

Setup for Lolo against PDA's

1. Overview sockets

- **Ipaq 36xx**
- **Ipaq – the rest**

2. 9-pin D-sub pinout

- **Null modem cable**
- **From Lolo**
- **Make a direct-cable**

Oveview sockets

Ipaq 36xx-series



Pin	Name	Details
1	V_ADP	AC adapter power in
2	V_ADP	AC adapter power in
3	DTR	RS-232 Data Terminal Ready
4	GND	Power ground
5	CTS	RS-232 Clear To Send
6	RTS	RS-232 Request To Send
7	TXD	RS-232 Transmit Data (from the SA-1110)
8	RXD	RS-232 Receive Data (from the SA-1110)
9	DCD	RS-232 Data Carry Detect
10	GND	Power ground
11	UDC_P	USB positive data signal
12	USB_N	USB negative data signal

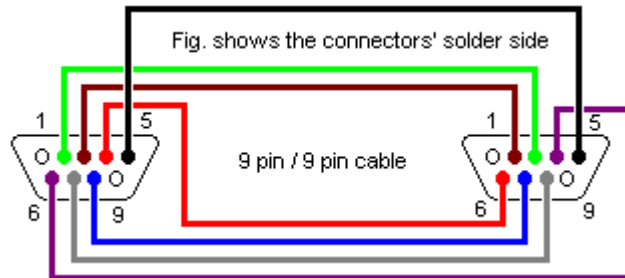
Ipaq 37xx and newer



Pin	Name	Details
1	V_ADP	AC adapter power in
2	V_ADP	AC adapter power in
3	V_ADP	AC adapter power in
4	V_ADP	AC adapter power in
5	Reserved	
6	DCD	RS-232 Data Carry Detect
7	RXD	RS-232 Receive Data (from the SA-1110)
8	TXD	RS-232 Transmit Data (from the SA-1110)
9	DTR	RS-232 Data Terminal Ready
10	GND	Power ground
11	DSR	RS-232 Data set Ready
12	RTS	RS-232 Request To Send
13	CTS	RS-232 Clear To Send
14	RI	RS-232 Ring
15	GND	Power ground
16	No Connect	Do Not Use
17	USB Detect	+ 5 Volt
18	No Connect	Do Not Use
19	USB +	USB positive data signal
20	No Connect	Do Not Use
21	USB -	USB negative data signal
22	GND	Power ground

Pinout

Null modem cable (x-over)



9-Sub-D-male

9-Sub-D-male

Pin 2: RxD Receive Data to Pin 3: TxD Transmit Data
Pin 3: TxD Transmit Data to Pin 2: RxD Receive Data
Pin 4: DTR Data Terminal Ready to Pin 6: DSR Data Set Ready
Pin 6: DSR Data Set Ready to Pin 4: DTR Data Terminal Ready
Pin 7: RTS Request To Send to Pin 8: CTS Clear To Send
Pin 8: CTS Clear To Send to Pin 7: RTS Request To Send
Pin 5: Gnd to Pin 5: Gnd

All other pins are not connected

For LoLo you just have to connect RxD, TxD and GND (for using null model cabel in both directions)

From Lolo

The signal from the Lolo is :
Red wire – Signal out (TxD)
Black wire – Ground (Gnd)

Make a direct-cable

If you want to make a cable with no D-sub involved, cut of the D-sub plug on your sync-cable and use an ohm-meter to find out which of the coloured wires on your sync-cable from your PDA that carries the RxD and the ground signal.

Solder the two cables to the red and black wire from the Lolo – RxD to the **red** wire, and ground to the **black** wire.

PS !! Always use heat-shrinking tube to prevent short-circuit.