

▶ 代理KODEN  
KODEN PRODUCTS

GPS/DGPS导航仪  
GPS/DGPS Navigator



# KGP-913MKII/913MKIID

含SBAS校正的超定位准确度！  
Superior Positioning Accuracy with SBAS Correction!



产品选型  
PRODUCT CATALOGUE

## 特点/FEATURES

▶ 含SBAS/SBAS enabled

SBAS, 星基增强系统, 实用并完全符合美国 (WAAS), 欧洲 (ENGOS), 亚洲 (MSAS) 的卫星系统SBAS, Satellite Based Augmentation Systems, are fully operated in USA(WAAS), Europe (EGNOS) and Asia (MSAS).

▶ 准确快速定位/Precise and quick positioning

平行18信道的接收器使得任何时候都可以提供准确快速的定位  
Parallel 18-channel receiver provides precise and quick positioning at any time.

差分GPS/Differential GPS (KGP-913MKIID)

▶ KGP913MKIID 内置信标接收器, 可用作高精度的差分GPS导航仪。全球范围内 (有差分信标站的国家) 已预先安装了信标站。

KGP-913MKIID has built-in beacon receiver. It can be used as a high-accuracy differential GPS navigator. Beacon stations all over the world are pre-installed (in countries where differential beacons are located).

 规格/Specifications

**GPS 接收器 ( 913MKII 与 MKIID 通用 ) /GPS receiver section(KGP-913MKII/913MKIID COMMON)**

接收频率Receiving frequency	1575.42 MHz ± 1 MHz
接收信道Receiving channel	Parallel 18-channel
接收编码Receiving code	C / A code
灵敏度Sensitivity	Better than -130 dBm (elevation angle: 5° or over)
精确度Accuracy 位置Position	10 m 2 drms (GPS), 3 m 2 drms (DGPS / SBAS)
(PDOP: 3 or less) SOG 0.1 kt rms	COG ±3° (SOG 1-17 kt), ±1° (SOG>17 kt)

注意: 精确度符合DoD民用GPS用户政策的改变 Note: Accuracy is subject to change in accordance with DoD civil GPS user policy.

**信标接收部分 ( 仅指KGP913MKIID ) /Beacon receiver section(KGP-913MKIID only)**

接收频率Receiving Frequency	283.5 to 325.0 kHz
信道分离Channel Separation	500 Hz step
模块Modulation	MSK: 50, 100, 200 bit / sec
灵敏度Sensitivity	2.5∞V / m (at BA-02)
信号检测Signal Detection	Better than 6 dB
动态量程Dynamic range	92 dB

**显示部分 ( 913MKII 与 MKIID 通用 ) /Display section(KGP-913MKII/913MKIID common)**

显示屏Display	LCD with backlight (128 x 64 dots, effective picture area: 85.71 x 54.35 mm)
显示模式Display mode	Standard text (NAV1), Navigation graph (NAV2), 3-D Highway (NAV3), Simple plotter (PLOT)
位置数据显示Position data display	Latitude / longitude in increments of 0.0001 min, converted Loran C LOP, converted Loran A LOP or converted Decca LOP
及时记忆 ( 事件标志 ) Instant (Event) memory	200 points (Incl. one MOB point)
路标点记忆Waypoint memory	200 points (usable as waypoint)
路径记忆Route memory	20 routes (Max. 400 waypoints) reverse trail possible
报警Alarm	Arrival proximity, cross track error, CDI, anchor watch, DGPS, GPS
位置补偿Position compensation	Latitude / longitude, Loran C LOP, Loran A LOP, Decca LOP or Datum
磁性补偿Magnetic compensation	Auto or manual
输出数据文本与句式 Output data format and sentences ( MKII: 仅NMEA0183 )	NMEA 0183 (AAM, APB, BOD, BWC, DCN, GGA, GLC, GLL, GSA, GSV, GTD, MSS, ODA, RMB, RMC, Rnn, SGR, SNU, VTG, WDC, WPL, XTE, and ZDA), NMEA 1, NMEA 2, CIF, SHIPMATE 0183
输入数据文本Input data format	RTCM SC104 Ver. 2.0, NMEA 0183 *
电源Power supply	10.8 to 31.2 VDC
电源消耗Power consumption	6.0 W or less (KGP-913MKIID), at 24 VDC 4.5 W or less (KGP-913MKII), at 24 VDC

GPS来源选为 EXT \* When GPS source is selected as EXT

**显示部分 ( 仅MKIID ) Display Section(KGP-913MKIID only)**

差分Differential	ON, OFF, AUTO
信标站选择Beacon Station Selection	Auto (requires position information) or manual
信标站数据Beacon Station data	User entry (20 stations), beacon almanac data (10 stations), ROM (built-in stations around the world)
操作温度Operating temperature	°C to +55°C (-13°F to 131°F)

**环境Environment**

防水等级 Waterproofing	显示单元Display unit:IPX4 天线单元Antenna unit:IPX6
操作温度 Operating temperature	显示单元 Display unit: -15°C to +55°C 天线单元 Antenna unit: -25°C to +55°C

## 设备清单/Equipment list

### 标配 (通用) Standard Equipment List (KGP-913MkII / 913MkIID common)

显示单元 Display unit		含安装架以及乙烯基外壳 With vinyl cover and mounting bracket
天线单元 Antenna unit	GA-08	GA-08 用于GPS接收含10米天线电缆及连接至GA-08/BNC接口 For GPS reception, with 10 m antenna cable Connected to GA-08 / BNC connector
	GA-08L	GA-08L 用于GPS接收含0.5米天线电缆连接至GA-08L/BNC接口 For GPS reception, with 15 m antenna cable Connected to GA-08L / BNC connector
DC电源电缆 DC power cable	CW-266-1.8M	CW-266-1.8m 含接头, 防水盖 With a connector, waterproof cap

熔断器, 安装材料, 操作手册 Operation manual, Installation material, Fuse

### 标配 (仅KGP-913MKIID) Standard Equipment List (KGP-913MkIID only)

天线耦合器 Antenna coupler	BA-02	BA02 用于信标接收含10米天线电缆及连接至BA02/BNC接口 For beacon reception, with 10 m antenna cable Connected to BA-02 / BNC connector
	BA02L	BA02L 用于信标接收含15米天线电缆连接至BA02L/BNC接口 For beacon reception, with 15 m antenna cable Connected to BA-02L / BNC connector

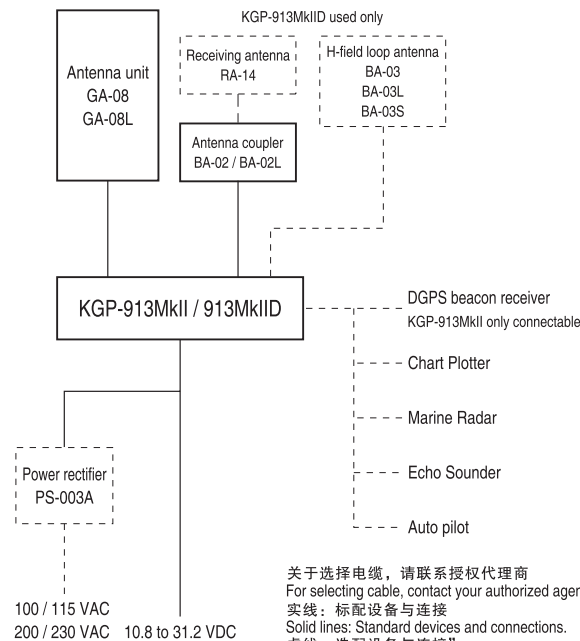
### 选配 (通用) Options (KGP-913MkII / 913MkIID common)

连接电缆, 平镶安装套件, 电源整流器, AC电源线, 天线支撑 Connecting cable, Power rectifier, AC power cable, Flush mount kit, Antenna holder
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### 选配 (KGP913MKIID) Options (KGP-913MkIID only)

接收天线 Receiving antenna	RA-14
H环形天线 H-field loop antenna	BA-03, BA-03L, BA-03S

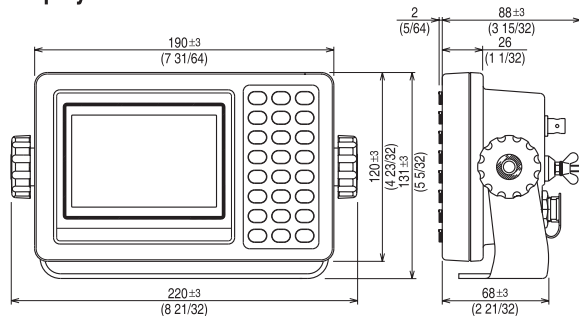
## 连接示意图/Connecting drawings



关于选择电缆, 请联系授权代理商  
For selecting cable, contact your authorized agent.  
实线: 标配设备与连接  
Solid lines: Standard devices and connections.  
虚线: 选配设备与连接  
Dashed lines: Optional devices and connections.

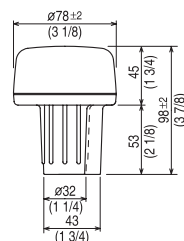
## 尺寸与重量/Dimension and weight

### Display unit



Weight:  
KGP-913MkII: 0.86 kg (1.9 lb)  
KGP-913MkIID: 0.96 kg (2.1 lb)

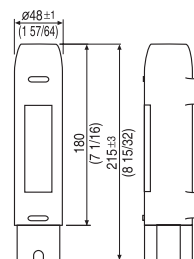
### Antenna unit (GPS) GA-08 / 08L



Weight:  
0.19 kg (0.42 lb)  
0.62 kg (1.4 lb) including cable (10 m)  
0.81 kg (1.8 lb) including cable (15 m)

### Antenna coupler (beacon) BA-02 / 02L

Supplied for KGP-913MkIID only



Weight:  
0.4 kg (0.89 lb)  
0.85 kg (1.9 lb) including cable (10 m)  
1.2 kg (2.7 lb) including cable (15 m)

设计与规格改变恕不另行通知  
Design and specifications are subject to change without notice.