the key.  
Touch the following key to display the dial pad keys and to hide the dial keys, touch the key again (0-9)



- (2) To transfer the call  
Touch  Private for change to private hand free or  
Touch  Speaker for change to speaker mode.



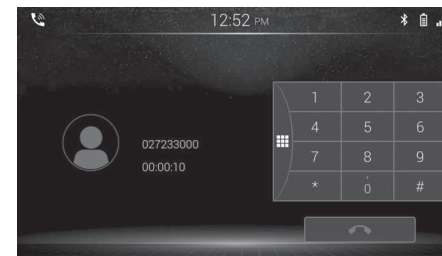
- (3) To hang up the phone:  
Touch .



## Notes

- When you change from smartphone call to Hands-free call, the Hands-free screen will be displayed and you can operate it on the screen.
- If video from a mobile phone was being displayed, the display may remain the same.

## ● When you touch “0-9”



- (1) Enter a number by touching the number keys.

## To hang up the phone:

Touch .



## Notes

- The continuous tone signal is the marked sign (p or w) and the number following phone number. (ex.056133w0123p#1\*)
- You can do this operation when you want to operate an answering machine or use a telephone service in bank for example. You can register the phone number and the code number in the phonebook.

## 1 Interrupt Call

When the call is interrupted by the third party while talking, this screen is displayed.

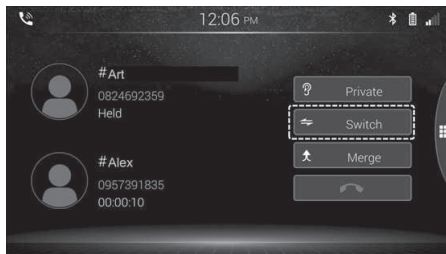


### To answer the Phone:


Touch .

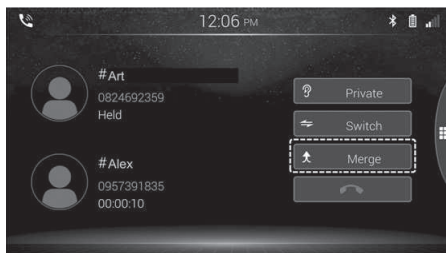
### To refuse to receive the call:

Touch .




### To switch to other party

Every time you touch  while interrupt call, the other party will be switched.



### To merge call to group call

Every time you touch  while interrupt call, the other party will be merge to group call.




### Notes

- Interrupt call operation may differ depending on your phone company and cellular phone.
- Interrupt call is unavailable depending on the contract detail with the phone company.

# Miracast

Miracast function allow the Android smartphone to streaming content (video, music and etc.) from smartphone to this device over Wi-Fi. Miracast may be called Screen Mirroring, Smart View, All Share Cast, etc., depending on the smartphone manufacturer.



**Caution**

- Do not connect a smartphone or operate the device controls while driving.
- Do not leave the smartphone in the car. In particular, high temperatures inside the vehicle may damage the smartphone.

## 1 Establishing a connection with the Miracast device

### ● Connecting the Miracast device



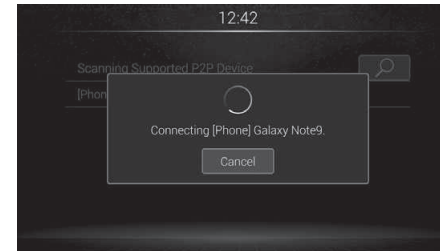
(1) Touch **Menu** on the Home screen.

(2) Touch **Miracast** on the menu screen.

- For details, refer to Displaying the Wi-Fi Settings screen on (➔ Page 80).
- The default device name of this product is “CAR MULTIMEDIA”.

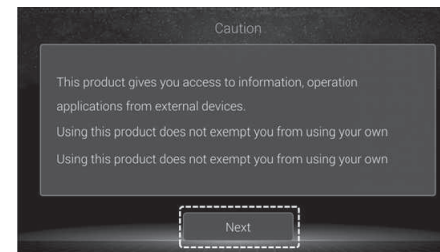
(3) Select Connecting style

- **HU to MD** is Car audio connect to Miracast-compatible device.
- **MD to HU** is Miracast-compatible device connect to Car audio.

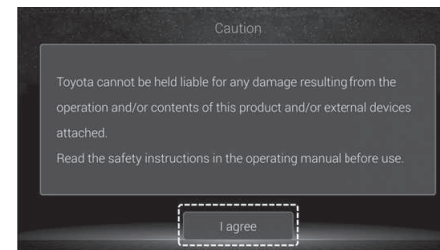


(4) Touch **OK** on the connection invitation screen.

- The connecting process starts. If the connection with the Miracast-compatible device is established, a caution message appears.



(5) Read the terms carefully, checking the details, and then touch **Next** and **I agree** if you agree to the conditions.



- The screen of the connected device is displayed on the screen of this product.
- If the connected mobile device supports UIBC (User input Back Channel), touch panel operations such as zooming in and out, rotating, and dragging may be available.



### Notes

- For safety while driving, the screen is prohibited (only sound remain).
- Some content cannot be displayed due to content protection policy. When this happen, blank screen will be displayed.

# Bluetooth® Setting

If your devices feature Bluetooth® technology, this product can be connected to your Devices wirelessly.

## Preparing communication devices

This product has a built-in function that enables using devices featuring Bluetooth wireless technology. You can register and use devices that feature the following profiles with this product.

- HFP (Hands-Free Profile)
- A2DP (Advanced Audio Distribution profile)
- PBAP (Phone Book Access profile)
- AVRCP (Audio/video Remote Control Profile)
- SPP (Serial Port Profile)

## 1 Setting the Bluetooth® function



- (1) Slide the Setting key for **Bluetooth** in Bluetooth Setting screen to the desired position (On/Off).

- The default setting is “On”.

## 2 Registering your Bluetooth® device

You need to register your devices featuring Bluetooth wireless technology when You connect it to this product for the first time. A total of five devices can be registered. two registration methods are available:



- (1) Touch [Add Device] to connect to Bluetooth® device.

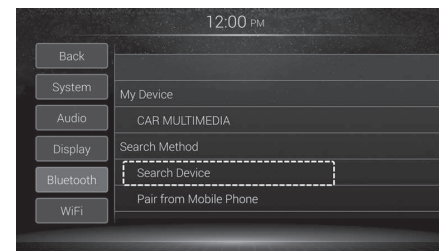
- The [Add Device] cannot be select during the driving. Please stop driving and turn the parking brake to ON.



- (2) Two registration methods are available:

- Searching for nearby Bluetooth devices.
- Pairing from your Bluetooth devices.

### ● Searching for nearby Bluetooth devices.



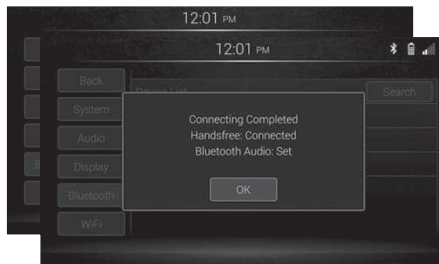
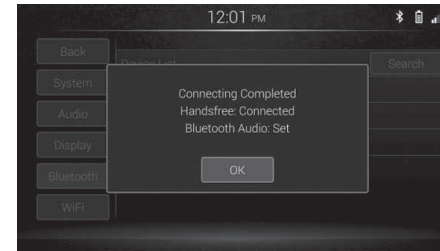
- (1) Activate the Bluetooth® wireless technology on your devices.
- (2) Touch [Add Device].
- (3) Touch [Search Device]. The system searches for Bluetooth® devices waiting for connection and displays them in the list if a device is found.





(4) Touch the Bluetooth® device name you want to register. While connecting, “Waiting for pairing ...” is displayed.

(5) Touch **OK** to pair with the device. If “Connecting completed” is displayed, Touch **OK**.



### ● Pairing from your Bluetooth® devices.



(1) Activate the Bluetooth® wireless technology on your devices.

(2) Touch [Add Device].

(3) Use the Bluetooth® setting in the device to pair this product with the device.

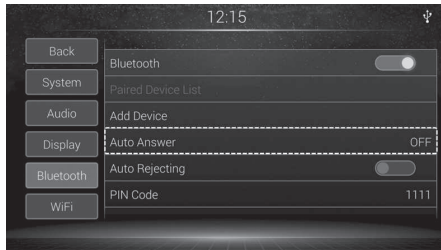


### Notes

- The system searches for available Bluetooth® devices near this product displays them in a list, and registers them for connection.
- This function is only available when the Bluetooth® function is turned on.
- Up to 30 devices will be listed in the order that the devices are found.
- If the device name cannot be obtained, only MAC address will be displayed.
- In the Bluetooth® device you want to connect this product with cannot be found, Check if the device is on standby for the Bluetooth® connection and if the device is visible on the Bluetooth® connection.
- Perform the procedure form step 1 again to the device.
- If your device support SSP (Secure Simple Pairing), a six-digit number appears On the display of this product. Touch **OK** on the screen of this product, and accept the painting request on the device to pair with the device.
- If “Pairing failed” is displayed, try again from the beginning.

### 3 Auto Answer

If this function is turned on, this product automatically answer all incoming calls.



- (1) Touch [Auto Answer].
- (2) Touch the item you want to set.
  - OFF (Default): Disables the auto answer function.
  - 2s: Answers an incoming call in two seconds after this product receives the incoming call.
  - 5s: Answer an incoming call in five seconds after this product receives the incoming call.



#### Note

- This function is not applied to the incoming call received during a call.

### 4 Auto reject

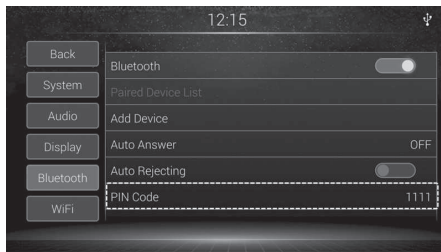
If this function is turned on, this product automatically reject all incoming calls.



- (1) Slide the setting key for [Auto Rejecting] to the desired position (On/Off).
  - The default setting is "Off".

## 5 Changing the PIN code for Bluetooth wireless connection


To connect your Bluetooth device to this product via Bluetooth wireless technology, you need to enter a PIN code on your Bluetooth device to verify the connection. The default code is “1111”, but you can change it with this function.



(1) Touch [PIN Code].



(2) Touch [0] to [9] to input pin code (up to 4 digits).

- Touch the following  key to delete the entered digits.
- Deletes one digit with a single touch of the key.

(3) Touch **OK**.

## 6 System Restart Connection

If this function for when you have more than one device and reconnect again when engine start user can select the condition for finding Bluetooth Device by following Last Device – Finding for reconnect automatically by Last device only.

All Device – Finding for reconnect All device has been registered car audio and if any Device ready to connect car audio will automatically reconnect.



(1) Touch [System Restart Connection].



(2) User can selection between Last device and All device.

# WiFi Setting

Wi-Fi settings are only available when the vehicle is stopped. There are various Wi-Fi wireless networking methods available on this product. Select the suitable way for your equipment, installed apps and what you want to do using Wi-Fi connection. This product supports the 802.11b/g/n standards.

## 1 Setting the Wi-Fi function



- (1) Slide the Setting key for **Wi-Fi** in Wi-Fi Setting screen to the desired position (On/Off).

- The default setting is “On”.

- **Wi-Fi station mode**

Connects this product to the network via an access point (wireless mobile router, etc.). If the access point is connectable to the Internet, you can access the Internet from this product.

- **Wi-Fi P2P station mode**

Connects a mobile device directly to this product using the Miracast function (Wi-Fi Direct).

## 2 Using the Wi-Fi station mode

This product can wirelessly connect to the network via an access point (wireless router etc.) by turning on the Wi-Fi function on this product (station mode).



- (1) Display the Wi-Fi Settings screen.
- (2) Touch [Wi-Fi] to turn the function on. Surrounding available access points are searched for, and any access points found are listed. The points with the signal strength icon are currently connectable.
  - The default setting is “On”.
  - For details on the network connections and required settings, refer to the documentation for the access point or the wireless router.

## ● Connecting to an access point from the list

You can select an access point to connect to from the access point list.

- This function is available when the radio button for [Wi-Fi] is selected.
- The access point list is updated in short intervals.



(1) Touch [Wi-Fi]. The access point list appears.

- If multiple access points are found, you can flick or drag to view the rest of the list.
- Currently available access points are displayed with the signal strength icon.

Icons	Status	Meaning
	-	Indicates the signal strength of the access point and that this access point is currently available.
	Secured	Indicates that access is secured. Password entry is required for connection.
-	Open	Indicates that access is not secured Password entry is not required for connection.
-	Saved	Indicates an access point that you have connected to in the past and whose password is saved in this product.
-	Connected	Indicates that this product is currently connected to this access point.



(2) Touch the access point to connect to.

- If the password entry screen appears, touch the text box and enter the password. Check the entered password by selecting the check box for “Password Visible” as necessary.
- If you select the access point whose password has been saved in this product, the SSID (Service Set Identifier) screen of the access point appears.
- Touching [Other] allows you to manually specify an access point to connect to.
- Touching [WPS] allows you to use the WPS connection setup.



(3) Touch [Connect]

- The system attempts to establish a connection and the bullet mark on the access point item will start flashing.
- When a connection is established, the bullet mark changes to a check mark and “Connected” is displayed.
- Once a connection is established for a secured access point, the entered password will be saved.
- Touching [Forget] allows you to delete the item from the access point list.

● **Specifying an access point to connect manually**

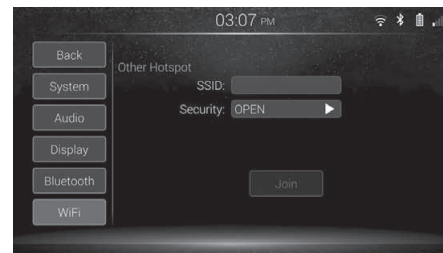
You can search for and connect to an access point that you already know or that does not broadcast its network name.



- (1) Touch [WiFi]. The access point list appears.



- (2) Swipe up the access point list to display “Other”, and then touch [Other]. The “Other Hotspot” screen appears. Enter the SSID of the access point you want to connect to.





(3) Touch the setting for [Security]. The setting items appear and select the appropriate security type.

- Open (Default): Does not use a security protocol.
- WEP: Uses WEP for the security protocol.
- WPA/WPA2 mixed: Uses WPA/WPA2 for the security protocol.
- WPA2 only: Uses WPA2 for the security protocol.

(4) Touch [Join].

- The system attempts to establish a connection and the bullet mark on the access point item will start flashing. When a connection is established, the bullet mark changes to a check mark and “Connected” is displayed.
- Once a connection is established for a secured access point. The entered password will be saved.



### Notes

- If [OPEN] is selected, the password setting procedure is unnecessary.
- If [WEP, WPA/WPA2, WPA2 Only] selected touch the text box for [Password]. The keyboard appear

### ● Connecting to an access point using WPS

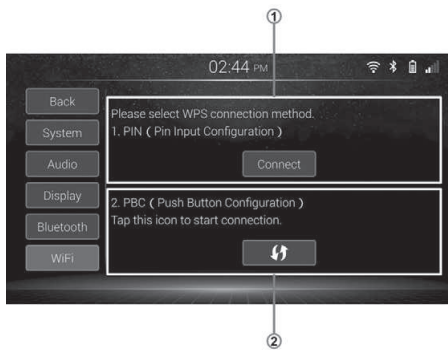
You can connect this product to an access point using WPS (Wi-Fi Protected Setup). This function is available when the button for [Wi-Fi] is selected.



(1) Touch [Wi-Fi]. The access point list appears.



(2) Touch **WPS**.



(3) Touch the key for the desired connection method.

- ① PIN code configuration method PIN code is generated by touching **Connect** and then the system waits for setup from the access point. To start the connection, enter the displayed PIN code for the access point.
- ② Push Button Configuration (PBC) method The system waits for setup from the access point by touching **[Push button]**. To start the connection, push the WPS-PBC button of the access point to start the setup.

### 3 Using the Wi-Fi P2P station mode

Connects a mobile device directly to this product using the Miracast function (Wi-Fi Direct).



- (1) Display the Wi-Fi Settings screen.
- (2) Touch [Wi-Fi P2P] to turn the function on.
  - The default setting is "On".