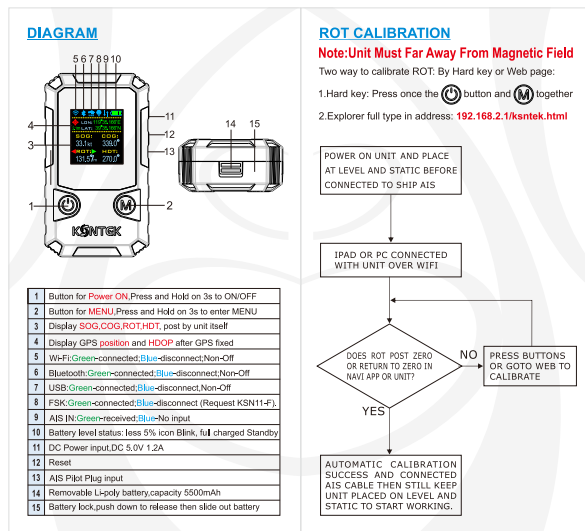




CONNECTION

Wi-Fi SSID: **KSN11-C** PASSWORD: **12345678**
Protocol: **TCP** HOST IP: **192.168.2.1** PORT: **8888**
Bluetooth SPP: **KSNTK-BT** BLE: **KSNTK-BLE**

WEB CALIBRATION

IE or Safari type 192.168.2.1/ksntek.html to open page:

CONTROL PANEL

ROT:

HDT:
CAL:
(CAL INPUT BY CORRECT HEADING FROM SHIP)

NOTE: TO USE HEADING SHOULD BE ENABLE "HDT" FIRST. THEN INPUT VALUE IN CAL FOR HEADING CALIBRATE. VALUE CAN BE GOT FROM SHIP'S HEADING. e.g SHIP HEADING IS "180.5°" THEN INPUT "180.50" CLICK SEND.

WORKING MODE

- KSN11-C can be worked with Battery;
- Battery while charging;
- Without battery use DC power only (DC IN);
- With or without battery get power supply (DC IN) from PC USB and transfer data to USB serial port;
- Factory default: All connection modules at ON, GPS, ROT ON, HDT OFF;
- Sentence output default: GPS, ROT & HDT at NMEA AIS from ship

Note: If unit off automatic by battery empty please plug charger on twice that will display battery icon.

MENU

Hold on M button 3s to enter the MENU

CONN

All connection modules can be selected at ON/OFF

WIFI: User can customize WIFI settings by access at 192.168.2.1, user name: admin, password: pilot. Reload will let WIFI back to factory default.

BLE: Bluetooth, can be OFF if not use.

USB: Can be OFF if not use.

FSK: This module only used when KSN11-F available wireless receiving AIS data, can be OFF if not use.

NAVI

GPS, ROT, HDT can be selected at ON/OFF

SYS

All settings will load at factory default after Reload.

HELP

INSTALL USB DRIVER

Please install USB driver first before to use USB. PC will find new hardware after connect USB port, then select automatic download from Internet or download Driver at our website.

PC will create a Serial COM Port after driver load successful, goto Windows "Device Manager" to find out COM port number.

Right click on "Computer-Properties-Device Manager"

In Port should be available a device name as: "Silicon Labs Cp210x USB to UART Bridge (COMx)"

Assign this COM number to Navigation Software and set baud rate at 38400bps.

KSNTK

KSNTK Electronics Technology QHD Co., Ltd.
WWW.KSNTK.COM
E-mail: info@ksntek.com

FCC Statement

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 or more 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: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

RF Exposure Information

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.