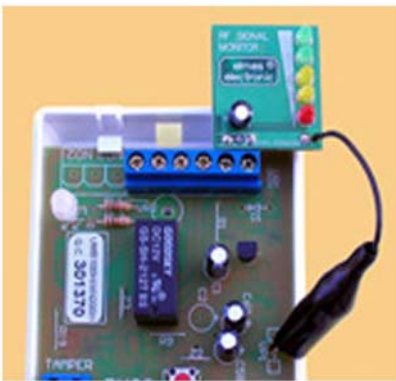


RADIO FREQUENCY SIGNAL MONITOR

RFM1

RF Signal Monitor is a simple but useful gauge indicating level of radio signals received by Elmes receivers. Five colour LED scale of signal level enable the installer to evaluate optimal operation range of selected transmitter-receiver set. It will also indicate level of some other local radio signals that may interfere with Elmes transmitters and affect the operating range. Installation of the monitor is easy and needs the monitor power pins to be screwed in the supply terminals of the receiver while its test connector to be clipped to the receiver's board test terminal marked VP1. Installation example is shown on the photograph below.



Five colour LED diodes are used as RF level indication elements in the monitor. The red diode is lit on as soon as power is applied while two orange and two green LED diodes are for RF signal level indication. Before any firm installation is made, the installer should test received signal level to determine effective operating range of the receiver-transmitter set. Maximal signal level and thus best operating performance is obtained when all five LED indicators are lit on. Only one green LED lit indicates still reliable operation. Insufficient signal level is indicated with only two or one orange LED diodes lit.

