Power and Speaker
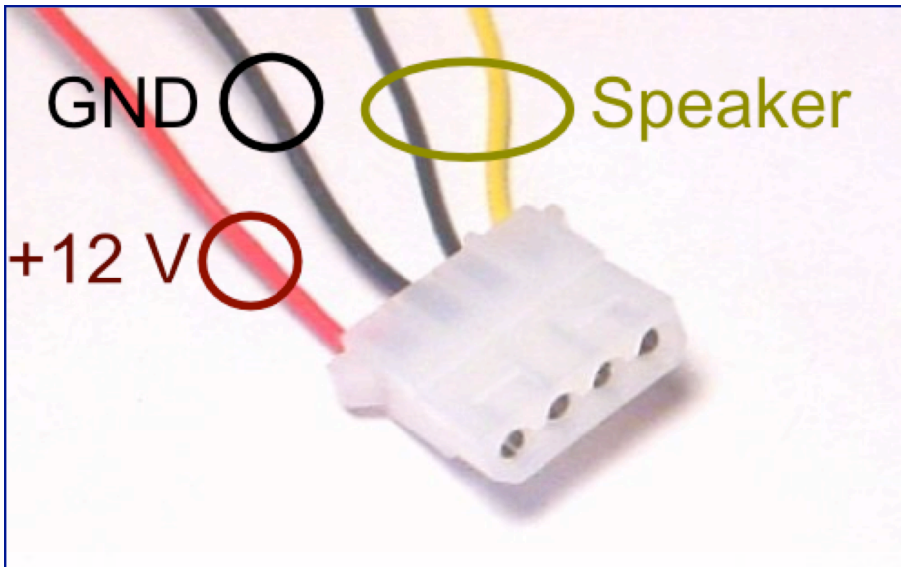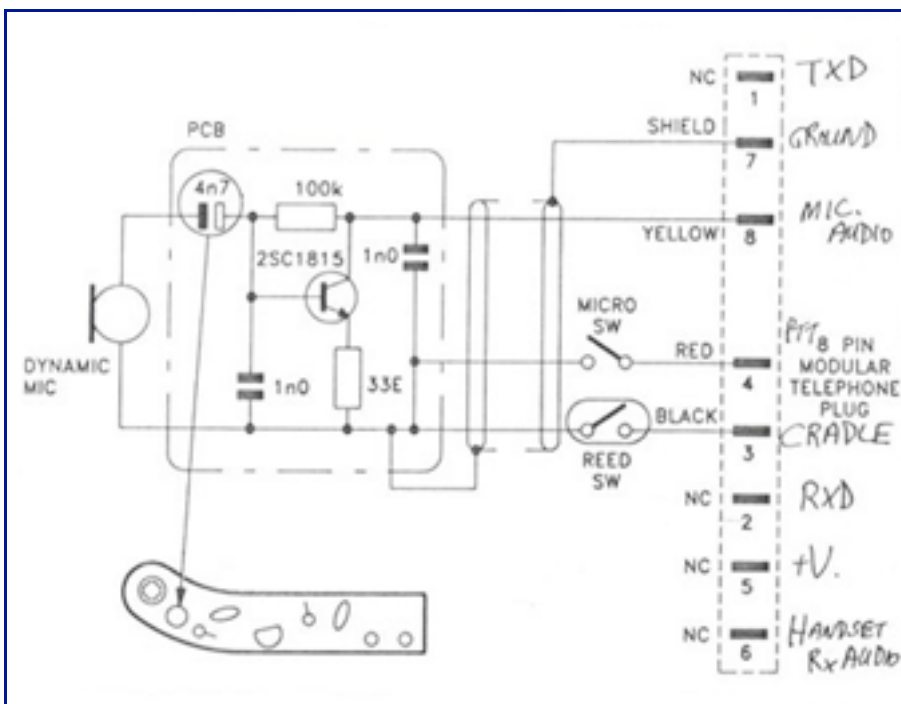

The power in 13,8V and the connections of the loudspeakers are made through a Molex plug. It is the same type of plug as for the power plug of IDE CD drives and IDE hardrives in a compatible PC, thus, if the original cable were to be missing, it si possible to get one on an old power supply of a PC.

Mike

The front face have a unique RJ45 plug designed for the mike. This plus is commonly used in computer networks.Outside of the signal of the microphone and the PTT, a power box is designed for an accessory. It should be noted that the original microphone has a transistor for pre-amplification. The pin for the signal « mike hang up » is derouted for the command of a frequency of 1750 Hz (see modification lower).

Accesories DB15

A DB15 connector for the accessories is also found on the back face, it is used to generate the 1750 Hz, and

the connection to a computer. The pins for this plug are the following :

Pin Nb	Description
1	Non regulated power 13,8V
2	Regulated power 9V
3	GND
4	Mike signal
5	GND
6	Transmission audio in
7	RXD
8	Alternate (PTT)
9	Reception FM out
10	Reception audio out
11	TXD
12	Alarm in (not used)
13	Generation of the1750 Hz tone
14	Loudspeaker mute
15	Loudspeaker audio out

Internal DIL 20

On the back of the CPU board, there is a 20 pins connector going to the DB15 plug. Since the number of pins is diferents, some signals are missing on the DB15. This is the description found by F8EGQ:

Pin Nb	Description
1	Reception FM out
2	Reception audio out
3	TXD
4	Alarm in (not used)
5	Generation of the1750 Hz tone
6	Loudspeaker mute (TDA1519A pin 8)
7	Loudspeaker audio out
8	???
9	??? Mute detection ???
10	1MHz clock ???
11	RX mute output
12	System mute ???
13	Alternate (PTT)
14	RXD
15	Transmission audio in
16	GND
17	Mike signal
18	GND
19	Regulated power 9V
20	Non regulated power 13,8V