

Application note

Remote control operation:

Switches on the front of the amplifier allow for directly making adjustment to various settings. When you turn the switches into "Remote"- or "Zero"-position you can remote-control the unit. Details are described in each datasheet (please check according pages for paragraphs "Remote Control Operation, General remarks and x-Switch"). Each remote-controllable setting or the switch position is presented in a chart that shows the characteristic H- and L-bits at the specific pins of the remote control jack. You have to apply logical H- or L-levels to each pin according to the chart.

To avoid ground loop effects or interaction between analog signals and digital control signals all digital control inputs are opto-isolated and require voltage levels (preferably from an external voltage source) specified under "Remote Digital Control", e.g. TTL level. Control signals are referenced to DGND (digital ground, not connected to analog ground!).

For remote control you do not need a special software. You can either make your own remote control unit with the according number of switches or use a PC's I/O switch-board-card. Simply connect the external remote control unit via a multiwire cable to the amps control jack.

FEMTO offers no external remote control units or cables.