Pioneer

AVIC-S1

Hardware and Bluetooth Manual

R00

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Notice

- Before using this product, read “Important Information for the User” (a separate manual) which contains warnings, cautions, and other important information that you have to follow.
- This manual provides hardware and Bluetooth® information. For information on the GPS navigation software, see the “Operation Manual.”

1 Getting Started

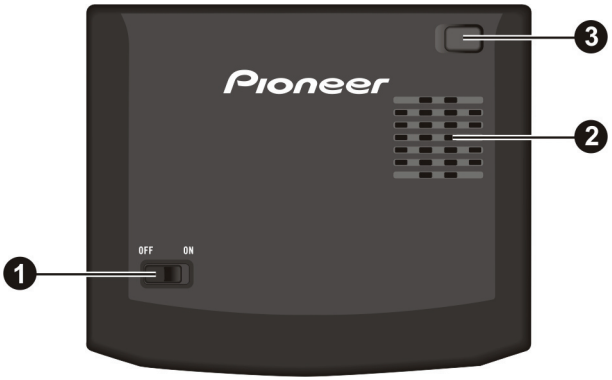
1.1 Understanding Hardware Features

Front Components

Ref	Component	Description
❶	**Bluetooth Indicator**	Flashes in blue to indicate that Bluetooth is on. The Bluetooth is always on when your device is turned on.
❷	**Power Indicator**	Glows bright amber to indicate that the battery is charging, and turns green when the battery is fully charged.
❸	**Map Button**	Opens the Map screen.

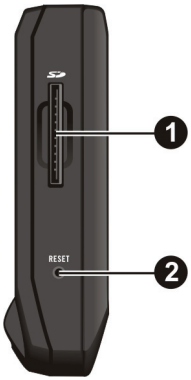
❹	**Scroll Wheel**	**In a list or in Phone Menu:** Scrolls through the list or Bluetooth menu buttons by rotating the wheel. Selects the highlighted item by pressing in the wheel.
		In the Map screen: Adjusts the volume by rotating the wheel. Opens the **Address Book** by pressing in the wheel.
❺	**Menu Button**	Opens the **Destination Menu** by pressing briefly.
		Opens the **Phone Menu** by pressing for 2 seconds.
❻	**Touch Screen**	Displays the output of your device. Touch the screen with your fingertip to select menu commands or enter information.

Back Components



Ref	Component	Description
❶	**ON/OFF Switch**	The main power/battery cutoff switch.
❷	**Speaker**	For voice prompts, system operation tone, and hands free dial voice.
❸	**External GPS Antenna**-	This connector (under rubber dust cover) allows use of an external GPS antenna (not available through Pioneer), which may be positioned on top of the car for better signal reception in areas with poor reception. Contact Pioneer Support for recommendations on available third party products.

Right-Side Components

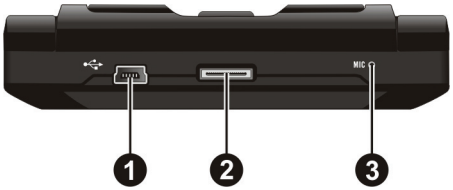


Ref	Component	Description
❶	**SD Slot**	Accepts an SD (Secure Digital) card for future map and software upgrades.
❷	**Reset Button**	Restarts your device (soft reset).

Top Components

Ref	Component	Description
❶	**Power Button**	Turns the device on and off by pressing for at least 2 seconds.

Bottom Components

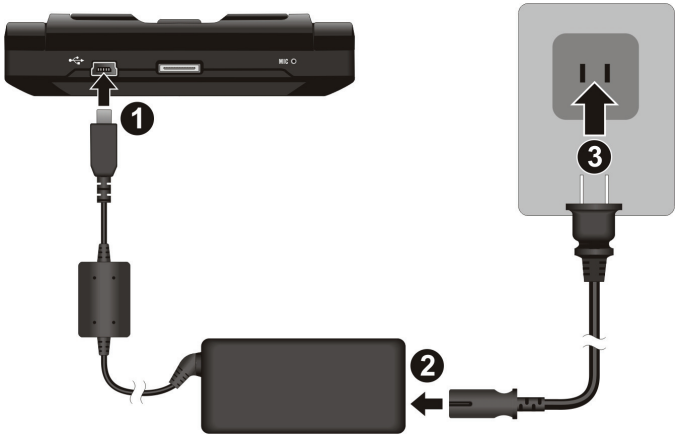


Ref	Component	Description
❶	**Mini-USB Connector**	Connects to the AC adapter or USB cable.
❷	**Car Kit Connector**	Connects to the optional TMC Kit (ND-TMC1) for receiving TMC (Traffic Message Channel) information **NOTE:** ND-TMC1 is available for European models only. Follow the instructions supplied with ND-TMC1 for operation.
❸	**Microphone**	For Bluetooth hands-free calling.

1.2 Connecting to AC Power and Charging the Battery

You are recommended to fully charge your device before using it for the very first time.

1. Connect the AC adapter cable to the mini-USB connector on your device.
2. Connect one end of the power cable to the AC adapter and the other end to a wall outlet.



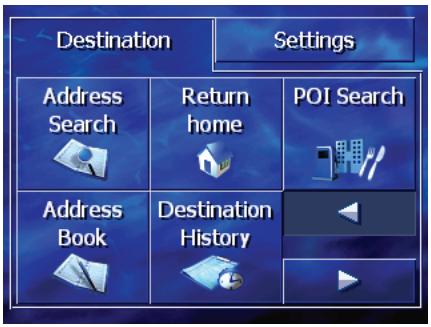
The power indicator glows amber when charging is in progress. Do not disconnect your device from AC power until the battery is fully charged. The power indicator will turn green. This will take a couple of hours.

> **CAUTION:** For optimal performance of the lithium battery, take note of the following:
> - Do not charge the battery where the temperature is high (e.g. in direct sunlight).
> - There is no need to fully discharge the battery before charging. You can charge the battery before it is discharged.
> - If you will not use the product for a long period of time, be sure to fully charge the battery at least once every two weeks. Over discharge of the battery can affect the charging performance.

1.3 Performing the Initial Startup

1. Slide the ON/OFF switch to the ON position.

2. Your device turns on and prompts you to select the language. Select the desired language and tap **OK**. Your device restarts and guides you through the rest of the initial startup settings.
3. When the warning screen appears, read the entire warning and tap **OK** if you agree.
4. The **Destination Menu** appears.



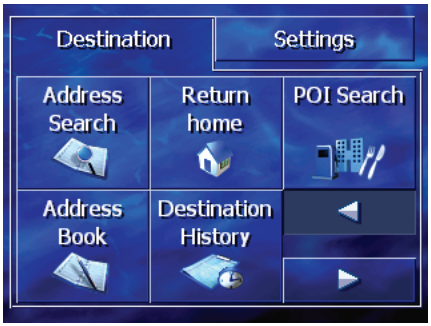
1.4 Turning Your Device On and Off

Press and hold the power button for at least 2 seconds to turn on and off your device.

When you press the power button to turn off the unit, your device actually enters into a suspend state and the system stops operating. Once you turn on the system again, it resumes from the same guidance or menu screen you left off at.

1.5 Destination Menu

The **Destination Menu** is your starting place for various tasks. Tap a button to start a task or open another menu. (For information on the GPS navigation software, see the "Operation Manual." For information on the **Phone Menu**, see the next chapter.)



You can access the **Destination Menu** at any time by pressing the **MENU** button on your device.

1.6 Navigating on the Screen

To navigate and select objects on the screen, simply use your finger and touch the screen. The following are possible via touch screen:

- **Tap**
  Touch the screen once with your finger to open items or select options.
- **Drag**
  Hold your finger on the screen and drag up/down/left/right or across the screen.
- **Tap and hold**
  Tap and hold your finger until an action is complete, or a result or menu is shown.

1.7 Using a SD Card

> **NOTE:** Make sure that no foreign objects enter the slot.

Your device has a SD slot where you can insert an Secure Digital storage card for future software and application upgrades sold by Pioneer. To use a SD card, insert it into the slot, with the connector pointing to the slot and its label facing the front of the device.

To remove a card, first make sure that no application is accessing the card, and then slightly push the top edge of the card to release it and then pull it out of the slot.

2 Bluetooth HF Phone

2.1 About Bluetooth HF Phone

Your device can serve as a hands-free (HF) device for a Bluetooth mobile phone. After establishing the Bluetooth connection, you can tap your device to place and receive phone calls instead of picking up the mobile phone, and can use the built-in speakers and microphone for your conversation.

2.2 Connecting a Bluetooth Mobile Phone

To connect with a Bluetooth mobile phone for the first time:

1. Initiate the Bluetooth searching process on your mobile phone. You should see “Pioneer AVIC-S1” in the device list after searching is completed.
2. Select “Pioneer AVIC-S1” to create the connection. Use the **0000** default passkey to connect.
3. Your AVIC-S1 can now serve as a hands-free device for your mobile phone.

2.3 Starting Bluetooth Mobile Phone

1. Press and hold the **MENU** button on your device for at least 2 seconds.
   - or -
   Tap **Settings** on the **Destination Menu.** Tap twice and then tap **Phone Menu**.

2. The **Bluetooth HF Phone** main screen appears. The status bar at the bottom shows the name of the mobile phone connected.

2.4 Placing a Call

After pairing with your mobile phone, you can place a call using any of the four buttons (

Keypad,

Contact,

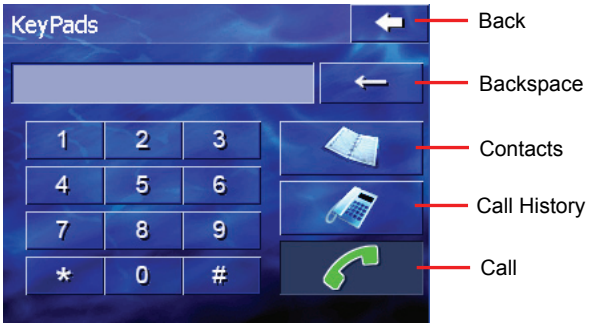
Call History, and

Redial) on the **Bluetooth HF Phone** main screen.

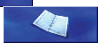
Keypad

By tapping the

Keypad button on the **Bluetooth HF Phone** main screen, you can enter the telephone number with the onscreen keypad. After entering the telephone number, tap to place the call.



NOTE:

- To delete the last digit entered, tap the **Backspace** button.
- The other two buttons allow you to switch to  **Contacts** and **Call History** screens.

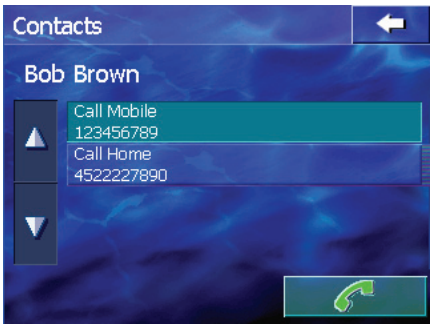
Contacts

You can transfer contact data of your Bluetooth devices via OPP (Object Push Profile). As long as you have sent such information to your device, the information is available in **Bluetooth HP Phone**.

To call a contact, tap the

Contact button on the **Bluetooth HF Phone** main screen.

Tap the desired contact and the phone number list appears. Tap the phone number to call and tap to call the selected phone number.

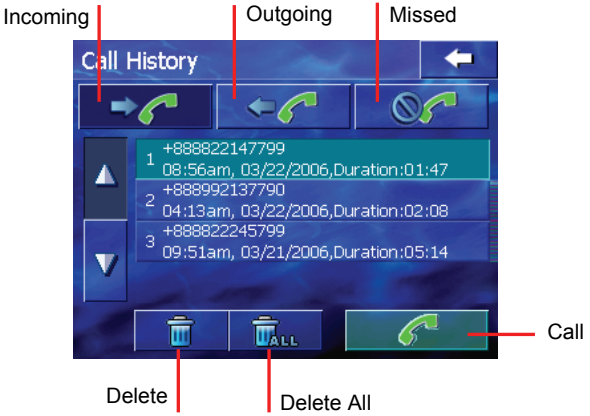


Call History

> **NOTE: Bluetooth HF Phone** cannot access the call history stored in a connected mobile phone.

Tap the

Call History button on the **Bluetooth HF Phone** main screen to display the recent incoming, outgoing, or missed calls together with information such as date, time, and duration of each call.



Tap the respective button (**Incoming**, **Outgoing**, or **Missed**) to view the last 20 calls of the selected type.

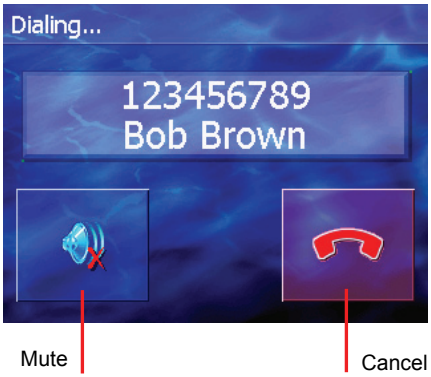
With an item selected, you can tap the button to dial the number or the button to delete the item**.**

To clear all items in the current list, tap the button.

Redial

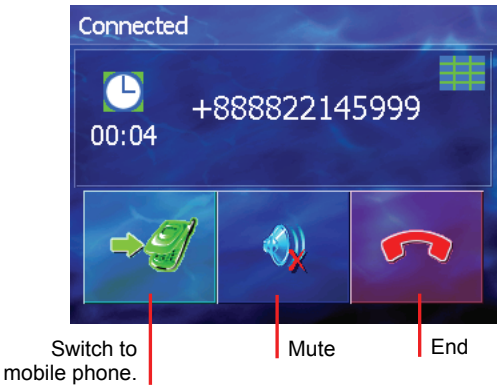
Tap the **Redial**

button on the **Bluetooth HF Phone** main screen to dial the last number you called or received.



2.5 Operations During a Call

During a call, four functions are available:



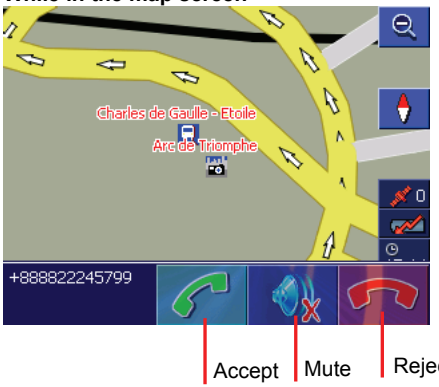
- If you need to input other numbers, such as an extension number, tap to open the keypad and tap the digits. The keypad will close when you tap the button again or when there has been no input for 5 seconds.

- Tap the **Mute** button to mute your sound so that the other party cannot hear you. To end the mute mode, tap the same button again.
- Tap the **Ignore** button to end the call.
- Tap the **Transfer** button to switch the call to your mobile phone. To switch back to your device, tap the same button again.

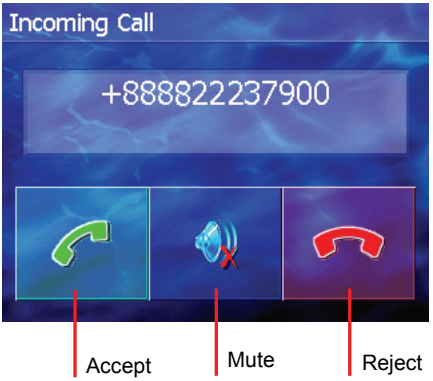
2.6 Receiving a Call

When you have a call after pairing with a mobile phone, the device rings and displays the **Incoming Call** screen.

While in the map screen



While in the Bluetooth HF Phone screen



To accept the call, tap the **Answer** button.

To reject the call, tap the **Ignore** button.

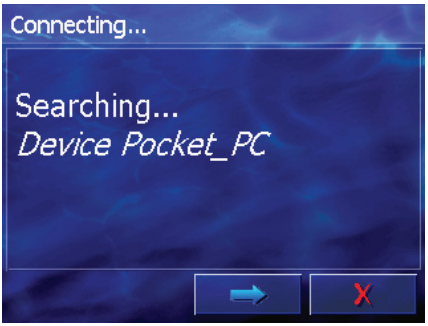
To mute the ring tone before receiving or rejecting, tap the **Mute** button.

2.7 Connecting to a Paired Phone

Once you have established a Bluetooth connection with a mobile phone, it will be stored in your device. You can initiate the connection from your device.

1. Start **Bluetooth HF Phone** as described in section 2.2
2. Tap the

Connect button on the **Bluetooth HF Phone** main screen. Your device will search the last paired mobile phones for an available connection.

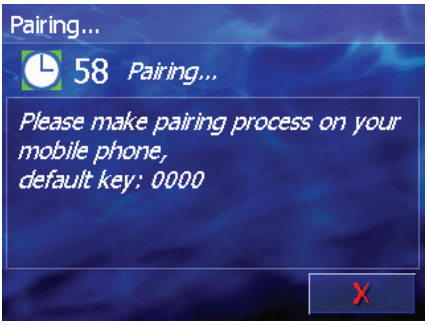


NOTE:
- Make sure that the mobile phone is in "discoverable" mode.
- Up to 8 sets of paired mobile phones can be stored. A 9th paired mobile phone will replace the oldest one.

2.8 Initiating Pair Mode

By tapping the

Pair Mode button on the **Bluetooth HF Phone** main screen, you can manually set your device to **Pair Mode**. Within the duration of 60 seconds, you can initiate the pairing process on your mobile phone to discover your device as a hands-free device.



2.9 Closing Bluetooth HF Phone

To hide the **Bluetooth HF Phone** screen, tap the button on the **Bluetooth HF Phone** main screen. **Bluetooth HF Phone** is still running in the background.

2.10 Ending the Bluetooth Connection

When you turn off your device, the connection is ended. You can also end the connection from your mobile phone.

3 Troubleshooting and Maintenance

This chapter gives solutions to common problems you may encounter. It also provides guidelines on how to take care of your device.

> **NOTE:** If you encounter a problem you cannot solve, contact an authorized service center for assistance.

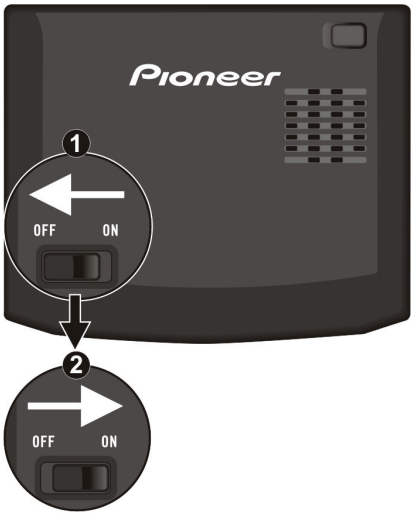
3.1 Resetting Your System

Occasionally, you may need to reset your device. For example, you should reset your system when it stops responding; or appears to be "frozen" or "locked up."

Use the stylus pen to press the reset button on your device. This is called a "soft reset."

If your device still does not respond after a soft reset, you can use the following steps to perform a "hard reset."

1. Disconnect all cables, including the AC adapter, from your device.
2. Slide the ON/OFF switch to the OFF position.
3. Wait for 1 minute and then slide the switch back to the ON position.



4. Your device turns on.

3.2 Troubleshooting

Power Problems

Power does not turn on when using battery power

- The remaining battery power may be too low to run your device. Connect the AC adapter to your device and then to AC power. Then, turn on your device.

Screen Problems

Screen is off

If the screen does not respond even after you press the power button, try the following in order until the problem is solved:

- Connect the AC adapter to your device and to external AC power.
- Reset your system.

Screen responds slowly

- Make sure that your device is not running out of battery power. If the problem still exists, reset your system.

Screen freezes

- Reset your system.

Screen is hard to read

- Make sure that the backlight of the display is on and if necessary adjust the brightness. On the **Destination Menu**, tap **Settings → Hardware → Brightness**.

Connection Problems

Cable Connection Problems

- Make sure that your device and your computer are both turned on before trying to establish a connection.
- Make sure that the cable is securely plugged into the USB port on your computer and on the device. Connect the USB cable directly to your computer—do not run the cable through a USB hub.
- Reset your device before connecting the cable. Always disconnect your device before you restart your computer.

GPS Problems

When there are no valid signals available, consider the following:

- Make sure that the device is facing a clear view of the sky.
- Note that the GPS reception can be affected by:
  - ✓ Bad weather
  - ✓ Dense overhead obstacles (e.g. trees and tall buildings)
  - ✓ Other wireless device in the car
  - ✓ Reflective car window tint and heated screens.

3.3 Maintaining Your Device

Taking good care of your device will ensure trouble-free operation and reduce the risk of damage to your device.

- Keep your device away from excessive moisture and extreme temperatures.
- Avoid exposing your device to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not place anything on top of your device or drop objects on your device.
- Do not drop your device or subject it to severe shock.
- Do not subject your device to sudden and severe temperature changes. This could cause moisture and condensation build up inside the unit, which could damage your device. In the event of moisture or condensation, allow the device to dry out completely before use.
- Do not place heavy objects on top of this device. Use the provided Carrying Case when transporting the unit outside of the vehicle.
- The screen surface can easily be scratched. Avoid touching it with sharp objects. Non-adhesive generic screen protectors designed specifically for use on portable devices with LCD panels may be used to help protect the screen from minor scratches.
- Never clean your device with it powered on. Use a soft, lint-free cloth moistened with water to wipe the screen and the exterior of your device.
- Do not use paper towels to clean the screen.
- Never attempt to disassemble, repair or make any modifications to your device. Disassembly, modification or any attempt at repair could cause damage to your device and even bodily injury or property damage and will void any warranty.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as your device, its parts or accessories.