

EL-PAS E-Cruise, Digital Cruise Control

Cruise control is a popular electronic aid that allows a driver to bring a vehicle up to speed, push a button and maintain the selected speed without touching the gas pedal. This gives a much more comfortable driving, reduces stress on the driver and minimizes the risk of speeding tickets especially when towing a trailer and on long trips.

E-Cruise is especially developed for the new generation of automobiles, which are equipped with E-gas (Electronic Accelerator Pedal)/Drive-by-wire. E-Cruise is 100% digital and requires no mechanical installation like a traditional cruise control. In our product development we have worked very closely with the car importers to ensure E-Cruise is customized for the individual brand, model and engine.



E-Cruise has a long list of advantages in comparison with the traditional mechanical cruise controls and offers following features:

- No mechanical installation and thereby no mechanical wear.
- Easy to install => 50 % reduction in installation time.
- No adjustment or fitting as E-Cruise is pre-programmed for the individual vehicle.
- E-Cruise is 100 % adapted to the specifications of the vehicle to ensure the drivers will not sense when the cruise control takes over the control of the vehicle.
- Gives a more stable and comfortable driving. Easy interface to original switch/lever.
- Comprehensive Installation manuals, including clear diagrams, per vehicle brand, model and engine size.



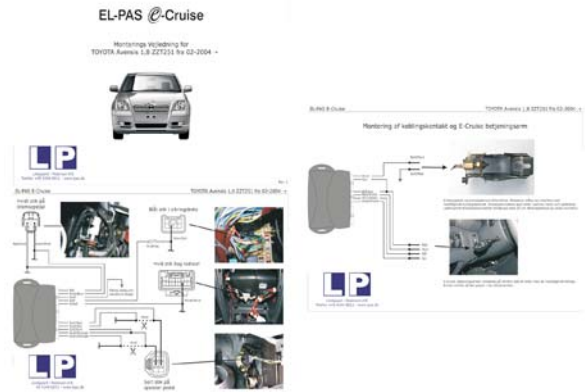
Delivery kit:

The delivery kit is customized per vehicle and contains all necessary parts for easy installation.

Installation kit



Adapted to the individual vehicle



Sample of installation Manual. Customized per vehicle. Including clear diagrams

Cruise control unit



Preprogrammed to the individual vehicle

Owners Manual

@-Cruise Instructions



The E-Cruise cruise control will softly regulate the chosen speed within the vehicle's potential. The E-Cruise is not recommended below the speed of 50 km/h.

Operation of the cruise control:

- On:** Press the ON-OFF button to turn on the E-Cruise.
- Off:** Press the ON-OFF button to turn off the E-Cruise (if the cruise is ON). Always turn off the E-cruise when not in use. The E-Cruise will automatically turn off when engine is switched off.
- Set:** Drive at a constant speed and activate briefly SET/COAST (press lever downwards). Raise the foot off the accelerator pedal as the E-Cruise takes over the control of the accelerator.
- Disconnection:** E-CRUISE will automatically switch off if the brake pedal, clutch pedal or the CANCEL button is used. When activating the ON-OFF button, the system will at any time be disconnected (if the cruise is ON) and the last used speed will be erased from the memory.
- Resume:** Activate RES/ACC (press lever upwards) and the vehicle will return to the speed last chosen. This depends on the fact that the ignition has not been switched off or the ON/OFF button has been activated.
- Decel:** Activate and press down the SET/COAST button for more than one second and the E-Cruise will lower the speed until the SET/COAST button is released. The speed when the SET/COAST button is released will be the new speed.
- Accel:** Activate and press up the RES/ACC button for more than one second and the E-Cruise will increase the speed until the RES/ACC button is released. The speed when the SET/COAST button is released will be the new speed.

WARNING: The E-Cruise should only be used on highways and motorways where conditions allow it. The cruise should not be used in high wind, rain and snow or when the roads are wet.



Clear and comprehensive

User interface



Individual solutions, switches, standard arm and OEM arm



Product Specification/Technical Data Sheet

General

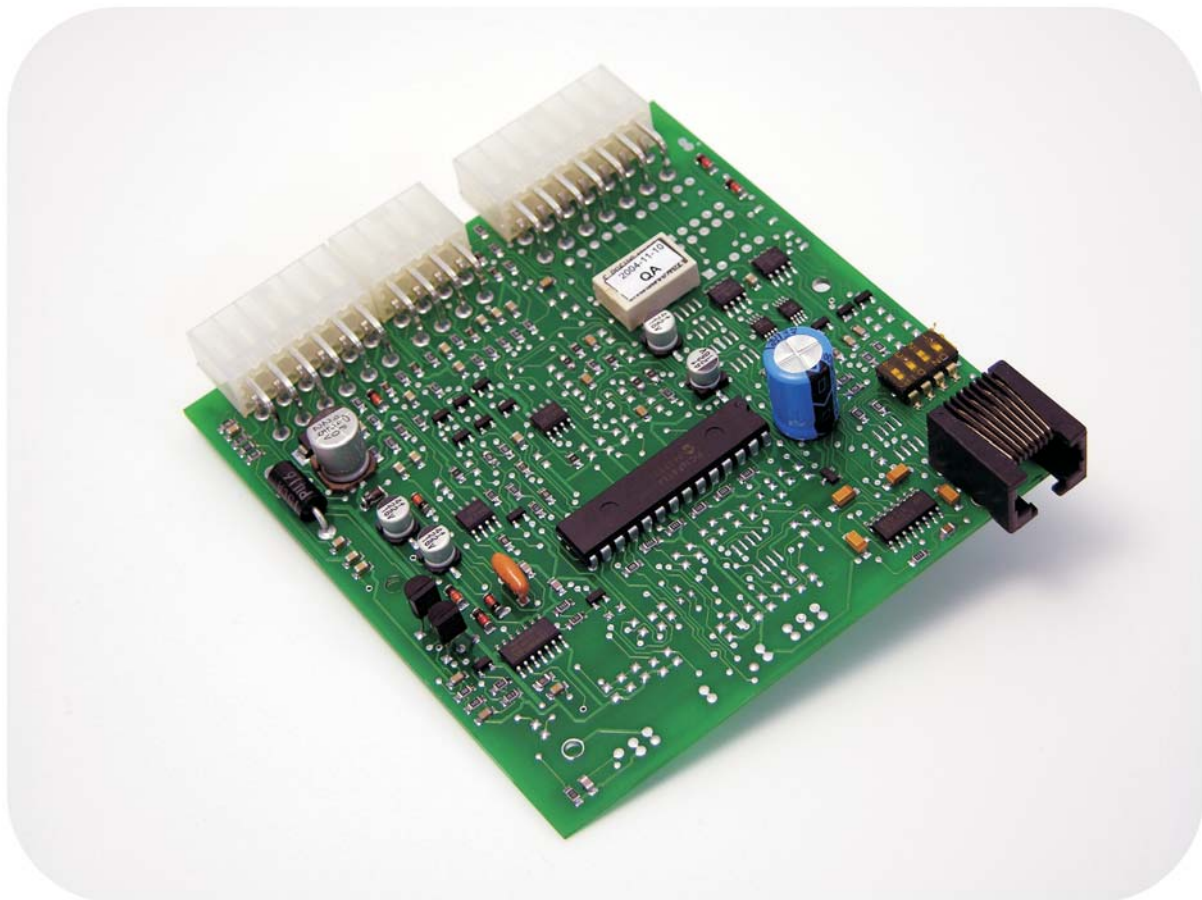
Power supply	10 - 15 Volt, minus to ground, polarity protected
Power consumption	25 - 40 mA
Component technic	SMD, Surface Mounted Devices
Temperature range	-40 - +60 degrees Celsius
Analog outputs	0 - 6 Volt @ 25 mA
LED output	ground active @ 500 mA
Analog inputs	Max. Vin : 5V DC
Digital inputs	+ active, max. Vin : 30V DC
Built-in relays	max. 1A

Type Approval

e24 021099

Warranty

2 years



Rev. 1.1

