

# How to program a PIC16F87x or PIC18F452

For the MIDibox project it is **not** required to purchase an expensive, “ready-made” programmer in order to get the firmware into the PIC.

Instead you could buy a pre-programmed PIC from SmashTV or Mike, you could ask in the [MIDibox Forum](#) for help, or you could build a PIC programmer by yourself. There are many schematics available on the web. The [MBHP\\_BURNER](#) module is one of such DIY programmers, and it works reliable.



explain the term **programming**, because it could be confusing for non-technicians

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