



CroAdriatic Team

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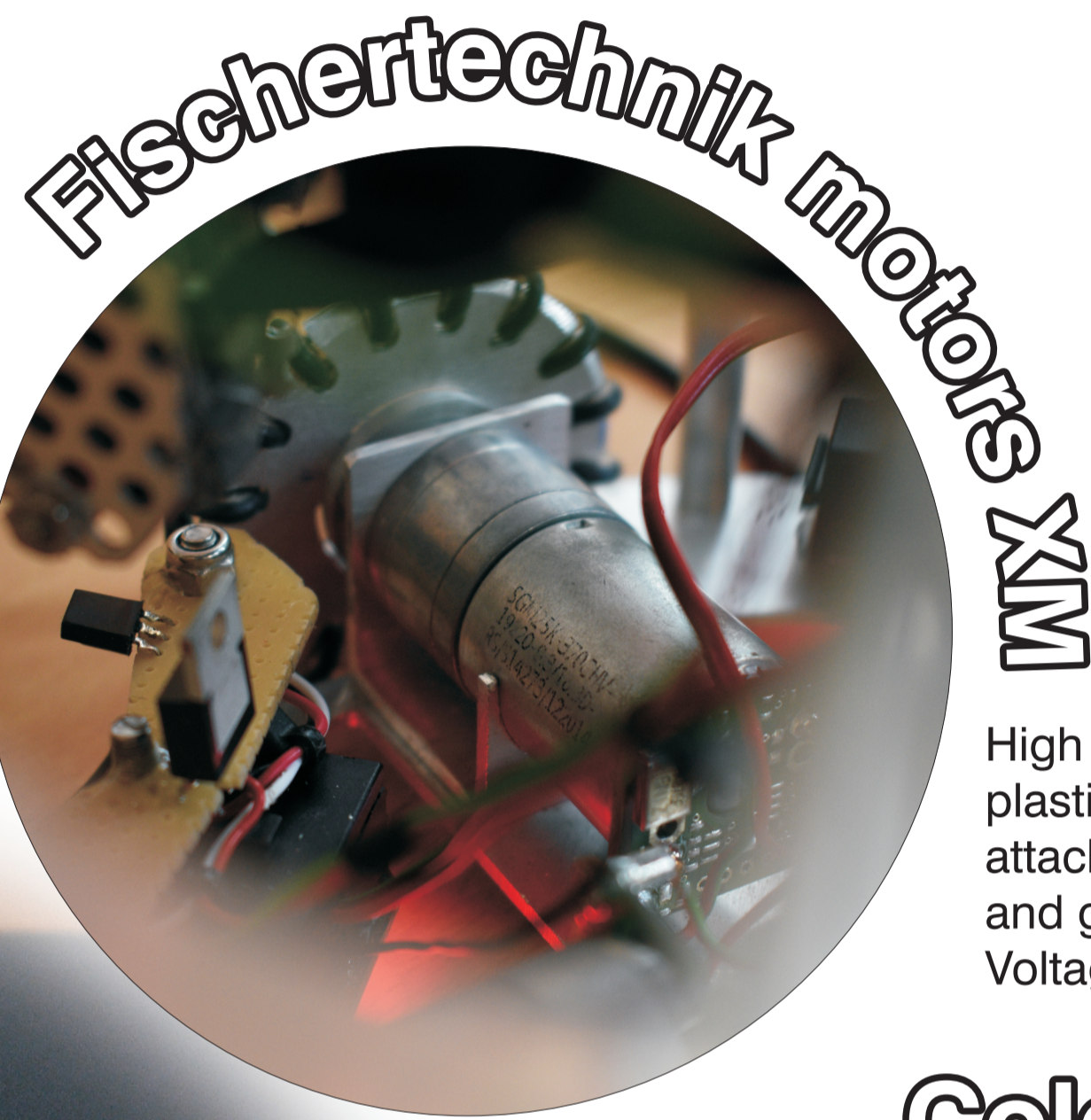


Program

- Program was made in RoboPro
- It contains 25 subprograms

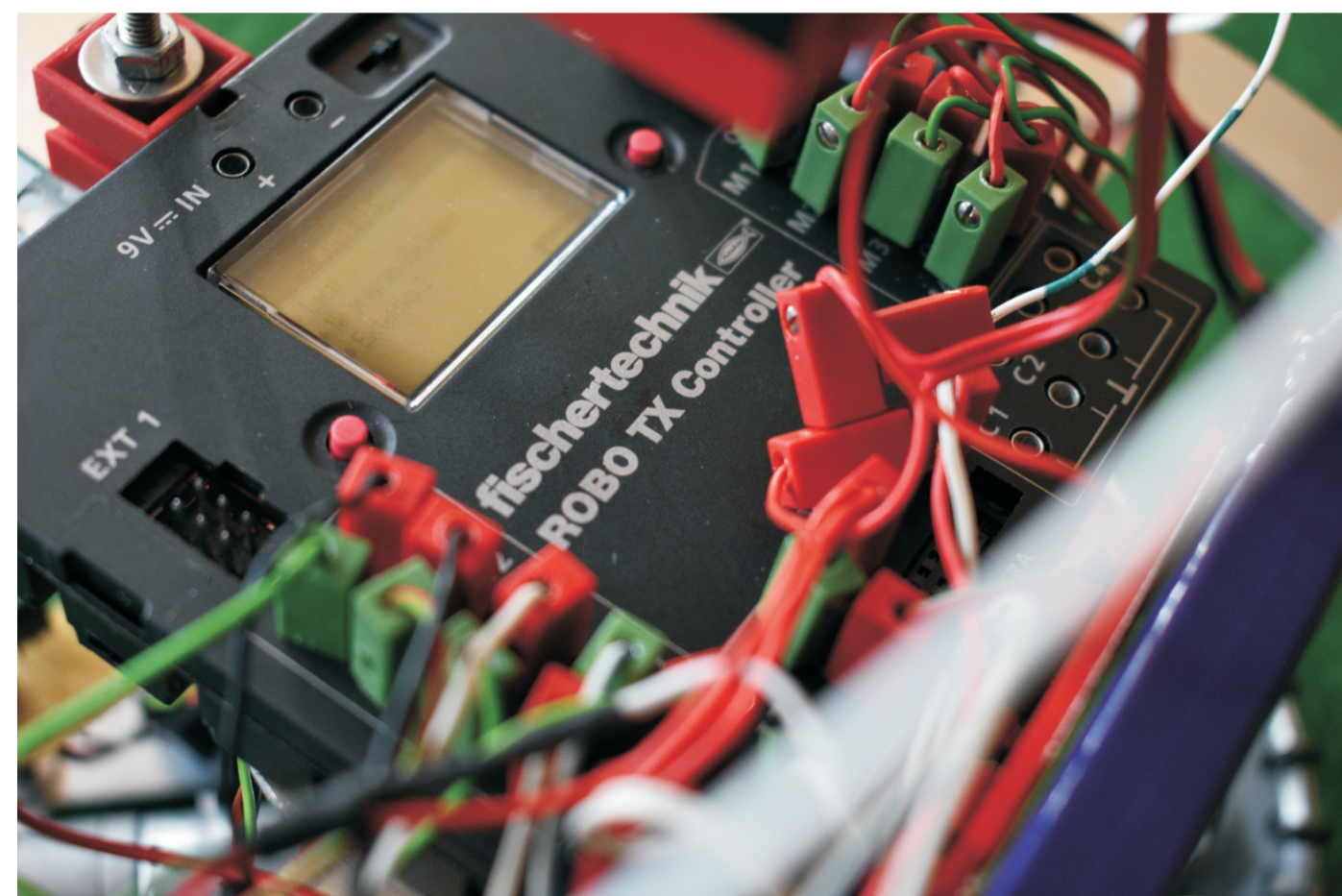
Construction

- Robot is made of aluminium.
- The brackets of the second level of the robots are made from aircraft grade aluminium to minimize the weight of the robot

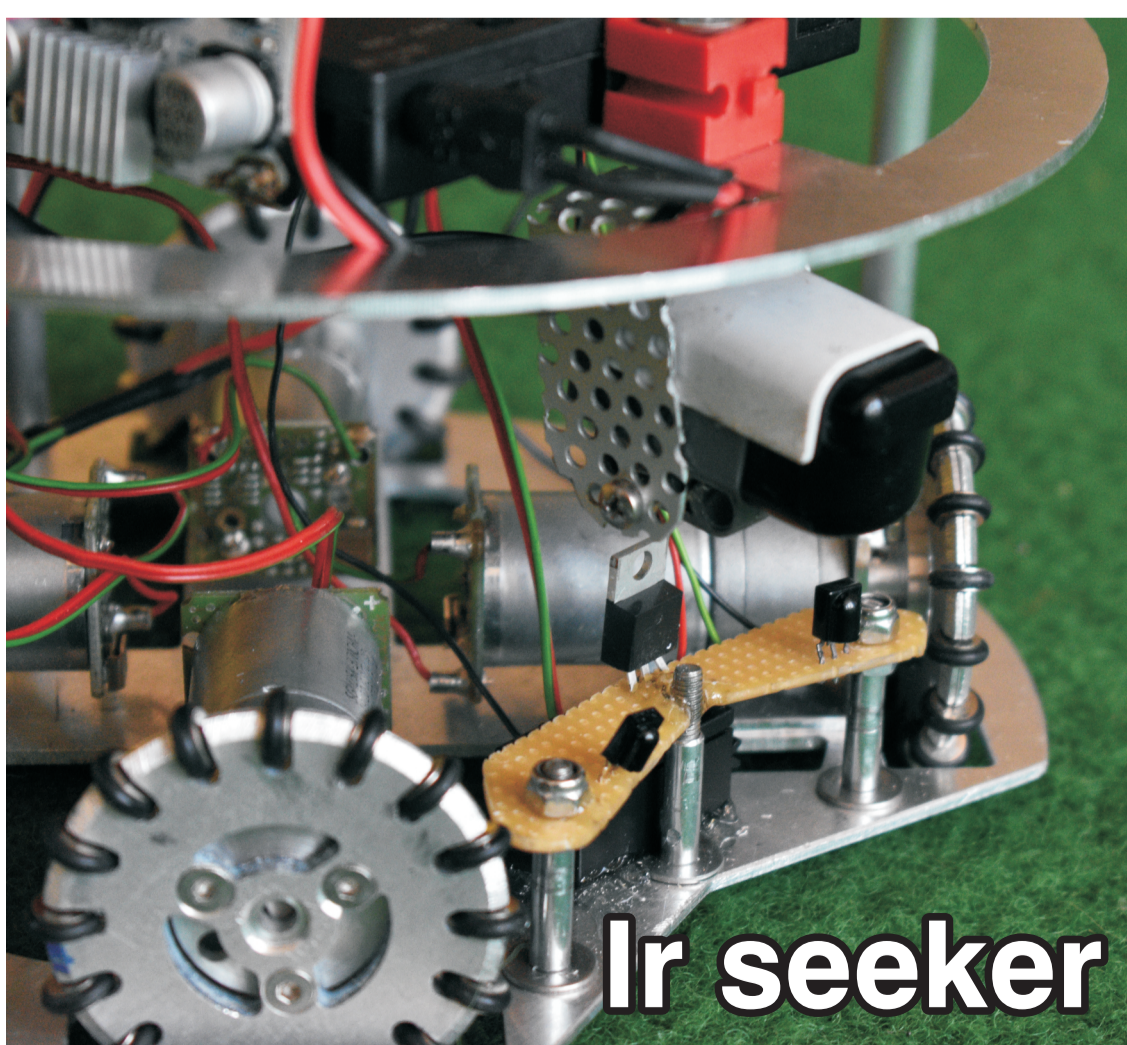


Fischertechnik motors XM
High performance geared motor in compact plastic casing with numerous possibilities for attachments. With many toothed gears, axles and gearbox parts.
Voltage 9 V, max.output 3.0,W about 340 RPM

Fischertechnik TX controller

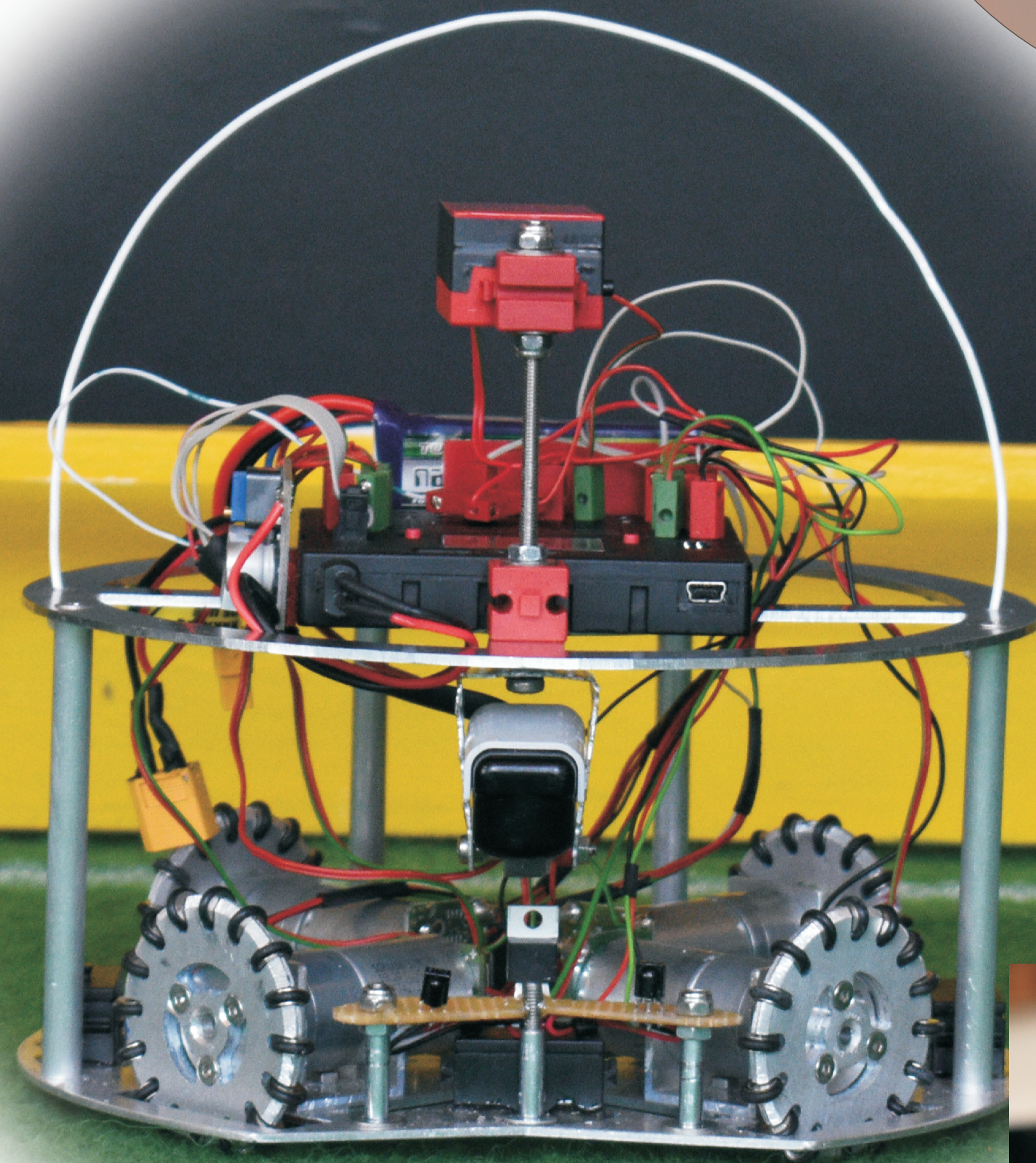


Fischertechnik Robo TX controller has a high performance, 200 megahertz, 32-bit processor, Blue interface display and extremely compact housing (90x90x15 millimeters) with practical fishertechnik grooves. The eight inputs are suitable for analog and digital connections.

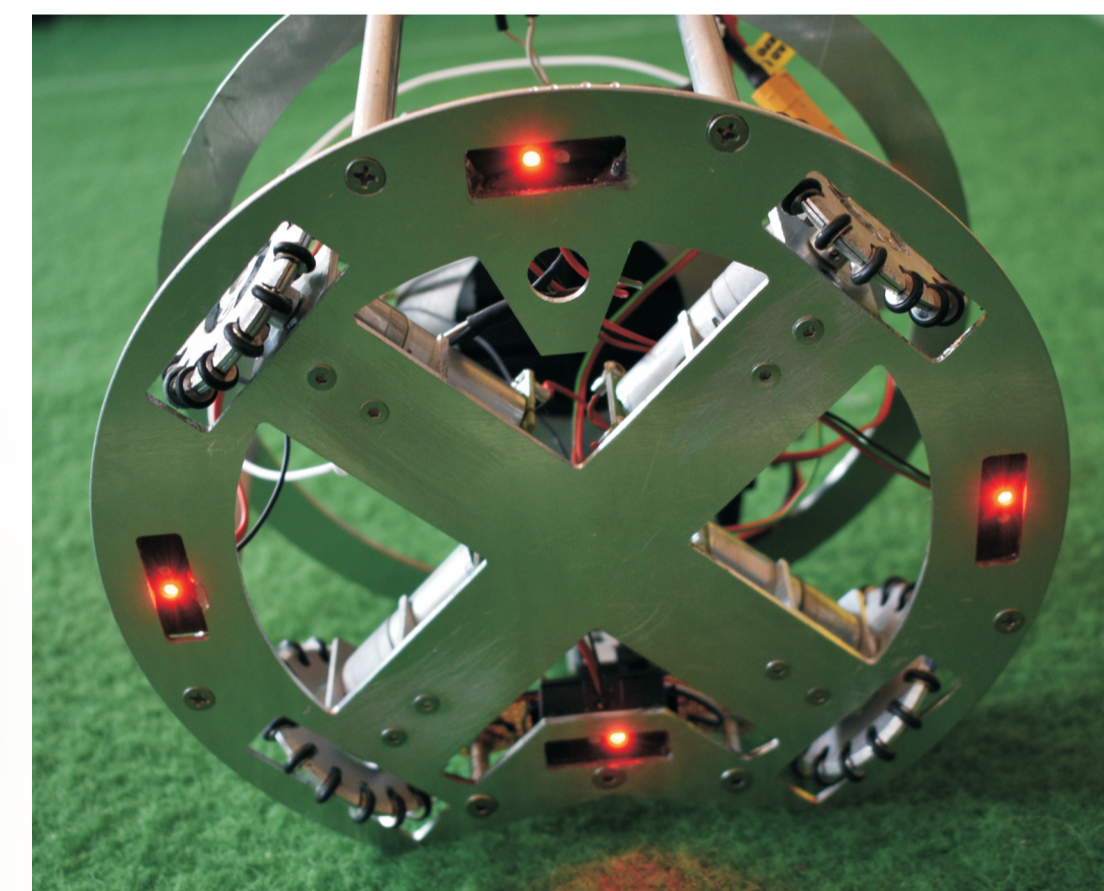


Ir seeker

Infrared detector
Specially designed curved lens and nine internal detectors

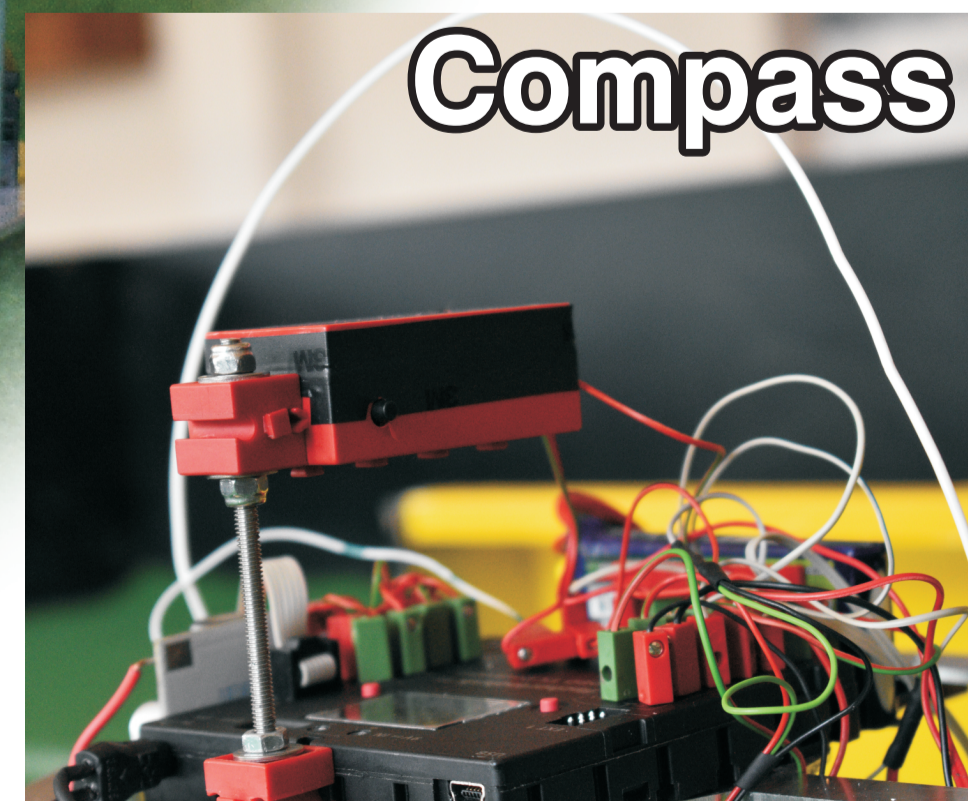


Color sensors



Analog sensors 0-9 V
The quantity of the reflected light is measured by the phototransistors.

Compass



Compass is made of Arduino compass which is modified for Fischertechnik TX controller so it can give impulses from 0 to 4999. In this way we obtain the exact angle at which the robot is located.

SPONSORS

