



Alpine 502E GPS BlackBox:

Description & Usage

The SatGuide GPS Navigation Box integrates with NAV enabled existing car video entertainment system in vehicles to convert them into Navigation when needed.

How to use?

In your vehicle has a Double-din device, you can add navigation capabilities to those devices without the need for another screen in your vehicle. The process is simple and can be done by any car mechanic. Once SatGuide is installed, navigate across hundreds of cities and lakhs of destinations anywhere in India. Never Get Lost with SatGuide.

SatGuide helps you look up and route directly to specific addresses or point of interest such as restaurants, hotels, gas stations, retails shops or ATMs while viewing your exact location on detailed street maps. It even announces the name of exits and streets through your car's speakers so you never have to take your eyes off the road. Map graphics are shown on your system's integrated video display. To know more about SatGuide maps & database, log on to www.satguide.in.

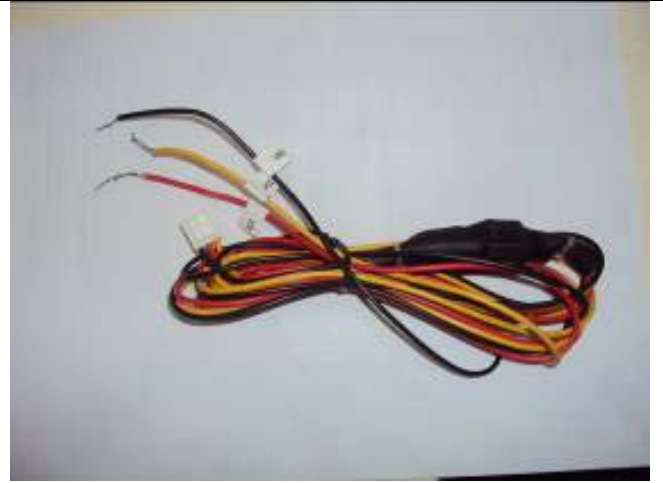
Specifications:

System Specifications:	
Main frequency	400MHZ
Main chip model number	Samsung S3C2416
Processor	ARM920T
Memory	ROM : 32 MB NAND Flash/DDR2 : 64MB
Navigation software store	SD card
Operation system	WINCE5.0
Card Slot	SDMMC
I/O Port	Power source - 9V~28V @ 1A DC-IN
Resolution	800*480 , 640*480 , 480*234
Audio output	Mono External speaker
Weight/size	458g / 35.2(H)*157(W)*106(D) mm

Power Connections between GPS black box and Alpine 2Din system

1) GPS black box connection:

Attach Red(ACC),Yellow (ACC) cables to +12V and Black(ground) to -12V Battery.



2) Connect the **RGB & Data cable** and **power cable** to GPS blackbox



3) Way of the SD Card inserting in Blackbox

Note: SD Card is already inserted with SatGuide application



4) **GPS Antenna** connection with GPS blackbox(GPS antenna should be open to sky)



5) Speaker connection with GPS blackbox



6) Connect **RGB cable** other end to Alpine 502E 2Din system



How to Launch the SatGuide application in Alpine 502E 2Din system

- 1) Switch on the Alpine 502E 2Din system, first enable the **Navigation** option as shown below to launch SatGuide Application in the device.
(Note: when ever Power ON the 2Din system Navigation "ON" comulsary)
- 2) First Select "**Setup**" option then it will show with "**System setup**" option as shows below. Tap the system setup option.



- 3) It will show a window with "**Nav.in**" and "**Nav.mix**" options, **turn ON** these two options as below.



- 4) Then it will show "**Nav. Option**" window as below



- 5) After tapping the “Nav” option then SatGuide application will launch in the device as shown below.



When GPS black box doesn't work:

- 1) After inserting SD Card in the Blackbox, then switch on the Alpine 2Din system device and blackbox.
- 2) To detect SaGuide application from GPS blackbox, the connection is must between GPS blackbox and Alpine device.
- 3) Just check the GPS blackbox that the power is coming or not and check the cables properly Connected or not.
- 4) Check the SD Card it is lock or unlock while inserting in GPS blackbox.
- 5) Check the SD Card it is properly inserted or not in the blackbox as show above figure.
- 6) If SatGuide application hangs then Power OFF/ON the system.

Suggested Speaker placement in side the Car:



