

KMD-550 NMEA Distribution Box

Features :

- Power Supply isolated
- Twelve RS422 outputs, three RS232 outputs and one speed closure signal (or Fifteen RS232 and one speed closure signal)
- High speed baudrate up to 38400
- Input signal isolated
- Every channel output isolated
- Can be used as two independent NMEA distribution box

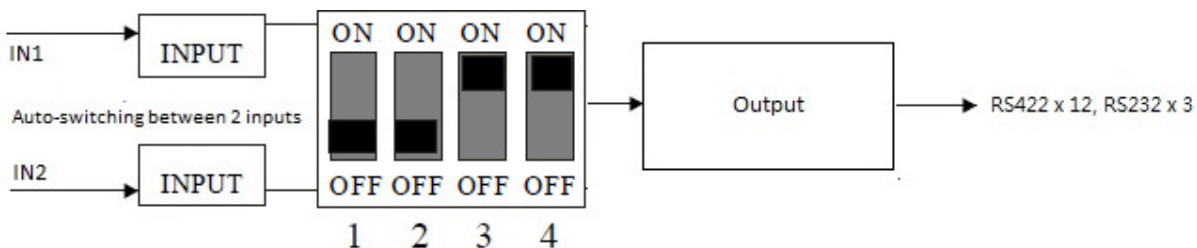
Installation Guide

1) Power connection : 24VDC, Pin 48 +ve, Pin 47 –ve

2) Switch setting :

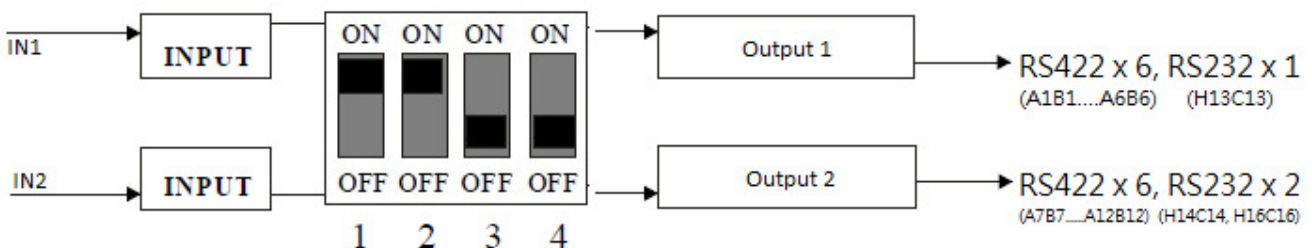
2.1 Setting 1 (default)

Auto switch between 2 input channels. IN1+ IN1- is the first input channel and IN2+ IN2- is second input channel. If there are no signal in 1st input it will auto switch to 2nd input automatically. There are total 15 outputs with this setting, RS422 x 12 and RS232 x 3



2.2 Setting 2 :

Use as two total independent distribution box, e.g. Input 1 connect to GPS (RMC) and Input 2 connect to Heading device (HDT) then 6 x RS422 (A1B1...A6B6) and 1 x RS232 (H13C13) will output RMC while 6 x RS422 (A7B7...A12B12) and 2 x RS232 (H14C2) will output HDT.



3) If there are a equipment onboard require closure pulse speed signal (200 pulse/knot) then you can connect pin 45 & Pin 43. It will convert the SOG data from GPS to pulse speed signal and output from pin 45 & 43.

