ArduinoRobot instructions

1. Can only use the same kind of nickel metal hydride rechargeable batteries, because our management circuit and the corresponding chip for nickel metal hydride rechargeable management, other types of batteries may cause damage to ArduinoRobot. Pay attention to the battery positive and negative polarity. General AA alkaline or acid battery can be used, but can not be recharge.
2. Must turn ON the power switch before connect USB cable ArduinoRobot and computer. Our computer USB port voltage of 5 v, rated current is 500 MHA, after ArduinoRobot insert the USB, if only use USB power supply, may be because ArduinoRobot double-layer plate load lead to the power supply is insufficient, download the program failed! So when we download the program must open the power switch, so use USB and battery power, guarantee the stability of the download.
3. Our ArduinoRobot use a new compass chip, please refer to the wiki update the code library. Arduino official use of the old version of the compass chip, we adopted the new digital compass chip HMC5883 which have three axis, and write the corresponding compass library, and ensure that the compass function interface and Arduino official uniform, and optimized. So please go to our wiki download Compass library, and then overwrite the original official Arduino Compass.h and Compass.cpp files.
4. Another Arduino officially part of the sample program example, there is a small Bug, we conducted the corresponding interpretation and change, see our wiki data link, link is as follows:

http://duinopeak.com/wiki/index.php?title=Arduino\_Robot