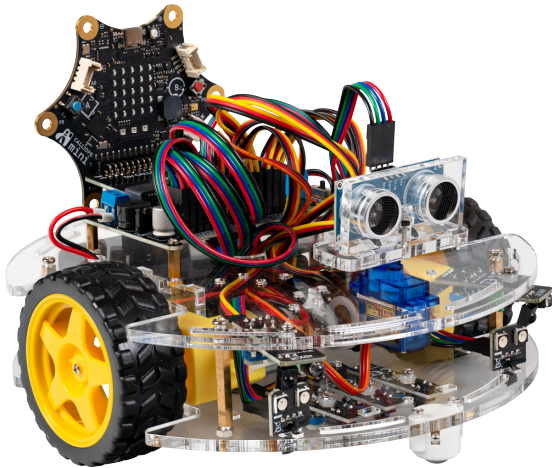


JOY-CAR FOR CALLIOPE MINI 3

Educational robot kit based on Calliope Mini 3



The Joy-Car is an autonomous educational robot kit based on Calliope Mini 3 and offers a modular robotics learning kit. Sensors such as line tracking, ultrasound, obstacle and speed sensors enable functions such as autonomous driving and even control via BT using a second, separate Calliope. The additional equipment simulates indicators, lights, reversing lights and a horn, rounding off the experience of an autonomous robot car. Individual lighting scenarios can also be realized through the use of addressable LEDs. Education for everyone!

The Joy-Car is ideal for learning about electronics and programming and has been specially designed for use in schools.

Comprehensive instructions are also available on the Joy-Car homepage. The assembly and programming in MakeCode is also explained here. There is also information, tips and a forum for questions, problems and ideas.

MAIN FEATURES

Special features	Specially tailored for use in schools and other educational institutions Extensive tutorials & program codes Getting started even without programming knowledge
Power supply	4x AA batteries, Alternative: 4.5 - 9 V DC
Power consumption	approx. 200-500 mA (max. 2A)

COMPONENTS

Included sensors	2x speed sensor, 3x line tracking sensor, 1x ultrasonic sensor, 2x obstacle sensor
Included electronics	2x geared motor, 1x Joy-Car mainboard, 4x LED, 2x servo motor, 1x battery compartment

FURTHER INFORMATION

Article number	MB-Joy-Car-set5
EAN	4250236830087
Customs tariff number	85437007
Dimensions	189 x 171 x 133 mm
Scope of delivery	Joy-Car acrylic kit, sensors, electronics, mounting material, connection cable, adapter board for Calliope Mini 3, standoff

