DIY Common Tools for Electronics

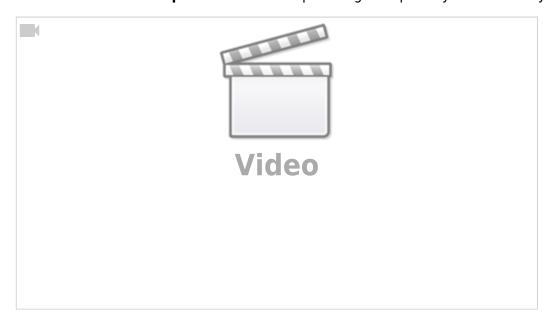
You will find Here a List of Common Tools Used For Electronics DIY. You don't absolutely **need** to have all of these things, but it sure helps!

Using a tool for purposes other than those for which it was designed can be just a little more difficult, or downright dangerous. Please be safe :)

General / Safety

General

- 1. Workbench Protect your house, have a proper work area
- 2. Storage Unit Put your tools and components somewhere safe
- 3. **Small Plastic Cups** Somewhere to put things temporarily. Don't leave your kit lying around.



Safety

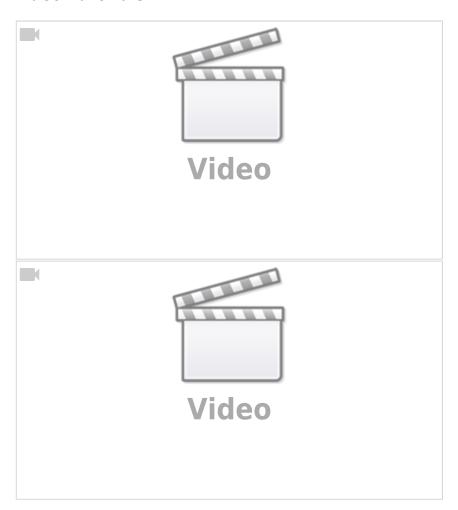
- 1. Safety Glasses Protect your sense of sight
- 2. Face mask Protect your lungs
- 3. Fire Extinguisher Don't let your soldering iron start a fire you can't put out
- 4. Fire Blanket As above
- 5. Soldering Smoke Absorber/Ventilator MMmmm, Lead smoke. Mmmmm, Cancer. Mmmm, Insanity. Mmm.... I think not.

Electrical Instruments

Multimeter - For testing circuitry Voltages, Resistors and Transistors

- 2. **Oscilloscope** For testing signals. Dual trace is better, allow signals comparison
- 3. Power Supply Regulated lab power supply . Help in getting the right Voltages inputs

Video Tutorials



Soldering

- 1. Soldering Iron or Station with Stand-Temperature controlled
- 2. **Solder** Good quality solder for good quality joints, 63/37 Eutectic
- 3. **Desoldering Pump** - For removing soldered chips
- Soldering Iron Tip Cleaner Take care of your tools
- Tinning Block for taking care of soldering iron tips
- PCB Holders Make soldering easier and cleaner

Trimming and Fastening

- Wire Strippers For stripping insulation from cabling
- Pliers Set Various Sizes and types
- Side Cutters For trimming componenet leads
- Screwdriver Set Various sizes
- Spanner Set Various sizes, including shifter spanners

- Socket Set Various sizes
- IC Puller Little tool for pulling IC's from sockets
- IC Placer Little tool for putting IC's in sockets, spreads even pressure over all the pins
- Claw One of those little pens with a three-fingered claw for grabbing loose bits from where fingers can't reach
- IDC Crimping Tool Because doing it with pliers sucks
- Electrical Tape Too many uses to list

Misc

- Mirror Little mirror on a telescopic shaft for peeking where your eyes can't reach
- Compressed Air Can For cleaning stuff by blasting off dust

From

http://www.midibox.org/dokuwiki/ - MIDIbox

Permanent link:

http://www.midibox.org/dokuwiki/doku.php?id=electronics_diy_common_tools&rev=1468856829

Last update: 2016/07/18 15:47

