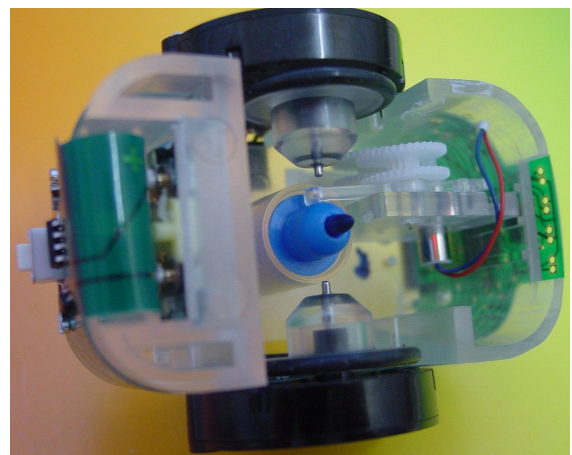
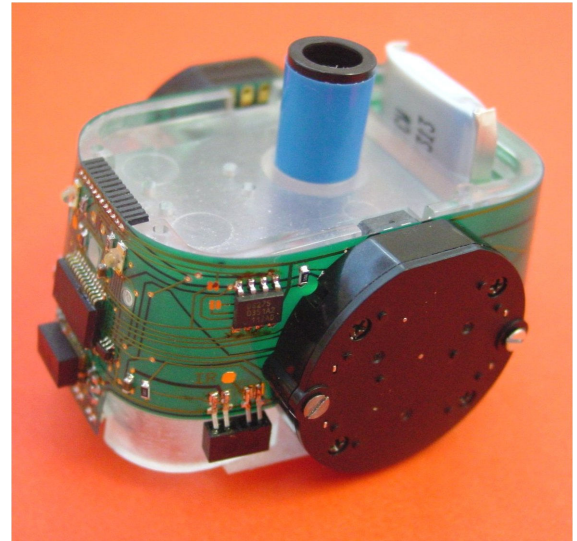


## DidelBot: a robot for fun and education Learn how to program in different languages

**DidelBot is a good-looking, cute little robot (6cm). It has both a playful and a pedagogic objective, since it can be used in several different ways.**

1. As an independent toy robot, it can avoid obstacles, draw a figure, follow a track, keep within its working area.
2. It can be controlled by infrared and leave a trace on a sheet of paper with its pen.
3. Connect it to a PC via a serial line and you can make it execute a set of functions programmed via the monitor: cover exact distances at given speeds, read the distance sensors, flash its LEDs, produce various beeps.
4. VisualC, VisualBasic or Java can be used to send order sequences leading to interesting behaviours, such as drawing figures or chasing another robot and neutralizing it with an IR gun.
5. Used with turtle LOGO, kids can easily program the robot's retractable pen to create tricky drawings.
6. Small programs can be written in assembler and downloaded directly to the PIC microcontroller, helping to understand how to low-level program flashing LEDs, drive step-by-step motors and read distance sensors. Compared with the Microchip instructions, the CALM assembler developed at the EPFL provides more clear and easy to learn ones. But the PicStart can also be used.
7. Any PIC programmer can be used to reprogram the processor according to user's idea and possible extension board added on the top of the robot.



### Features

- Size 64 x 48 x 30mm
- Weight 37g
- LiPoly accumulator 3.2-4.2V, 170 mAh,
- Charger
- Serial interface and cable
- Wood packing box

**DidelBot CHF 290.-**