

User Manual

CAR AV SYSTEM

DIGITAL CAR SMART AUDIO SYSTEM

MANUAL

Modelo: DGU-7T45-C220SA



 **SSANGYONG**
<http://www.smotor.com>

Car Navigation System

OWNER'S MANUAL

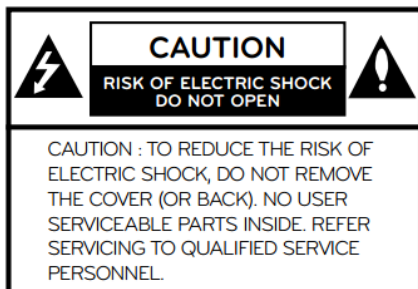
Please read this manual carefully before operating your set and retain it for future reference.

Designs and specifications are subject to change without prior notice.

*Please visit the Ssangyong Motor online Webpage for the detail information about the Car Navigation system.

General information

Safety notes



The lightning flash with the arrowhead symbol within an equilateral triangle is intended to alert the user about the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



Always operate the vehicle in a safe manner. Do not become distracted by the vehicle while driving and always be fully aware of all driving conditions. Do not change settings or any functions. Pull over in a safe and legal manner before attempting such operations. To promote safety, certain functions are disabled unless the parking brake is on.



To reduce the risk of electric shock, do not remove the cover or back of this product. There are no user-serviceable parts inside. Refer servicing to qualified service personnel.



To reduce the risk of fire or electric shock, do not expose this product to dripping or splashing water, rain, or moisture.



When driving your vehicle, be sure to keep the volume of the unit low enough to allow you to hear sounds coming from the outside.



Do not drop it and avoid heavy impacts at anytime.

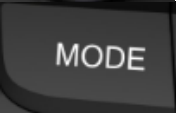
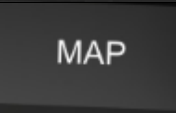
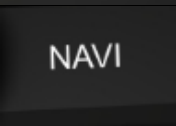


The driver should not watch the monitor while driving. If the driver watches the monitor while driving, it may lead to carelessness and cause an accident.

Location of control

Front View



Buttons	Function
	POWER/VOL 1. POWER ON/OFF 2. Volume Control
	MODE 1. Transit to Mode screen. 2. In Off status, last media will be resumed
	SETUP 1. Transit to Setting screen
	MAP 1. Transit to Navigation Map
	NAVI 1. Transit to Navigation Main Menu

Location of control

Steering Wheel Controller



Buttons	Function
	Receives Incoming Call or Redial
 	Short press(1.5 sec or less) - Change the preset channel in Radio mode - Change the track in Music playback Long press(1.5 sec longer) - Tune the frequency after release of button - Skip the music during press
 	Turns the volume down/up during media playback and BT call
	During standby - Press to mute the AVN system - Press and hold : to turn the system off When a call comes in - Press / Press and hold : to end a call or decline the call During a call - Press / Press and hold : to end a call or decline the call
	- Press : to select the functions (MUSIC->VIDEO->PHOTO) - Press and hold : to select the bands (F1->F2->AM) - Press and hold in Screen off : to turn the display on.

Basic Operation

Turning the System On



1. Turn the ignition key to ACC or On Position
Or Press Start if SmartKey system is equipped.



2. Booting log will be shown during system startup.



3. User screen will appear.
(Initial mode will be Tuner FM1)

MODE



4. To switch to different mode of operation, please press MODE button.

Turning the System Off

1. To turn the system off, press and hold the [Power/VOL] button longer than 1.5 sec. The system will remember the last used mode.
2. If the vehicle is turned off while AVN system is running, the system will return to the last media after turning vehicle on.

Turning the emergency reset



1. Press [MODE] and [NAVI] buttons together
2. System will terminate and restart and will start again. (User may see booting log and so on.)

Settings



1. To switch to System Settings of operation, please press MODE button.

AV OFF



1. In the ON state is AV
Press the PWR / VOL button (less than 1.5 seconds), AV is OFF and only the NAVI screen.

AV ON



1. In the OFF state is AV
Press the PWR / VOL button (less than 1.5 seconds), AV is turned ON.

Mode Selection

Navigation Mode (TOMTOM Map)		MEDIA Mode (USB VIDEO, MUSIC, PHOTO)
RADIO Mode		BLUETOOTH MUSIC Mode
HDMI Mode		BLUETOOTH Mode

Rearview Camera Operation

This system provide the Rearview Camera monitoring feature.(if equipped)

- Rearview camera monitor is turns on if the transmission gear is switched to “Reverse” position.
- Transmission gear position is moved out from “Reverse” the rearview camera monitor will turned off and the system will be switched to previous screen.
- The system will turn the turned on and turned off during Reverse even if the user has switched off the system.
- Volume control can be used for better caution and safe drive.

1. Start the vehicle by turning the ignition key to ON or ACC.
2. Change the transmission to “Reverse”



† Check...

- During the rearview camera monitoring, the user only can receive the HFP call or change the audio volume using VOL control on the front of buttons on the SWC.

Getting started with Navigation

1. Navi Button



Tap 'MODE'
shortly on
Map View
go to 'MODE'

Tap 'SETUP'
shortly on
Map View
go to 'Navi
Setting'

Go to
Current
Location

Tap 'Navi'
shortly on
Map View
to go
'NaviMainMe
nu'

SD Card Slot
(Include MAP)

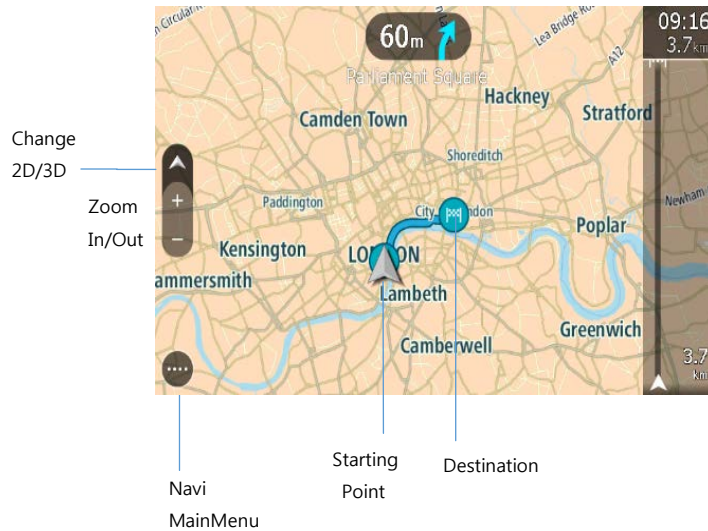
2. Navi Mode Selection



Go to MODE, Tap

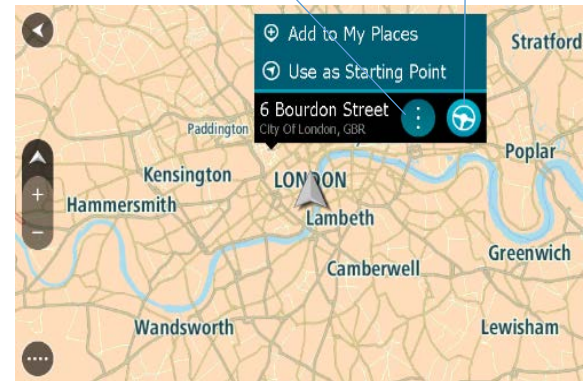


3.Route

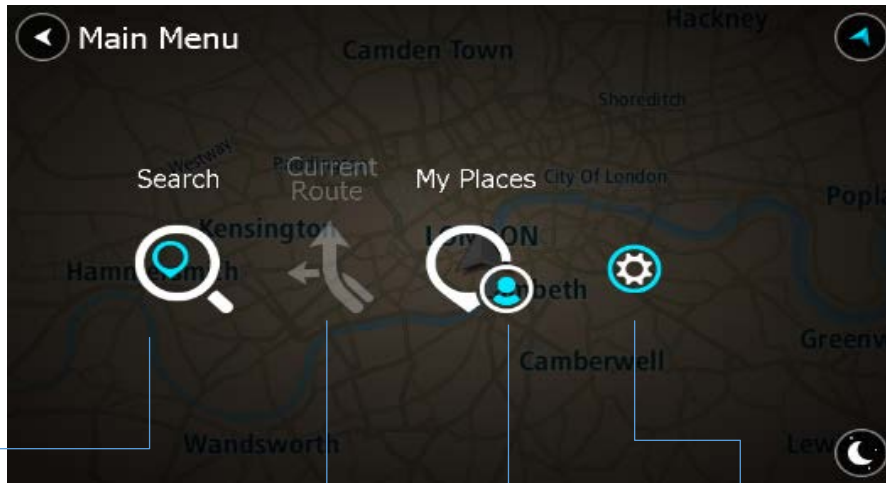


Tap 'More Option' to set My places/Starting Point

Search and Tap Drive Button to plan a route



4. Navigation Main Menu



Enter an Address
or Name and tap
drive Button or
More option

After Planning Route, back to
Navi Main Menu and Set -
Clear Route/Change Route
Type/Avoid on This Route/Play
Route Preview

Set and check
Home/Recent
Destination

Tap Setting to set
Appearance Route/
/Planning/Sounds&Warnings

Change view of
Day/Night

Troubleshooting

Cannot identify current location. (GPS not receiving)

GPS cannot be used indoors and must be connected to a power source with ACC in a vehicle in a location where the signal from the satellite can be received easily.

When initially connecting the GPS, it usually takes about 10 minutes to be working normally, but the connection speed can differ depending on the weather condition and surrounding obstacles.

If the GPS connection is unstable for a long period of time, try the following.

- Check if the product is connected to a power source.
- Check if the back of the GPS product is in a location where the sky can be seen well.
- If there are high buildings or if you are under a tree, move to a location where there are no obstacles.

Cannot hear the voice guide.

The volume is not set correctly or turned off. Adjust the volume of voice guidance.

There is a difference between the driving road and the road on the map in the product.

Even though GPS is usually very accurate, there is a small margin for error. When the GPS receiver is installed, there can be an error of about 10m. But for newly built roads, the problem could come from the data update to the map.

Cannot see the map.

Perhaps you cannot see the map even when you have executed the navigation menu.

This happens when the data within the memory is damaged. Delete all the data in the memory and install the data again. If the issue persists after installation, contact the A/S center.

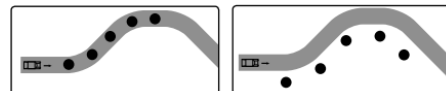
The path guide is different from the actual path (path guide error)

- When the road is closely parallel.
- When the splitting road angle is very small.
- When there is an adjacent road when turning.
- When driving on a road that is narrowing fast.

- When driving through mountains or where the road is too curvy.
- When the starting, passing and arriving locations are too close within 1km.
- When you have set the starting, passing, or arriving locations more than 1km away from the road.
- When driving through tunnels.

Map matching

As mentioned, the GPS systems used by this Navigation System are susceptible to certain errors. Their calculations may on occasion place you to a location on the map where no road exists. In this situation, the processing system understands that vehicles travel only on roads, and is able to correct your position by adjusting it to a nearby road. This is called map matching.



With map matching. With no map matching.

How to update the navigation map and software

To update the navigation map, visit the site (<http://www.tomtom.com>).

FCC Information to User

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Compliance Information : This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

A minimum separation distance of 20 cm must be maintained between the antenna and the person for this appliance to satisfy the RF exposure requirements.