

# Code Base

Lab 1

# Baue den VEX GO Code Base Roboter



siehe Bauanleitungen: [Code Base](#)

# Reiterkarte "Fahrt"

The screenshot shows the VEXcode GO interface for a 'Fahrt' (Race) project. The top bar includes the 'GO' logo, a 'Datei' menu, and icons for 'ANLEITUNGEN' and 'HILFE'. The main area is divided into several sections:

- Brain:** A table showing battery and acceleration data.

Batterie	
X-Beschleunigung	0.00 G
Y-Beschleunigung	0.00 G
Z-Beschleunigung	0.00 G
- Fahrwerk:** A table showing speed and orientation data.

Geschwindigkeit	0 %
Richtung	0 Grad
Drehung	0 Grad
- LED-Auto:** A table showing a button state.

Gedrückt?	FALSCH
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- Eye-Sensor:** A table showing object detection results.

Objekt gefunden?	FALSCH
Rot erkannt?	WAHR
Blau erkannt?	FALSCH
Grün erkannt?	FALSCH
Helligkeit	0 %
Farbton	0 Grad
- Fahrmodus:** A row of four buttons: TANK-ANTRIEB, ARCADE LINKS, RECHTS-ARCADE, and ARCADE GETEILT.
- Port 2 and Port 3:** A central control panel with buttons for LED-AUTO, MOTOR, RESET-TIMER, and ELEKTROMAGNET, and a timer display showing 00:00.0.
- Port 2 and Port 3 Controls:** Two sets of directional pad icons with green up/down arrows and red left/right arrows.

# Fernsteuermodus für den Code Base Roboter



Fahmodus

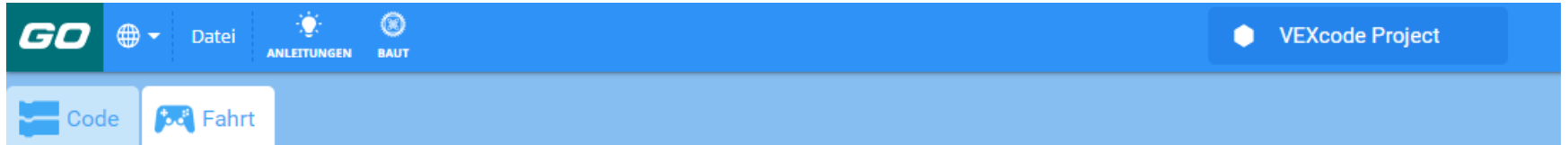
TANK-ANTRIEB    ARCADE LINKS    RECHTS ARCADE    ARCADE GETEILT

Port 2	Timer	Port 3
LED-AUTO	RESET-TIMER	ELEKTROMAGNET
MOTOR	00:00.0	MOTOR
	TIMER STARTEN	

Port 2: ↑ (green), ↓ (red)

Port 3: ↑ (green), ↓ (red)

# Wähle die “Fahrt” Karte



# Fahrmodus

The screenshot displays the VEXcode Project interface for a VEX GO robot. The top navigation bar includes 'GO', 'Datei', 'ANLEITUNGEN', 'BAU', 'VEXcode Project', and control buttons for 'BRAIN', 'START', 'SCHREIB', 'STOPP', 'TEILEN', and 'RÜCKMELDUNG'. Below the navigation bar, there are tabs for 'Code' and 'Fahrt'. The main workspace is divided into four data panels: 'Brain', 'Fahrwerk', 'LED-Auto', and 'Eye-Sensor'. The 'Fahrmodus' section is highlighted with a red box and contains four buttons: 'TANK-ANTRIEB', 'ARCADE LINKS', 'RECHTS ARCADE', and 'ARCADE GETEILT'. Below this, there are three control panels for 'Port 2', 'Timer', and 'Port 3'. The 'Port 2' panel has 'LED-AUTO' and 'MOTOR' buttons. The 'Timer' panel has 'RESET-TIMER' and 'TIMER STARTEN' buttons, with a digital display showing '00:00.0'. The 'Port 3' panel has 'ELEKTROMAGNET' and 'MOTOR' buttons. At the bottom, there are two joystick-like controls for 'Port 2' and 'Port 3', each with a green up arrow and a red down arrow.

Brain	
Batterie	
X-Beschleunigung	0.03 G
Y-Beschleunigung	0.04 G
Z-Beschleunigung	-0.98 G

Fahrwerk	
Geschwindigkeit	0 %
Richtung	0 Grad
Drehung	0 Grad

LED-Auto	
Gedrückt?	FALSCH

Eye-Sensor	
Objekt gefunden?	WAHR
Rot erkannt?	FALSCH
Blau erkannt?	FALSCH
Grün erkannt?	FALSCH
Helligkeit	100 %
Farbton	49 Grad

**Fahrmodus**

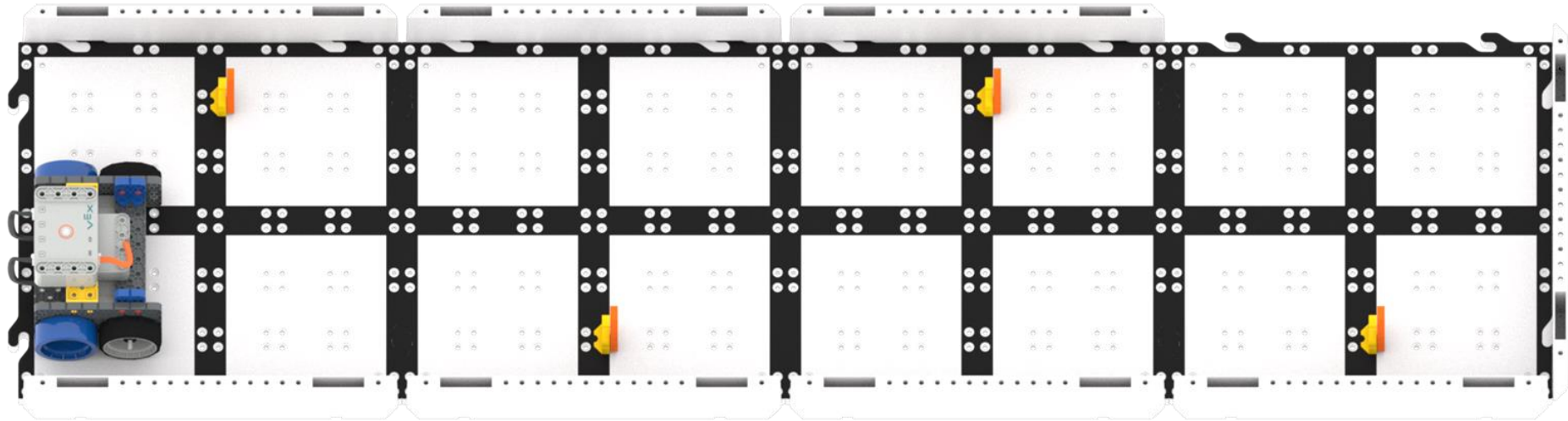
TANK-ANTRIEB    ARCADE LINKS    RECHTS ARCADE    ARCADE GETEILT

Port 2	Timer	Port 3
LED-AUTO	RESET-TIMER	ELEKTROMAGNET
MOTOR	00:00.0	MOTOR
	TIMER STARTEN	

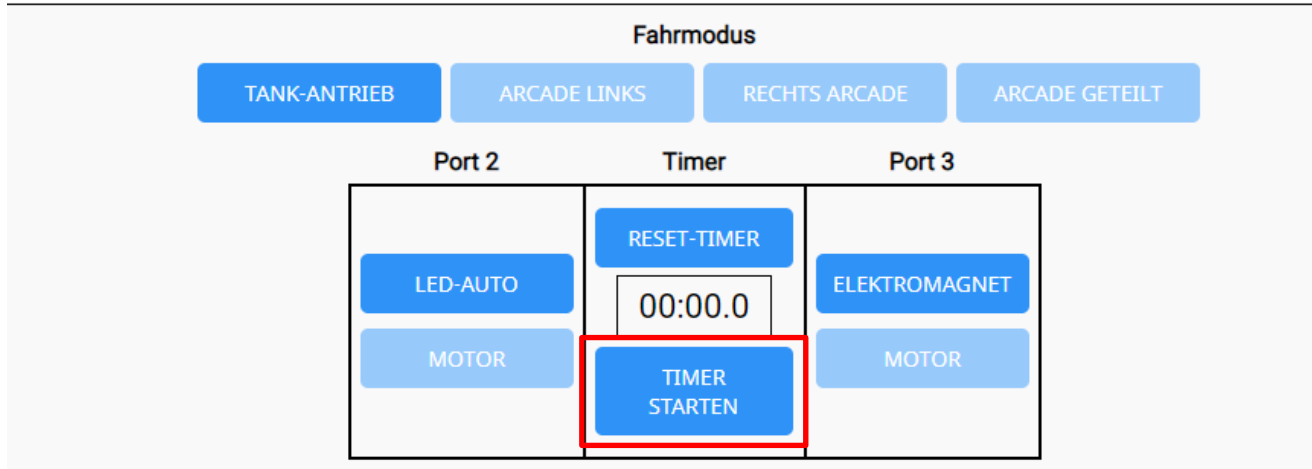
Port 2:

Port 3:

# Slalomkurs Aufbau



# Timer starten





# Timer stoppen

