

Innovation First, Inc.

C-BOT Software Installation Guide

Install software in this order:

- 1. Install MPLAB IDE** (Select Open on Run --
this will take a few
minutes to read from the CD)
- 2. Install MPLAB C18**
- 3. Install Innovation First Loader**

Reference Materials

- Innovation First Instructions*
- MPLAB IDE User's Guide*
- PIC18Fxx20 Data Sheet*
- MPLAB C18 Getting Started*
- MPLAB C18 User's Guide*
- MPLAB C18 Libraries*



1. Begin the installation

a. Check PC System Requirements

i. Hardware:

1. Pentium class processor
2. 32MB RAM (128MB recommended)
3. 85MB of free hard-disk space

ii. Supported Operating Systems:

1. Windows 98 SE
2. Windows ME (Microchip MPLAB only; IFI Loader will not work on ME)
3. Windows NT 4.0 SP6a Workstations (NOT Servers)
4. Windows 2000 SP2 or higher
5. Windows XP Home and Professional

b. Uninstall old versions of MPLAB, C18 and the IFI Loader. Reboot your PC.

c. Insert the C-BOT CD into PC's CD-ROM drive.

d. Setup should automatically run, but if not:

- i. Click on the "Start" menu and select "Run".
- ii. Click "Browse...", find and execute Setup.exe (on the CDROM)

e. Click on "Install MPLAB IDE" in the interface.



2. Install MPLAB IDE v7.2

a. Click on "Open" in the File Download box



b. Read the recommendations then click "Next >".

- c. Select “I Agree” and click “Next >”.



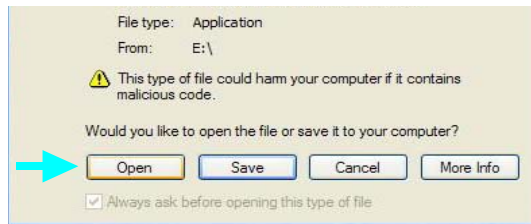
- d. Click “Next >” 2 more times then accept another agreement then click “Next>” again.
e. Wait for installation to finish and progress bar to disappear.
f. NOTE: If you have previously installed MPLAB IDE on your computer, you might see two messages titled “Update Tool Path”. If so you should click “Yes” for both messages.
g. Select “No” 4 times to skip the README files.
h. Click “Finish”.
i. Close the MPLAB IDE Document Viewer.
j. If a window appears asking you to reboot, click “Cancel” and do not reboot yet.
k. Now, you should be back on the main installation window.

3. Install MPLAB C18

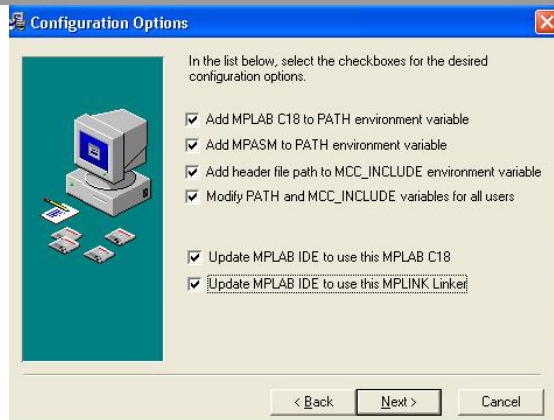
- a. Click on “Install MPLAB C18” in the interface.



- b. Click on “Open” in the File Download box.



- c. Click “Next >” .
d. Select I Agree then click “Next>”.
e. Click “Next >” 3 more times.
f. Check the 6 boxes on the “Configuration Options” screen then click “Next >”



- g. Click “Next >” to install.
- h. Click “Finish >”
- i. If a window appears asking you to reboot, click “Cancel” and do not reboot yet.

4. Install IFI Loader

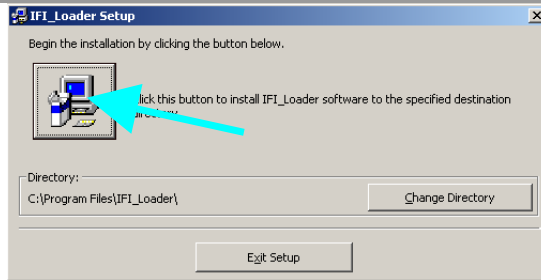
- a. Click on “Install Innovation First Loader”.



- b. Click on “Open” in the File Download box.



- c. Click “Ok” in the IFI_Loader Setup box
- d. Click on the large button in the upper left corner with a picture of a computer.



- e. Click “Continue” (If you see a “Version Conflict” dialog appear, click on the option button that refers to the recommendation).
- f. Click “OK”.

5. Close all applications then reboot your PC.

NOTE: For instructions on using the installed software to program your IFI Robot Controller, please refer to the current [Programming Reference Guide](#) available from www.InnovationFirst.com.