

Installation of the antenna with a built-in DCF receiver

DCF-IN

In principle the **installation of the antenna should be at the roof**. Many problems will not arise if this is fulfilled.

Do not place the antenna near computers or video monitors. Avoid steel girders or metal plates.

Both the status LED's **mod.** and **field** should be used to achieve an optimal installation. The antenna is to be turned slowly (upright) until the LED **field** is most dimly lit. Then turn the antenna by 90°. If now the LED **field** lights up and the LED **mod.** is blinking every second - without any flickering! - the LED **free** should turn off after three minutes. If this doesn't happen, a new position of the antenna has to be found.

The blinking of the LED **mod.** corresponds to the seconds time marks of the DCF telegram. The beginning of a new minute is marked by suppressing this time mark, so the LED will not blink at this second. If this LED flashes intermediately, there is some electrical noise around which prevents to decode the telegram of this minute properly. In this case a new position of the antenna has to be found.