**Wireless usage**

adb is usually used over USB. However, it is also possible to use over Wi-Fi, as described here.

1. Connect Android device and adb host computer to a common Wi-Fi network accessible to both. We have found that not all access points are suitable; you may need to use an access point whose firewall is configured properly to support adb.
2. Connect the device with USB cable to host.
3. Make sure adb is running in USB mode on host.

$ adb usb  
restarting in USB mode

1. Connect to the device over USB.

$ adb devices  
List of devices attached  
######## device

1. Restart host adb in tcpip mode.

$ adb tcpip 5555  
restarting in TCP mode port: 5555

1. Find out the IP address of the Android device: Settings -> About tablet -> Status -> IP address. Remember the IP address, of the form #.#.#.#.
2. Connect adb host to device:

$ adb connect #.#.#.#  
connected to #.#.#.#:5555

1. Remove USB cable from device, and confirm you can still access device:

$ adb devices  
List of devices attached  
#.#.#.#:5555 device

You're now good to go!

If the adb connection is ever lost:

1. Make sure that your host is still connected to the same Wi-Fi network your Android device is.
2. Reconnect by executing the "adb connect" step again.
3. Or if that doesn't work, reset your adb host:

adb kill-server

and then start over from the beginning.