

KTC – K-Line to CAN

Part Number #61140

Basic Specifications

Inputs

- Power supply 12 V (9 - 16 VDC)

Communications

- 1 x K-Line
 - ISO 9141 standard interface with internal protection
 - Baud rate dependent upon selected application
- 1 x CAN
 - Fixed address (0x600, 0x601)
 - 1Mbit/sec baud rate

NOTE: the KTC device is not user-configurable. Different applications may require firmware upgrades to allow additional formats.

Physical

- Case size 38 mm x 14 mm x 26 mm excluding lead

Other Information

Compatibility

- MoTeC 'hundred series' ECUs: M400, M600, M800, M880

Jet Ski Compatibility

- Kawasaki JT1500 series:
 - JT1500B, JT1500F (Ultra 250x)
- Yamaha Waverunner series:
 - FXSHO/FZR/FZS

Important

The KTC is wired onto the CAN bus. Please ensure the CAN bus includes at least one 100R terminating resistor.



The **KTC (K-Line to CAN)** adaptor converts CAN data to ISO 9141 K-Line data with specific formats to facilitate communication between MoTeC 'hundred series' ECUs and existing dashboards in Yamaha and Kawasaki Jet Skis.

Features

- Enables available dash functions including RPM, boost pressure and dashboard alarms (e.g. engine temperature, muffler temperature, oil pressure, EFI fault)
- Transmits pre-defined CAN messages to K-Line format
- Resin filled, machined, anodised aluminium case with through hole fastening
- Flying lead

Connector and Pinout

Connector		
DTM 6 pin male		
Mating connector DTM 6 pin #68056		
Pin No	Colour	Description
1	Black	Ground (Battery —)
2	Blue	K-Line (Transmit)
3		Not used
4	Green	CAN Low
5	White	CAN High
6	Red	+ 12 V (Battery +)