

Driving Your Car-Bot

In order to use the robot, you will need to learn how to command it!
Here are your instructions:

TO MAKE A NEW PROGRAM	TO EDIT A PROGRAM	TO SAVE A PROGRAM
1) Press the APPS key 2) Choose the application "TiRobot" 3) Choose "1: New Program"	1) Choose "2: Edit Program" 2) Use arrows to locate the command 3) Change the command Press the Enter key	1) You CANNOT save your program! 2) You can edit your program, but as soon as you change it the changes are permanent! 3) WRITE DOWN YOUR COMMANDS to see what you've done in the past.

You will then be asked for your 1st command (CMND). All commands will need to be entered as a 3-digit number.

1st Command = 1 2 2



The first number gives the type of command you want.

- 1 – Move for a certain amount of time
- 2 – Move until the front bumper hits something
- 3 – Move for a certain time unless the front bumper hits something first

The second number tells the left wheel what to do

- 0 – Rotate Backwards
- 1 – No Motion
- 2 – Rotate Forwards

The third number tells the right wheel what to do

- 0 – Rotate Backwards
- 1 – No Motion
- 2 – Rotate Forwards

Test yourself! What will your robot do?

- A) 100 B) 222 C) 102 D) 221

- 1) After you type in your command you will need to push ENTER
- 2) Choose a **Time** in centiseconds (100 = 1 second, 200 = 2 sec, 300 = 3 sec.)
- 3) After entering all commands press the MODE button to return to the main Menu.
- 4) Place the robot on the floor and select "3: "Run Program"

CONGRATULATIONS!
YOU KNOW HOW TO DRIVE YOUR CAR-BOT!