



The Repeater is used to extend the range of RF transmission between the transmitters (call buttons, call panels etc.) and receivers (indication panels, pagers). For best performance the repeater is positioned as high as possible above ground and away from metal surfaces. It is supplied by a plug-on power supply unit. This repeater also contains an internal clock to allow transmission of the actual time to the display of the Mini-Pagers.

Rotary switch „Transmission Delay“ (to be set while power supply is off)

Up to four repeater may be used in one site. In order to avoid data collision of the RF-protocols, the repeaters must be set to different „transmission delays“ (0, 1, 2, 3). Setting to 4 - 9 will be indicated as faulty setting by illuminated LED 2 and LED 3 simultaneously.

Operation Repeater

The repeater is supplied by a plug-on PSU (230Vac/12Vdc), either directly at the wired plug or via a RJ45-cable to the connector-box.

When power supply is ON, the LED 1 is flashing 1/sec. indication the operation of the repeater.

During reception of valid RF protocols from the call buttons or other system transmitters the LED 3 (RF receive data) is active. After the preselected time delay, the LED 2 illuminates during the transmission activity of the repeater.

Remark: Mini-Pagers are transmitting a „time request“ when being switched ON, so the repeater is transmitting its real time clock back to the Mini-Pager, where the time appears on the display.

Setting the time of the Repeater (i.e. change from summer time to winter time etc.)

Mode 1: Connect the Mini-Pager via USB to a PC and make shure that the repeater is within the RF range. By starting the „configuration software“ (V2.5 or higher) a window is opening (at bottom left on the screen) and indicates both the „time of the repeater“ and „time of the PC“. With a click on the button both of times are synchronized.

Mode 2: Connect the optional adapter cable (RJ45 to RS232, Sub-D) to the connector-box and a PC or Notebook. Start the software „Mini-Pager Repeater Uhr“. A new window is opening and the repeater is found automatically at the connected port.

With a click on the button „PC-system time > Repeater“ both of times are synchronized.