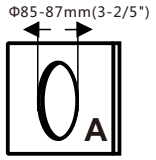
OWNER'S MANUAL

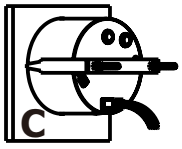
106-00128-01 ECP



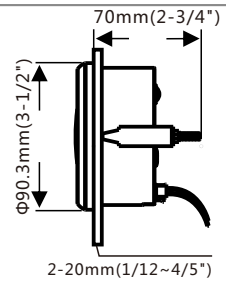
如A图，在准备安装仪表面板上开孔Φ85~87mm,
并保证面板后面有至少70mm的空间。

Pic A：Before installation , firstly ,to open a hole (Dia:85~87mm) of the panel, make sure there is a space with (70mm backyard of panel) as well

如B图，将仪表放入开好孔的仪表面板中
PicB: Put the gauge in the hole



如C图，用M4螺母和C型固定扣将仪表锁紧在仪表面板上
Pic C: Using M4 nut and C type bracket to seal up the gauge



如D图，关于外形尺寸的标注说明
Pic D: Size and annotations

技术参数：
工作电压：9~32VDC，
工作电流：≤150mA;
工作温度：-30~+75℃
存储温度：-40~+85℃。

Specification：
Operating Voltage：9~32VDC，
Operating current：≤150mA;
Operating temperature：-30~+75℃
Storage temperature：-40~+85℃。

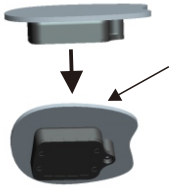
GPS installation instructions/天线安装说明:

GPS天线正面安装:
Installed in front:

最好的安装方式 Best
一般安装方式 General
可能收不到GPS信号 Cann't receive GPS signals

GPS天线反面安装
Installed in reverse:

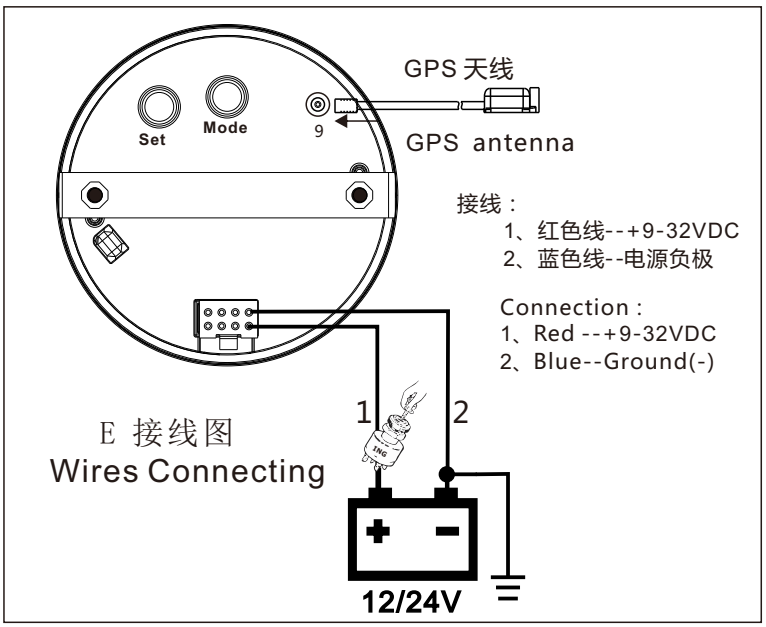
此面要求是塑胶或不能屏蔽GPS信号的材质.
this surface mateiral required plastic or can not shield GPS signal material



GPS天线反向安装
Reverse the GPS antenna installation

仪表基本说明：
1、速度表显示范围：0-999
2、总里程显示范围：0-999999
3、Trip里程显示范围：0-999.9
4、电压表显示范围：8-32V
5、数字罗盘：0-360°
6、时钟：0-24h

Multifunction Instruction:
1.Range of speed:0~999 km/h,MPH,Knots
2.Range of ODO:0~999999 km,miles,knots
3.Range of trip:0~999.9 km/h,MPH,Knots
4.Range of Volt: 8-32V
5. COG:0-360°
6.Clock:0-24h



GPS速度表说明：
1、参考E图连接电线，然后打开电源，仪表即可开始工作,仪表开始工作时，处于搜索信号状态，速度表会自动计数，且GPS流水闪烁，计数范围：1-300。搜索到GPS信号GPS...图标常亮显示GPS normal，正常显示速度.
2、功能选择说明：
a、轻触仪表背面的Mode按键，可以实现KNOTS、MPH、KM/H单位的切换，并自动保存。
b、按住Mode按键3秒后，ODO显示区域闪烁，进入总里程参数设置模式:然后长按Mode按键，ODO数值增加；松开Mode按键，再次长按Mode按键，ODO数值减少（长按时间越长，调节速度越快）。
c、调整到你需要的数据后，松开 Mode 和Set按键3秒后，ODO数据自动保存
TRIP：小计里程，默认掉电清零。
ODO：累计里程，掉电数据不清零。
3、故障代码 ：E01 表示上电时GPS搜索不到GPS信号.
：E02 表示中途GPS信号丢失。
：E03 表示仪表内部电路出现故障。
4、时钟表时间调整说明：
轻按Set(松手后有效)，调整时间,每调一次加30分钟，达到24小时后，重新归0。仪表在有GPS信号时，默认显示为世界时间(UTC)。用户可根据当地本时区的时间调整时钟,调到与当地时区时间一致后，松开Set按键，数据自动保存，下次开机不需再调整时间.
5、电压表：
a、12V系统电压低于11.3V，数字显示红色
b、24V 系统电压低于22.6V,数字显示红色

GPS speedometer:
1. To connect the wires connectors as Pic.E , turn on the power, the GPS speedometer start to search GPS signal (within 300 seconds ,digital will count from 1 to 300) ,it will display GPS normal until it had search GPS signal.
2. Function :
a、Quick press the button to select the speed unit (KNOTS ,MPH or KM/H)
b、Long press MODE button (≥3 seconds) ,the digital ODO flickering to entry setting mode.
Then user long press the MODE button, the value of ODO will increase, and ODO will decrease if you have same operation on the device again .
c、Once you had set the exact value required , data will be recorded after releasing both button (≥3 seconds)
3.Error code :
E01:GPS signal could not be founded successfully within 300 seconds
E02:GPS signal lost during journey
E03:Interal circuir failed
4.Operation for clock :
Default stardard for the time is UTC. The clock gauge will display once the GPS signal is normal .Quick press the SET button to adjust the clock , 30 minutes will increase per each operation (circle range from 0:00 to 23:30) ,the data will be recorded automatically after you had adjusted successfully and release the SET button . Warming : the clock data will not be lost after power off.
5.Voltmeter:
a. For 12V system , the digial will be RED if the power supply less than 11.3V
b. For 24V system , the digial will be RED if the power supply less than 22.6V