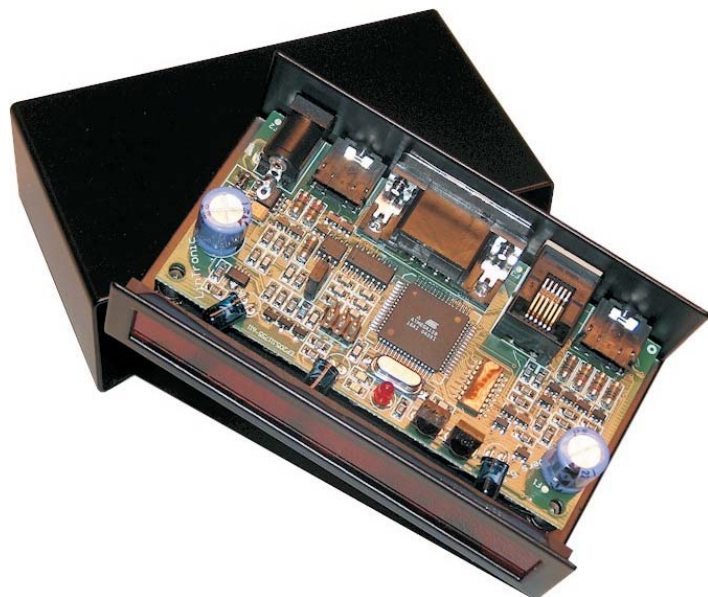
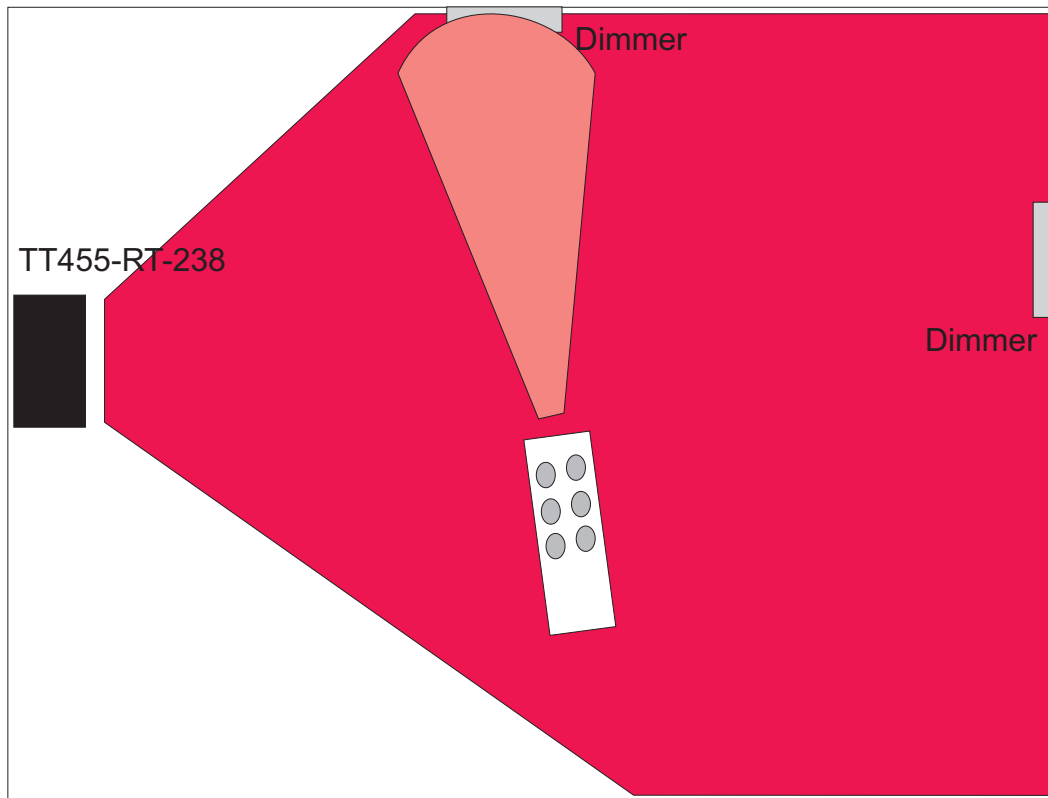


LinTronic

<http://www.lintronic.dk>

InfraRed remote controlled dimmers





It is our experience, that most wall located light dimmers working with an infrared remote control, have been designed to offer a "poor" control range. The dimmer is often designed to have a poor receiver and the remote control is often designed to transmit a low power signal.

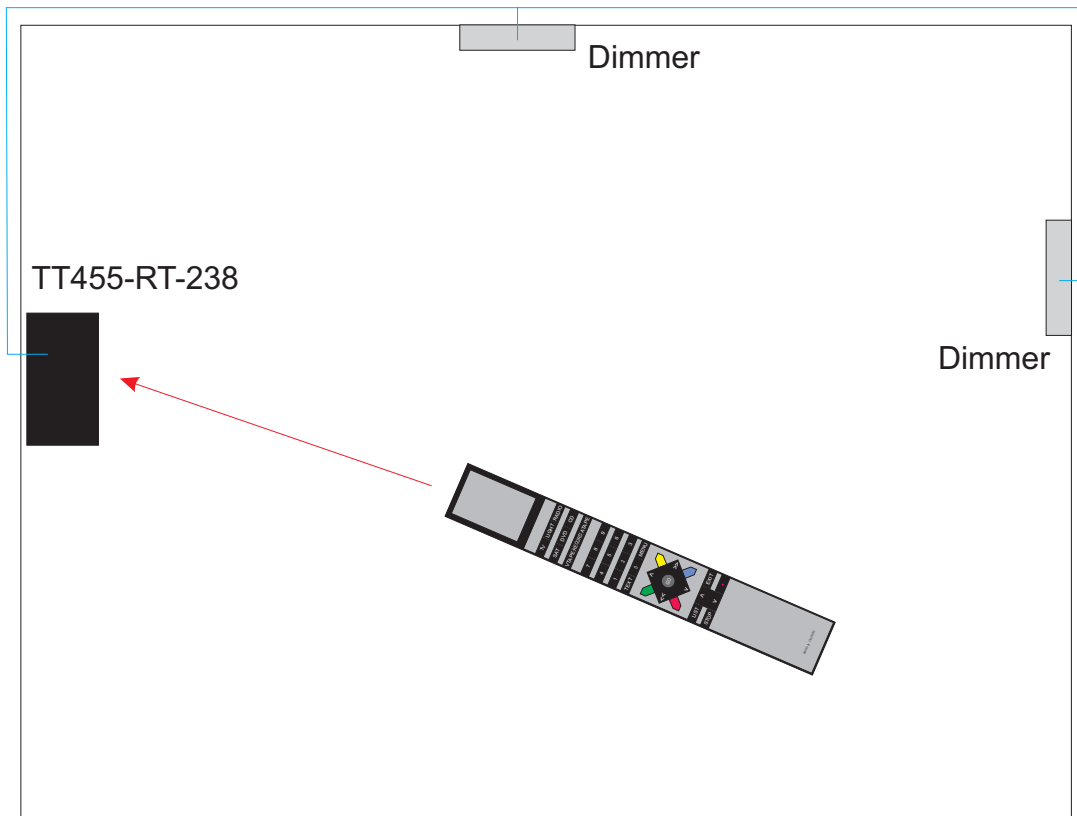
An infrared signal is often a very simple code, which does not hold any information about which dimmer(s) to control. The dimmer is simply instructed whether to dim or brighten the light.

If the reception of the dimmer and the transmission of the remote control was optimized, then multiple dimmers would react to the same signal, and it would be impossible to control one lamp at a time.

Furthermore, very often the same button will dim or brighten the lamp when you release and re-activate the button, and due to the timing of the repeated signal, it can be very tricky and some times even impossible to get an automated controller to set a desired light level.

So in general, dimmers designed for manual operation from an infrared remote control, must be controlled manually from the particular remote control or you will go screaming-crazy trying to control it any other way.

If you want to broadcast-control the dimmers from for example a high-power wide-angle IR blaster like the TT455-RT-238, then it will control all dimmers in the same room and all lights will turn on/off or go up or down at the same time but most likely at different levels.



So if you want LinTronic's advise:

Make sure you buy a light system, which offers RS232/RS485 control (Lutron, Luxom, Clipsal, ect) or power line carried control (X10, Xanura).

All of these systems not only offer individual control of any particular lamp; You can also control the dimmers from a computer or from for example the B&O remote control and command the light to turn on/off, dim or bright or goto to specific light levels upon multiple events (phone ringing, motion detection, somebody ringing the front door, leaving home, coming home, etc. etc. etc).