



Datasheet

Carrot C-MX ECU 2-Stroke



- Plug and play ECU unit
- Integrated launch and wheelie control
- 32MB datalogging memory
- CAN-bus communication & programming
- Exhaust Gas Temperature control expansion
- Power valve control

The Carrot C-MX engine control unit 2-Stroke is specially developed for managing MX bikes with 2-Stroke injection engines. It is a plug and play unit, what means it is interchangeable with the original electronics without modifications. The ECU is programmable to your wishes in combination with the available programming software. In addition to this, the Carrot C-MX ECU 2-Stroke is offering various extra functions, like launch control, wheelie control, datalogging and many more. In combination with the Carrot CAN-EGT adapter there is the possibility to measure the exhaust gas temperature.

Application

- Advanced wheelie control strategy
- Integrated G-force and gyroscope sensor (3-axis)
- 2-phase launch control
- Full automatic hole-shot routine
- Programmable with user friendly software package
- 32MB datalogging memory
- Modern processor technology for faster response
- Exhaust Gas Temperature control expansion
- Compatible with original handlebar-switch
- Map 1-2 selection possible during driving
- Power valve control

Suitable models MX bikes

- KTM 250 SX (2023)
- KTM 125 SX (2023)
- Husqvarna TC 250 (2023)
- Husqvarna TC 125 (2023)

Technical Specifications

- Plastic housing + rubber mounting
- Plug and play connector
- Size 120mm x 74mm x 37mm (LxWxH)
- Weight 224 gram
- Power supply: 9v to 16v
- 1x CAN communication bus



Pricelist

Carrot C-MX ECU 2-Stroke

Part number	Description	Price (ex. VAT)
C-010-0030	<p>C-MX ECU 2-Stroke (KTM 125/250 SX + Husq. TC 125-250)</p> <p>Full programmable plug and play unit ready for installment. ECU comes standard with 2 pre tuned mappings.</p> <p>Included in box:</p> <ul style="list-style-type: none"> • Carrot C-MX ECU 2-Stroke • Mounting rubber • Quick-start manual 	€745,-
C-010-031	<p>C-MX ECU 2-Stroke + Carrot CAN Adapter</p> <p>Same as C-010-0030 C-MX ECU 2-Stroke with additional options:</p> <ul style="list-style-type: none"> • Original handle-bar switch functionality for switching between mappings 1 and 2 (possible when driving). 	€795,-
C-020-0020	<p>Communication Interface MX</p> <p>Communication interface used in combination with the Carrot C-MX Management software and datalogging functionality.</p> <p>Software/updates free downloadable from our website: www.carrotps.com</p>	€295,-
C-020-0021	<p>Carrot CAN Adapter</p> <p>Required for connecting the original handle-bar switch to the ECU.</p>	€125,-
C-020-0023	<p>Carrot CAN-EGT Adapter (Type-K sensor connector)</p> <p>Required for connecting the original handle-bar switch to the ECU, and integrated exhaust gas temperature measurement for tuning with EGT correction.</p>	€195,-
C-030-0012	<p>Thermocouple sensor (Type-K)</p>	€95,-