Split GPS/Beidou Car Transponder Specification

一, Product Picture



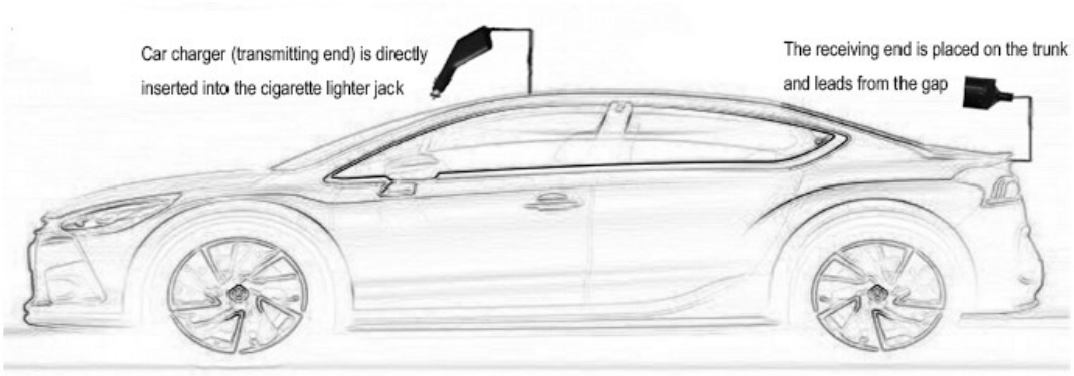




二，Product specification

Center frequency（MHz）	1575.42/1602
Bandwidth（MHz）	6
Input Impendence（Ω）	50
V.S.W.R	≤1.5
Consumption Electric	<15mA
Polarization Intensity	R.H.C.P
Supply Voltage	DC USB 5V
The Sound Coefficient	≤1.5dB
Axial Ratio	3dB
Gain （dBi）	29dB±3dB（LNA）
Operating Current	<20mA
Max Input Power（W）	5 GALILEO
VSWE（Output VSWE）	≤1.8
Operating Temperature	-20--65

三，Installation diagram



1. The receiving end magnet is adsorbed and installed on the upper part outside the trunk of the vehicle, and the receiving surface is facing upward.
2. The transmitting end is installed under the windshield of the center console, or in the auxiliary drive storage box. Pay attention to the position of the transmitting surface (black shell surface) facing the GPS/Beidou equipment (navigation device), and ensure the distance from the transmitting end to the GPS/Beidou The distance between the equipment is less than 1 meter, and there is no metal shielding between the transmitting end and the GPS/Beidou equipment for best results. The closer the distance, the stronger the signal!
3. Dock the yellow SMA connector between the receiving end and the transmitting end and tighten.
4. After the receiving end and the transmitting end are installed, plug the USB power supply cable into the powered USB slot of the car (if there is no need to purchase a car charger adapter), turn on the GPS device and it will work normally. GPS is used at the same time.

四，Precautions

1.Ensure that the linear distance between the receiving end and the transmitting end is greater than 4 meters, and there is metal shielding between them. The general car can only be placed at the receiving end and the transmitting end is placed under the front windshield. Claim.
2. The receiving end has been strictly waterproofed, but it is still recommended that you do not use this product and put it into the trunk or the car to avoid loss or vandalism.
3. After inspection, the emission power of this product is only one percent of that of ordinary mobile phones. It is absolutely safe to the human body and has no radiation hazard. Please feel free to use it.
4. The relay repeater is enhanced after forwarding. The working principle is to help the signal to be forwarded from the place where the signal outside the vehicle is good and strengthened into the car. If there is no signal outside the car, there is no way to forward it. However, if the outside of the car is 1, then there can be some enhancement. In general, it is to see whether the position of the receiving end is weak or completely no signal.

五、Common problems and solutions

Satellite reception status has not changed before and after use of the antenna	1. Check if the power is on. 2. Check if the receiving end is blocked by metal. 3. Check if the transmitter is too large for the GPS device.
The GPS can receive a weak signal. After the antenna is connected, the signal disappears completely.	1. Check if the distance between the receiving end and the transmitting end is greater than 2 meters. 2. Adjust the relative angle between the receiving end and the transmitting end, and avoid the transmitting end facing the receiving end.