



**QUICK START GUIDE & Installation Manual**

# NX302A

**MULTIMEDIA STATION WITH BUILT-IN NAVIGATION & 6.2"  
TOUCH PANEL CONTROL**

## Contents

This guide is intended to guide you through the basic functions of the unit.

<b>Precautions</b> .....	<b>2</b>
<b>Operational Panel</b> .....	<b>3</b>
<b>Turning the Power On</b> .....	<b>3</b>
<b>Selecting a Source</b> .....	<b>3</b>
<b>Source Media Modes</b> .....	<b>4</b>
MP3/WMA Playback .....	4
USB Video Operations .....	4
iPod® Audio Playback .....	4
iPod video playback .....	4
Radio mode .....	5
<b>Bluetooth Operations</b> .....	<b>5</b>
Pairing .....	5
Bluetooth Telephone menu .....	5
Making a call .....	5
Bluetooth Audio Playback .....	5
<b>Start using Clarion Mobile Map</b> .....	<b>6</b>
Selecting the destination of a route .....	6
Map screen .....	6
Quick menu .....	6
<b>Installation Guide</b> .....	<b>7</b>
Before Starting .....	7
Package Contents .....	7
Cautions On Installation .....	7
Installing The Main Unit .....	7
Cautions On Wiring .....	8
Installing The GPS Antenna .....	8
Wire Connection .....	9

### Notes

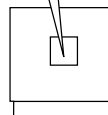
- For details of functions and operation of this product, refer to "Owner's manual".
- The screens shown in the examples may differ from actual screens. Actual screens may be changed without notice for performance and function improvements.

## Precautions

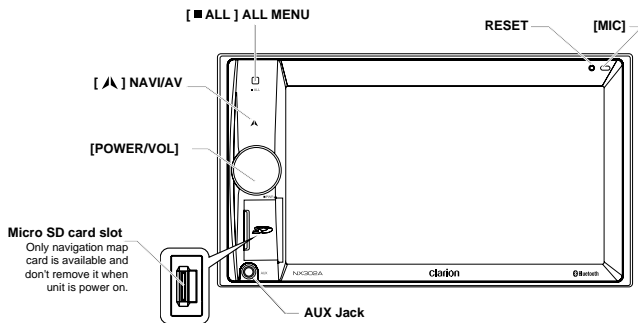
### ⚠ WARNING

For your safety, the driver should not operate the controls while driving. Also, while driving, keep the volume to a level at which external sounds can be heard.

1. This unit uses precision parts and components for its operation. In the event that trouble arises, never open the case, disassemble the unit, or lubricate the rotating parts. Contact your **Clarion** dealer or service center.
2. "Made for iPod," and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards.  
Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.  
iPhone, iPod and iTunes are trademarks of Apple Inc., registered in the U.S. and other countries.
3. The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Clarion Co., Ltd. is under license.
4. For your safety, the driver should not watch any video sources and/or operate the controls while driving. This includes the use of Reversing Cameras while travelling in a forward direction which is prohibited according to Australian Road Laws.  
Clarion strongly recommends that when installing a Reverse Camera to this product, the camera's power source be derived from the vehicles reversing lamp circuit either directly (if suitable) or via a relay.  
This will ensure that the Rear View Camera can only be viewed while the vehicle is travelling in a reverse direction.



## Operational Panel



## Names of Buttons

### [POWER/VOL] Knob

- Press to power on the system when ignition on.
- When power on, short press to mute the volume.
- Rotate the knob to increase or decrease the volume.
- Press and hold this key more than 1 second to turn off the system.

### [ ■ ALL ] ALL MENU Button

- Short press to show/exit shortcut menu.
- Long press to show/exit main source menu.

### [ 八 ] NAVI/AV Button

- Press to enter navigation mode;
- Press again to return current source.

### [ MIC ] Hole

- Internal microphone

### [RESET] Button

- Press to load original settings.

*Note: When the [RESET] button is pressed, frequencies of radio stations, titles, etc. stored in memory are cleared.*

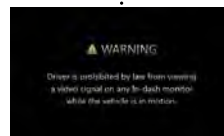
## Turning the Power On



Start the engine. The power is supplied to this unit.



Press **[POWER/VOL]** button on the panel to turn on the unit.



## Selecting a Source

Long press [ ■ ALL ] button on the PANEL to show main source menu.

Touch [ - ] on the bottom of screen to show sources.

Change page by dragging left or right or touching other [ - ] buttons.

Touch the icons on the screen to enter corresponding work mode, such as Disc mode, Tuner mode, Telephone mode, etc.

## Source Media Modes

When you select the desired source mode (for example, the Tuner, USB or iPod mode), the following screen will appear.  
During playback, touch the bottom half of screen to show operation bar.

### MP3/WMA Playback

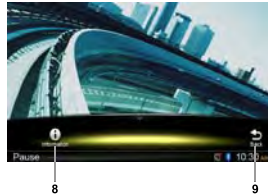
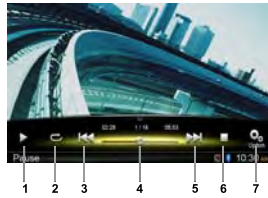
1. Show folder/file list (Browse)
2. Folder/Title/Artist/Album information
3. Play/Pause
4. Repeat play
5. Previous track
6. Fast reverse (long press)
7. Progress bar
8. Next track
9. Fast forward (long press)
10. Random play
11. Show other options



- While voice guidance is in, USB video playback is interrupted.

### USB Video Operations

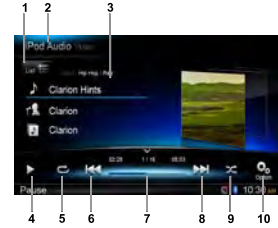
1. Play/Pause
2. Repeat play
3. Previous file
4. Fast reverse (long press)
5. Progress bar
6. Next file
7. Fast forward (long press)
8. Show playback information
9. Back to main operation bar



## Source Media Modes

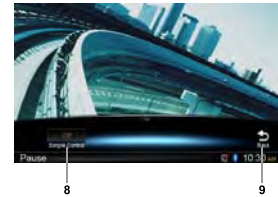
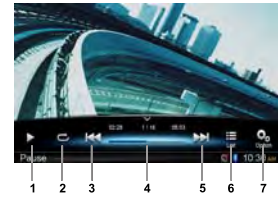
### iPod® Audio Playback

1. Show file list (Browse)
2. Switch between iPod Audio and Video
3. Song/Artist/Album information
4. Play/Pause
5. Repeat play
6. Previous track
7. Progress bar
8. Next track
9. Fast reverse (long press)
10. Fast forward (long press)
11. Random play
12. Show other options
13. Turn on / off Simple Control
14. Select Audiobook play speed
15. Back to main operation bar



### iPod video playback

1. Play/Pause
2. Repeat play
3. Previous file
4. Fast reverse (long press)
5. Progress bar
6. Next file
7. Fast forward (long press)
8. Show iPod list menu
9. Show other options
10. Turn on / off Simple Control
11. Back to main operation bar



## Source Media Modes


### Radio mode

1. Band switch
  2. Information area
  3. Preset station number
  4. Current station frequency
  5. Show preset stations list
  6. Scan preset stations
  7. Manual tune backward  
Auto tune backward (long press)
  8. Frequency bar
  9. Manual tune forward  
Auto tune forward (long press)
  10. Show other options
11. Choose local or distant seeking mode
  12. Store stations automatically
  13. Back to main operation bar



## Bluetooth Operations

### Pairing




1. Touch **[Custom]** on the bottom left of the main menu, then select **[Settings]** to enter Setting menu.
2. Touch **[Setup]**, then touch the button to the right of "Bluetooth" to show Bluetooth setting menu.
3. Select **[On]** to the right of "Bluetooth".
4. Turn on Bluetooth function of your mobile phone.
5. Enter mobile phone's Bluetooth setup menu.
6. Search for new Bluetooth devices.
7. Select **NX302A** from the pairing list on the mobile phone.
8. Enter the password. (Default password: "0000")
9. After pairing successfully,  icon on the bottom right of the screen turns blue.


### Bluetooth Telephone menu

1. Show history categories
2. Backspace
3. Paired device information
4. Number pad
5. Call/Hang up


### Making a call


#### • Dial Number

1. Input numbers by digit-keys on the screen.
2. Touch  button to dial.  
Touch  button to delete characters.
3. Touch  button to terminate call.

You can access Dialed/Missed/Received Call History and your phone book by touching  button.

#### • Answering a call

You can answer an incoming call by pressing the  button.

- \* Touch  button to reject an incoming call.

### Bluetooth Audio Playback

1. Title/Artist/Album information
2. Play/Pause
3. Previous track  
Fast reverse (long press)
4. Stop
5. Next track  
Fast forward (long press)




## Start using Clarion Mobile Map

When Clarion Mobile Map is started the first time, you need to do the following:

1. Select the written language of the application interface. Later you can change it in Settings.
2. Select the language and speaker used for voice guidance messages. After you can change it in Settings.
3. Read and accept the End User Licence Agreement.
4. Read and accept the road safety warning.  
After this, the Navigation menu appears and you can start using Clarion Mobile Map.

### Selecting the destination of a route

To enter an address as the destination, do as follows:

1. If you are on the Map screen, tap  to return to the Navigation menu.



2. In the Navigation menu, tap the following buttons:  .



3. Selecting a destination by entering the address or the postal code
4. Selecting the destination from the Places of Interest
5. Selecting a map location as the destination
6. Selecting the destination from your Favourites
7. Selecting your Home location
8. Searching for a Place of Interest by its phone number
9. Entering the coordinate of the destination
10. Selecting a recent destination from the History
11. Additional options



• For the information about other ways, see the user manual.


## Start using Clarion Mobile Map

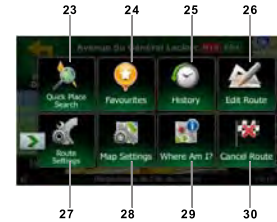
### Map screen

22. To enlarge this small map and open the Map screen, tap [Show Map] button
13. Zooming in and out
14. Tilting up and down
15. Rotating left and right
16. 2D or 3D view
17. Compass in 2D map view mode
18. Compass in 3D map view mode
19. Location information
20. Return to normal navigation
21. Select destination



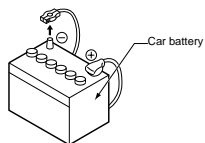
### Quick menu

22. The Quick menu is a selection of controls and functions that are frequently needed during navigation. It can be opened directly from the Map screen by tapping .
23. Find / Find Places /Quick Search (This function lets you search for a Place along your route or around your current location if there is no route calculated)
24. Find / Favourite (This button opens the list of your Favourite destinations)
25. Find / History (This button opens the History list. You can select one of your previous destinations)
26. My Route / Edit Route (This button opens the route editing function)
27. More / Settings / Route Settings (This button opens the route related settings)
28. More / Settings / Map Settings (This button opens the map related settings)
29. Tap the Current Street field on the Map screen (This button opens a special screen with information about the current position and a button to search for nearby emergency or roadside assistance.
30. My Route / Cancel Route (This button cancels the route and stops navigation. The button is replaced with the next one if waypoints are given)



## Installation Guide

### Before Starting



1. This set is exclusively for use in cars with a negative ground, 12 V power supply.
2. Read these instructions carefully.
3. Be sure to disconnect the battery "⊖" terminal before starting. This is to prevent short circuits during installation.

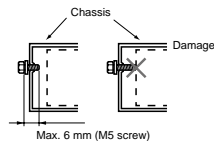
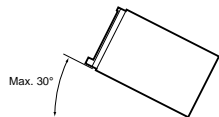
### Package Contents

Source unit .....	1
Wire connector .....	1
GPS antenna .....	1
CLAMP for GPS antenna's cable .....	3
DOUBLE FACE TAPE for GPS Antenna.....	1
2Din Trim ring (wide) .....	1
2Din Trim ring (narrow) .....	1

Cleaning cloth .....	1
Quick Start Guide .....	1
Owner's manual (CD-R) .....	1
Electro tap .....	2
Flush mount bolts(M5x6) .....	8
Hexagon Head Screw(M5x6) .....	8
AV cable .....	1

### Cautions On Installation

1. Prepare all articles necessary for installing the main unit before starting.
2. Install the unit within 30° of the horizontal plane.
3. If you have to do any modification on the car body, such as drilling holes, consult your car dealer beforehand.
4. Use the included screws for installation. Using other screws can cause damage.



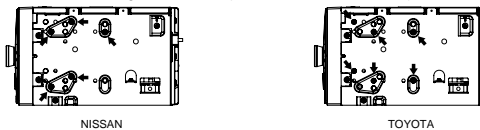
## Installation Guide

### Installing The Main Unit

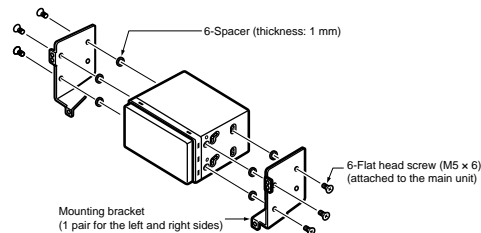
This unit is designed for fixed installation in the dashboard.

1. When installing the main unit in NISSAN vehicles, use the parts attached to the unit (see "■ NISSAN"). When installing the main unit in TOYOTA vehicles, use the parts attached to the vehicle (see "■ TOYOTA").
2. Wire as shown in "Wire Connection".
3. Reassemble and secure the unit in the dashboard and set the face panel and center panel.

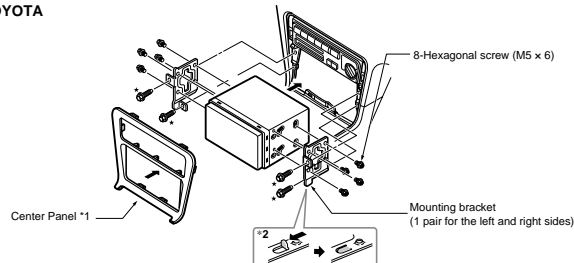
Mounting Screw Holes (Side View of the Main Unit)



#### ■ NISSAN



#### ■ TOYOTA



Screws marked ★ and mounting bracket are attached to the vehicle.

## Installation Guide

### Note:

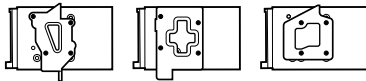
- \*1 Some panel openings are too small for the unit depending on the vehicle type and model. In such a case, trim the upper and lower sides of the panel frame by about 0.5 to 1.5 mm so the unit can be inserted smoothly.
- \*2 If a hook on the installation bracket interferes with the unit, bend and flatten it with a nipper or similar tool.

### ■ Vehicles other than NISSAN and TOYOTA

In some cases the center panel may require modification. (Trimming, filling, etc.)

### Typical Mounting Brackets

In some cases the center panel may require modification. (Trimming, filling, etc.)



Example 1-3

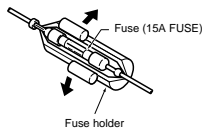
Affix the screws to the ● marks.

### Cautions On Wiring

- Be sure to turn the power off before wiring. Be particularly careful where you route the wires.
- Keep them well away from the engine, and exhaust pipe, etc. Heat may damage the wires.
- If the fuse should blow, check to see if the wiring is correct. If a fuse is blown, replace it with a new one of the same specification as the original.
- To replace the fuse, remove the old fuse of the power supply cord and insert the new one.

### Note:

- There are various types of fuse holder. Do not let the battery side touch other metal parts.



- After the connection, fix the cord by a clamp or insulation tape for protection.

## Installation Guide

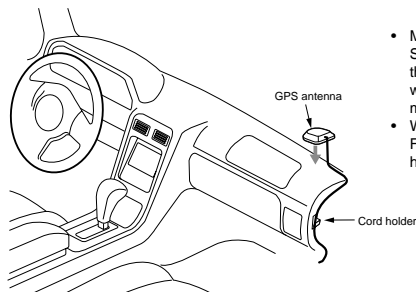
### Installing The GPS Antenna

#### ⚠ WARNING

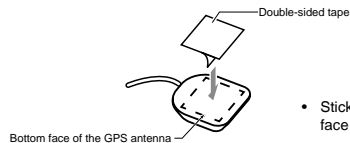
- Do not install the GPS antenna in a place where it may interfere with the operation of the airbag or hinder the driver's visual range.
- Do not use the navigation system with the GPS antenna cord cut off. The power cables in the cord may be short-circuited.

### Note:

- The supplied GPS antenna is for installing inside the vehicle. Do not install it outside the vehicle.
- Install the GPS antenna more than 50 cm away from the main unit, other audio devices such as CD player, and a radar detector. If it is installed near these devices, GPS reception may be impaired.
- To improve the GPS signal reception, install the GPS antenna horizontally on a flat plane.
- Do not wax or paint the cover of the GPS antenna. This may reduce the performance of the GPS antenna.
- Install the GPS antenna at least 10 cm away from the windshield.
- Wipe off the dirt of the mounting surface before installing the GPS antenna.



- Mount the GPS antenna. Stick it surely on a flat plane of the passengerside dashboard where GPS signal interruption is minimized.
- Wire the GPS antenna cord. Fasten the cord using the cord holders.

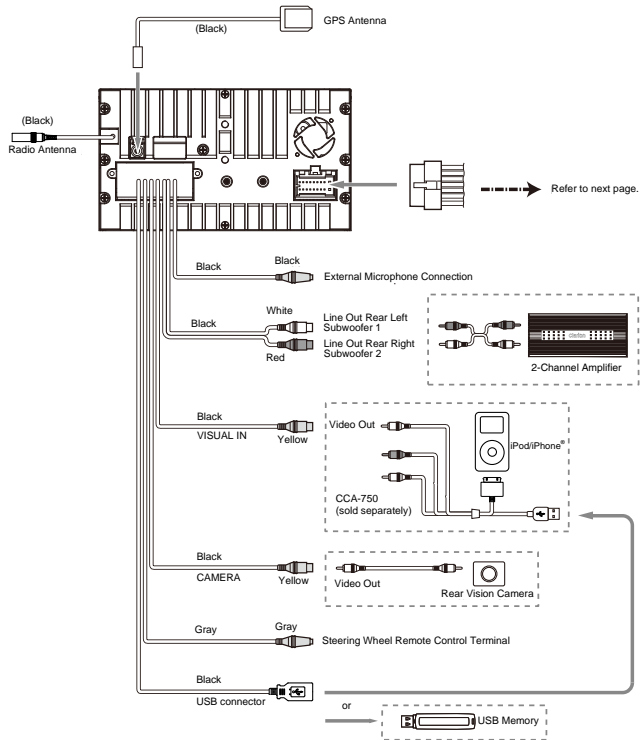


- Stick the double-sided tape to the bottom face of the GPS antenna.

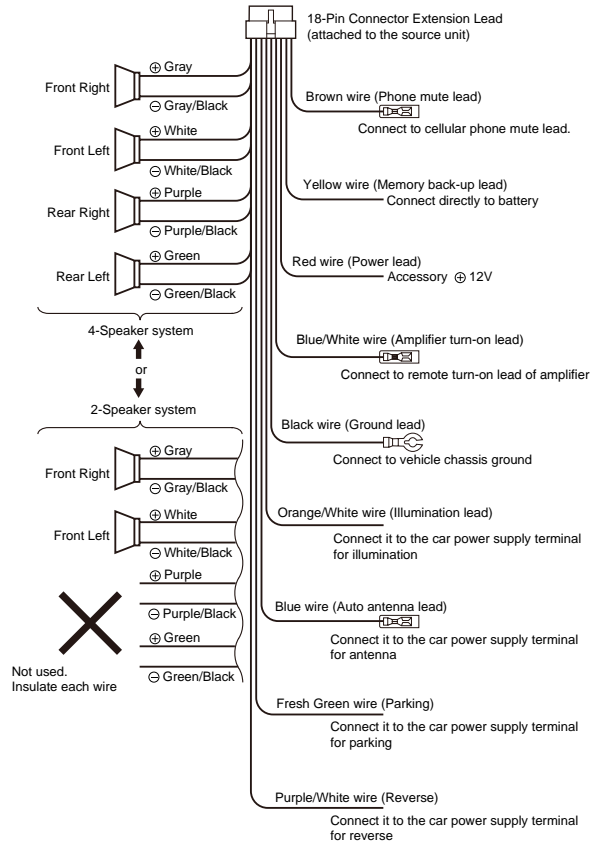


# Installation Guide

## Wire Connection



# Installation Guide



## Installation Guide

### Note:

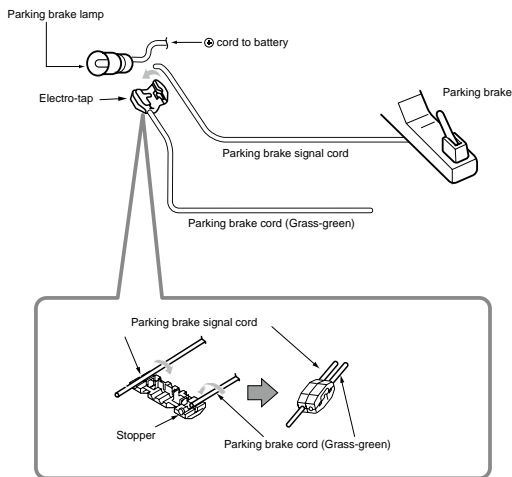
- \*1 Connect to the AUX audio input terminal and the iPod video input terminal. (Audio connection is required only when [Analog] is selected for the iPod output signal. See Owner's Manual.)
- \*2 In certain vehicles - Volkswagen/Opel/Vauxhall - it is necessary to exchange the accessory <<Red>> and the main power <<Yellow>> connection, to avoid overload and loss of memory.
- \*3 When the unit is installed in a 1998 or later Volkswagen model, make sure to interrupt the <<Remote>> output. Disconnect the <<blue/white>> wire and insulate the front ends of this cord. A breakdown may occur if the cord is not disconnected, or front ends are not insulated.

### ■ Connecting the parking brake cord

Connect the cord to parking brake lamp ground in the meter panel.

#### Note:

- Connecting the parking brake cord to lamp ground allows you to watch video images when the parking brake is engaged.
- When the parking brake cord is not connected, the monitor will not display video images.



# **Clarion Co., Ltd.**

---

All Rights Reserved. Copyright © 2012: Clarion Co., Ltd.

Printed in China

PN: 127075014031