



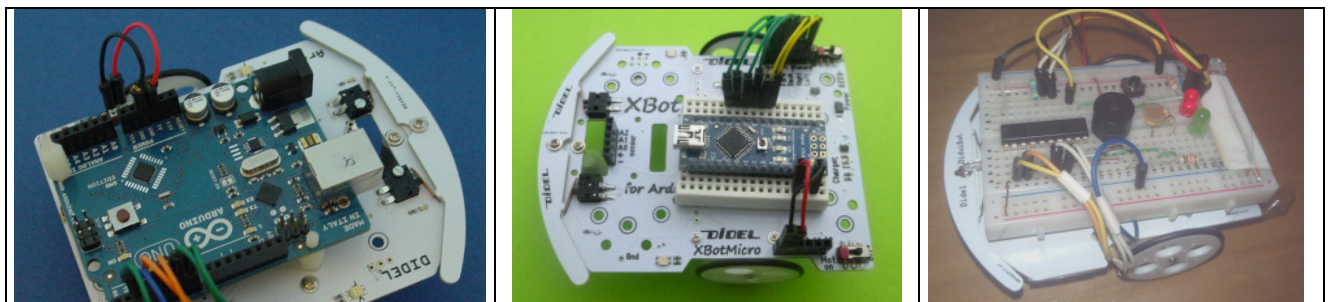
Xbot-ARF almost ready to "fly" robot

Xbot is a cute robot platform ready for endless experiments with your familiar board.. Just some easy soldering and assembling that saves on the packing and shipping costs. You get the Xbot-Arf in a simple 100g envelope, priority mail, no custom problem.

If you have been interested in model planes, you know what ARF means: Almost Ready to Fly – just need a final assembly. This is what Didel propose with the Xbot-Arf. 7 screws and its done. And we provide the screw driver. Just need 2 pins to help!



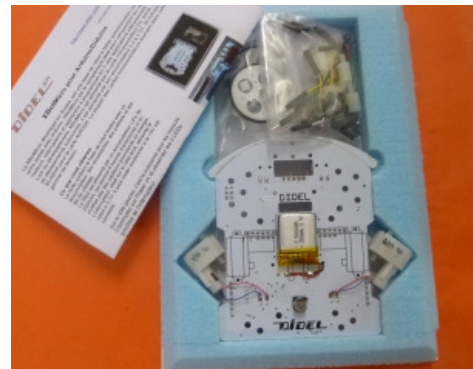
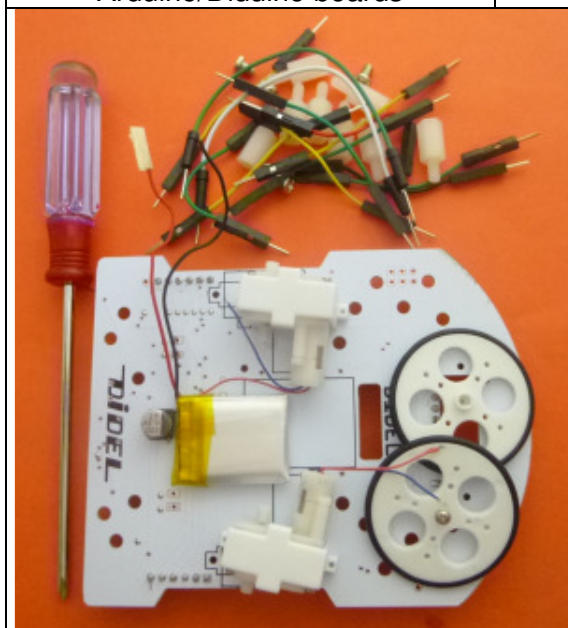
Put your preferred microcontroller board on top, 3.5V compatible, add 10 wires, and the robot can run for 1 hour with the 240 mAh Lipo recharged while programming.



Spacers included for Arduino/Diduino boards

Use any microcontroller with 8 I/O to control the motors (drivers on board) and whiskers.

55 USD 50 €



What you get :

- Fully equipped and tested board with
- 240 mAh protected Lipo and charger
- motor drivers and motor control leds
- loudspeaker with transistor
- whiskers with leds
- on/off and motor power switches

6 screws to fix - detailed instruction on www.didel.com/xbot/XbotArfAssembly.pdf

Programming

Program your way with your preferred language. But have a look to our multitask programming paradigm **LibX**. A complete "library" written in C to handle the easiest way the sensors around the robot. We have the easy to connect sensors too, perfect for education.

Links to our doc in english <https://www.didel.com/xbot/XbotE.html>

Liens à notre doc en français <https://www.didel.com/xbot/Xbot.html>

The XbotMicro is available from several distributors for the recommended price of 55 CHF.

Diduibot for education includes a Diduino and components. See all our educational products.

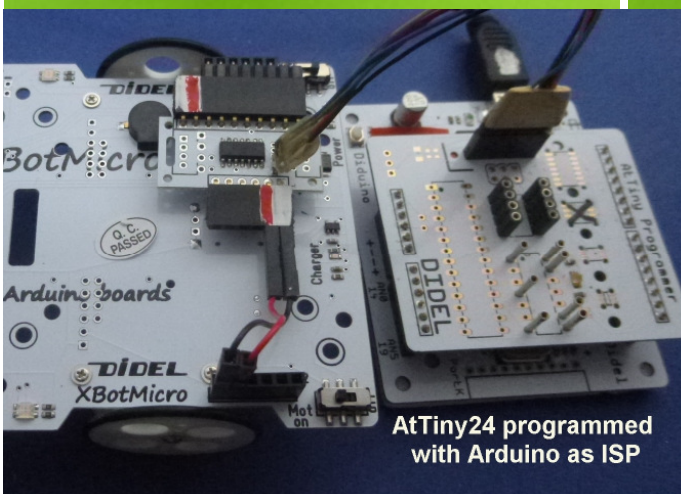
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info@didel.com

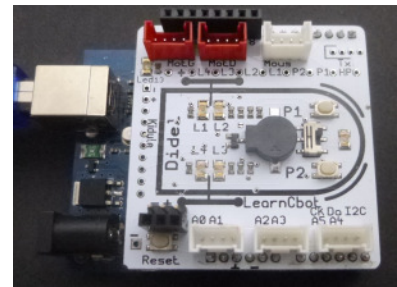



Gallery



Microcontroller course (in French)
<https://www.coursera.org/course/microcontroleurs>
 Hands-on with the LearnCbot.
www.didel.com/lc/LearnC.pdf

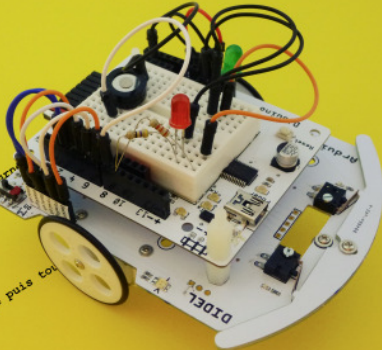
Also for Education
 The Diduibot, the Kidules **New feb 2018: the Edu-C**





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Diduiboat

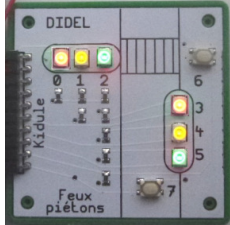


Le kit contient:
 Une carte **Diduino** (compatible Arduino) avec ses composants et son bloc d'expérimentation.
 Et un kit **XBotMicro** qui contient:
 1 châssis assemblé
 2 roues
 2 moteurs
 1 accumulateur
 2 moustaches
 6 leds
 8 fils à connecter
 4 vis M3
 8 potelets de 10mm

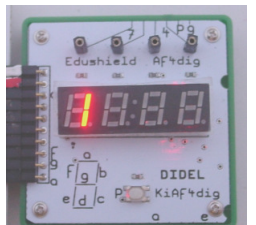
```

alt
OUTPUT;
// (Mouse, HIGH); // pull-up
// (Mouse, HIGH);
// Obad |dig|talread (Mouse)
// Obag |dig|talread (Mouse)
// "EvttoFonc.h"
// loop()
// avance ();
// if (Obad) //on recule puis tou
// {
//   Recule ();
//   delay (500);
//   Tournead ();
//   delay (200);
// }
// if (Obag) //on recule puis tou
// {
//   Recule ();
//   delay (500);
//   Tourneag ();
//   delay (200);
// }

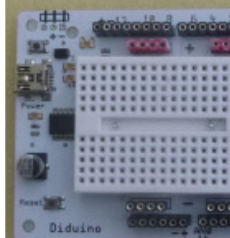
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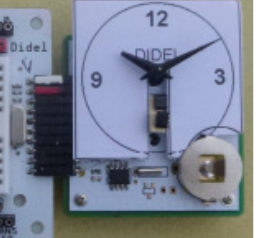
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Diduino



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12
3
9

Xbot sensors – supported by LibX realtime library

