

Abstract**Photo-receiver arrangement**

5 The invention relates to a photo-receiver arrangement comprising a photo-sensor
for capturing light being incident thereon within a predetermined range of light
intensity values, and for converting the captured incident light into a first
electrical signal; a pre-scaler connected to an output of the photo-sensor for
10 producing a second scaled electrical signal based on and corresponding to said
first electrical signal input into the pre-scaler; and a preamplifier connected to an
output of the pre-scaler for amplifying said second scaled electrical signal input
into the preamplifier, the preamplifier has a dynamic range of at least substantially
linear gain. The pre-scaler and the preamplifier are designed in a mutually
15 matching configuration such that the second scaled electrical signal falls within
the said dynamic range of the preamplifier for any light intensity value falling into
said predetermined range of light intensity values.

This Sheet Has Been Replaced

