

DiveMaster for Palm Documentation Addendum



“Citizen Hyperaqualand Interface”

DiveMaster for Palm supports direct download of information from Citizen Hyperaqualand dive watches. This document provides instructions for the physical connections required, and the download instructions within the software.

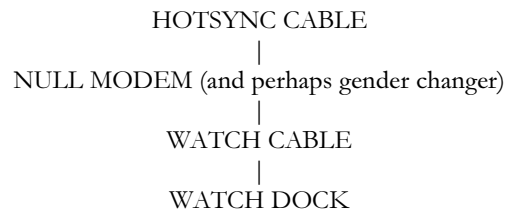
Physical Connections:

Connecting the Palm to the Citizen Hyperaqualand is simple, but will require a small adapter(s) to facilitate proper communication. Some of the parts you will need are:

- 1) Your Palm hotsync cradle or a hotsync cable (easier to travel with)
- 2) Your Hyperaqualand download cradle
- 3) The cable you use to connect the Hyperaqualand cradle to your PC normally.

The idea is to connect the hotsync cable to the Hyperaqualand cable/cradle. You may think that a simple "gender changer" will be enough, but this is NOT the case. You will need something called a NULL MODEM, which looks the same, but actually has a couple of wires crossed inside and makes the whole setup work. You can get one of these from Radio shack or almost any decent computer store for a couple of dollars. You may find that a gender changer is also necessary to make the physical connection possible, but if you find a null modem adapter with built-in gender change, that's even better.

So the final connection is:



It's really a lot simpler and cleaner than it might seem. The Palm connects to one end, and the watch to the other.

To make shopping easier, we have the part numbers of the Radio Shack brand null modem and gender changer that will work. As mentioned before, though, you can get these things at most computer shops, probably for even cheaper:

NULL MODEM: Radio Shack part # 26-264 (9 pin M to 9 pin F)

GENDER CHANGER: Radio Shack part # 26-280 (9 pin M to 9 pin M)

Each of these shouldn't be more than a few dollars.

Software Procedure:

The actual download procedure is much like on a PC: set the watch to TR mode, put it in the watch cradle. Now on the Palm, **navigate to the dive that you want the watch data to download into**. Then tap the menu button and in the menu choose "Watch" and follow the directions. The download fills in the following data:

Date, Time in, Bottom time, Avg/Max depth, and Temp. at Depth.

(NOTE: Profile data is not downloaded in this version. Future updates will add this functionality)