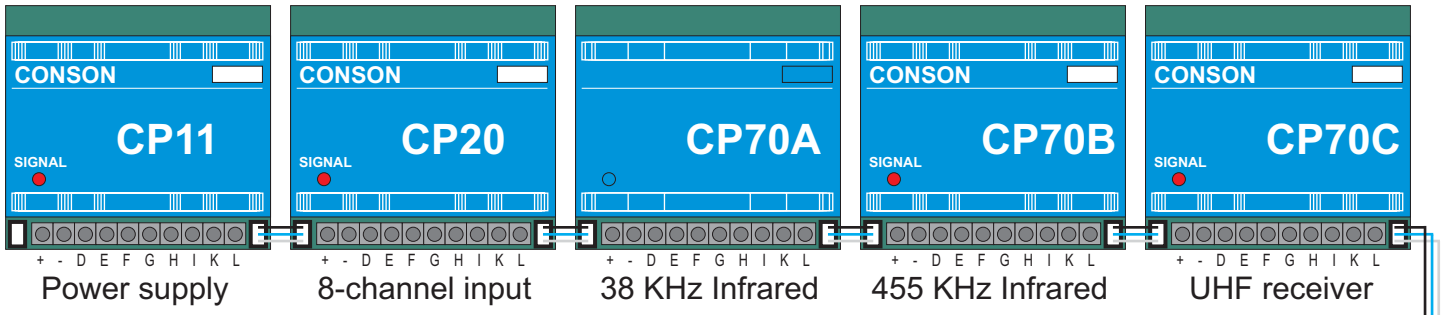
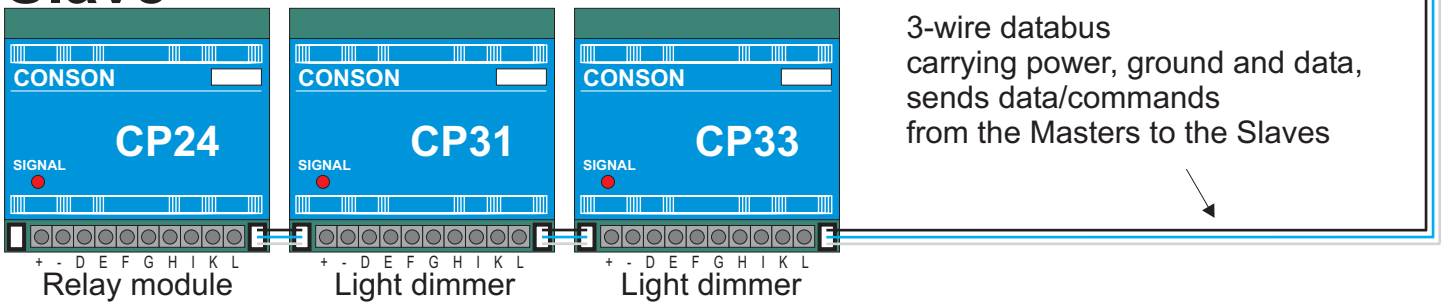
How Conson works

Masters



Slave



Please learn more by visiting
http://www.conson.dk

The Conson Light System is is a centralized system mounted on a DIN rail system.
A number of Slaves (relays or light dimmers) are controlled by a number of Masters (switches, infrared, radiowave).
Masters and Slaves are connected by a 3-wire databus.

A Master typically have 8 inputs. When an input is activated or de-activated, a command is send on the data-bus, and received by all slaves at the same time.

This command informes the Slaves, about which type of Master is sending the command, which input is being used, and whether the input is activated or de-activated.

The Slaves are programmed to react individually on one or more commands. This means that one command for example can control the light in the livingroom, and draw the curtains at the same time, while another command tells all Slaves to turn off everything.

MASTERS

CP20 is an 8-channel ground-active input module, which typically reads switches, relays, etc.
You can have up to 4 CP20's working on the same databus.

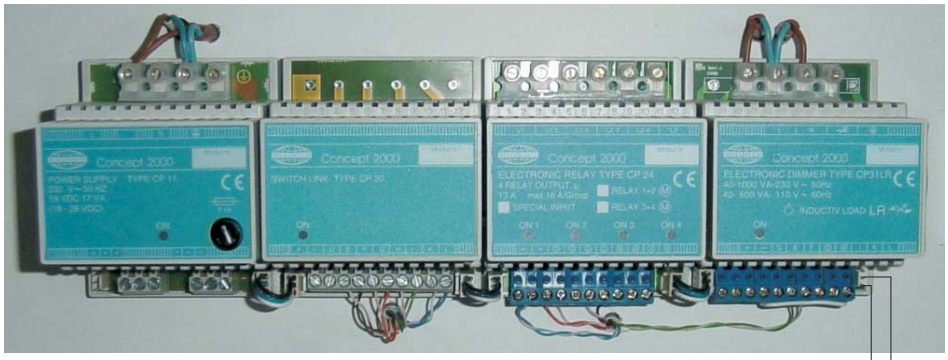
CP70A is an InfraRed receiver for a special Conson's (Siemens) infrared transmitter. Not supported.

CP70B is an InfraRed receiver for Bang&Olufsen infrared transmitter.
You can have up to 4 CP70B's working on the same databus.

CP70C is a RadioWave (40 MHz) receiver for Conson RF remote control.
You can have up to 4 CP70B's working on the same databus.

Controlling Conson

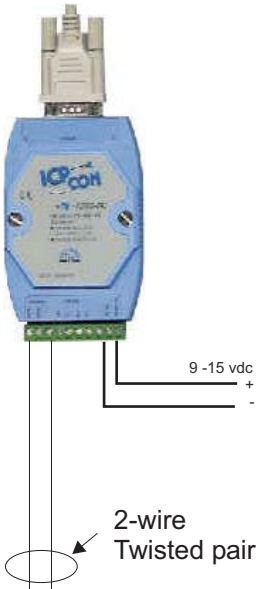
RS232 / RS485 converter
USB / RS485 converter



From software Version 1.05 you may control a Conson Light System from a PC and have two indicator groups returned for monitor purpose. (See next page for installation).

The PC is connected by an RS232/RS485 converter, and runs to the TabeleTop-product which for example is located in your livingroom.

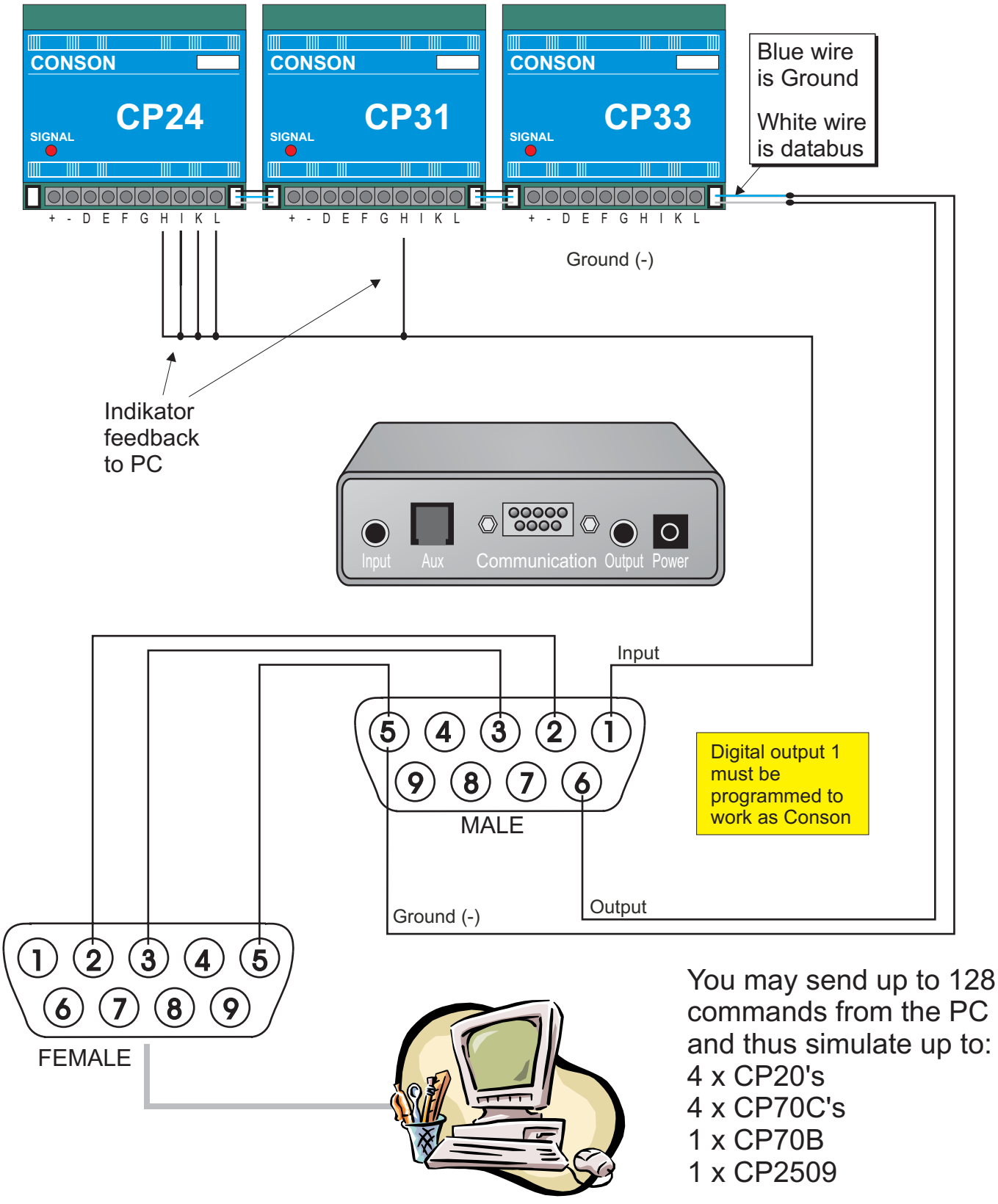
The digital Output is connected to the Conson databus. You can then send up to 128 Commands from the PC to the Conson databus or remote control in order to dim lights Up/Down and/or turn relays On/Off.



The CONSON output simulates up to:
4 x CP20's
4 x CP70C's
1 x CP70B
1 x CP2509

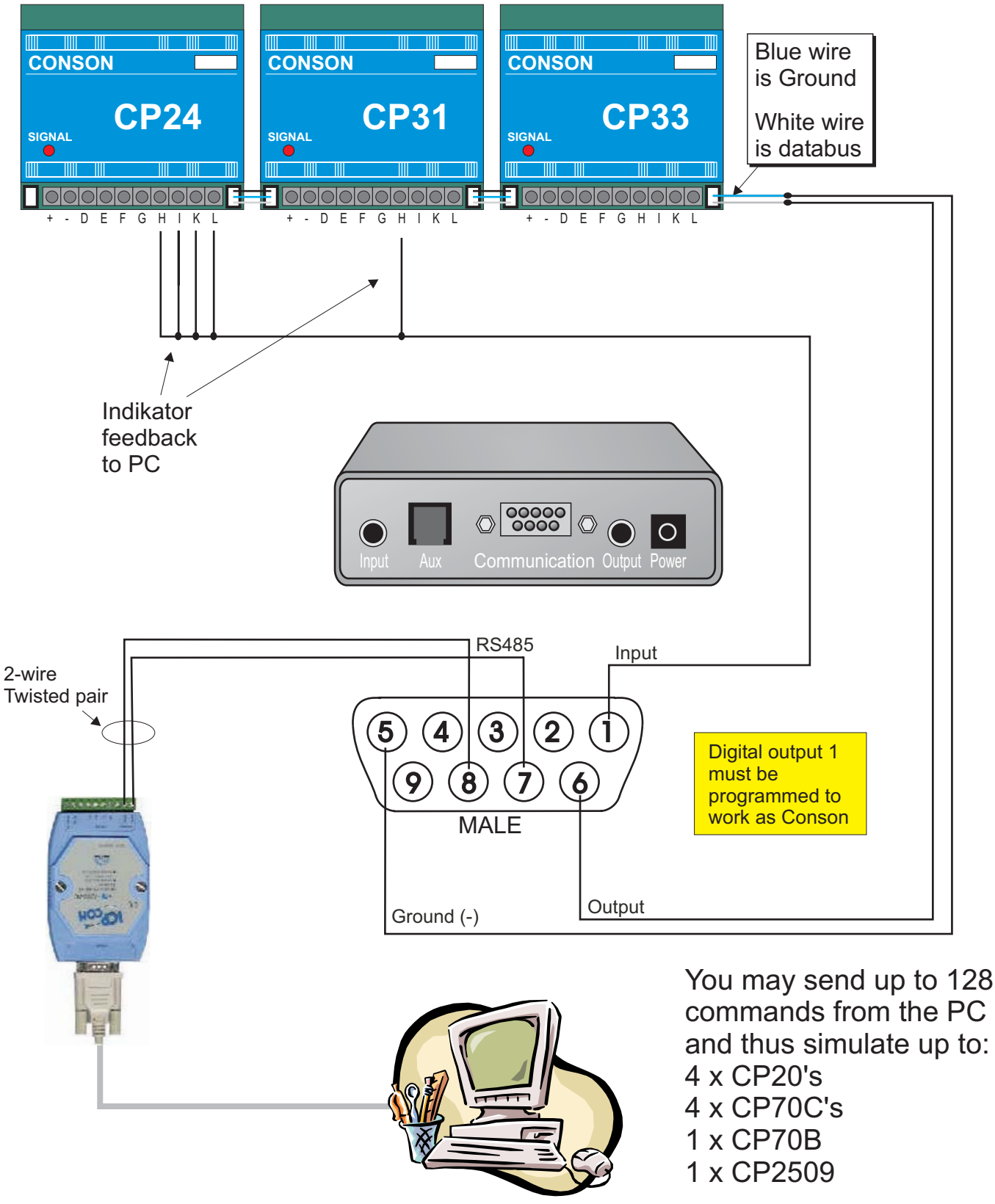
BEO4
remote control

TableTop, RS232



You may send up to 128 commands from the PC and thus simulate up to:
4 x CP20's
4 x CP70C's
1 x CP70B
1 x CP2509

TableTop, RS485



You may send up to 128 commands from the PC and thus simulate up to:
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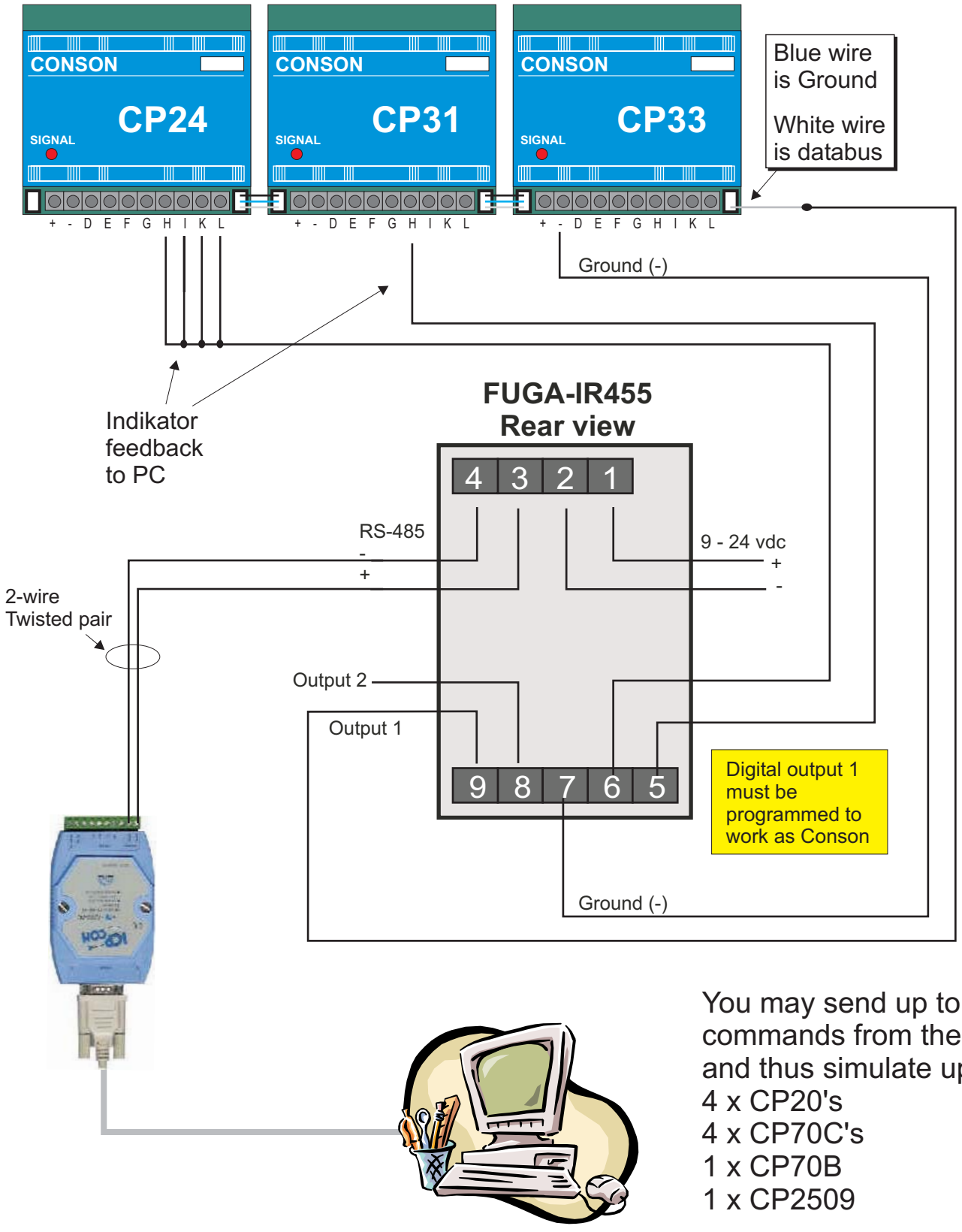
4 x CP70C's
1 x CP70B
1 x CP2509

FUGA-IR-455, RS485



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