

Due to editorial error three figures and their legends were mixed up in Juusola, M., Uusitalo, R. O. & Weckström, M. Transfer of graded potentials at the photoreceptor-interneuron synapse. *J. Gen. Physiol.* **105**, 117-148 (1995). Below are the figures with the proper captures in the correct order.

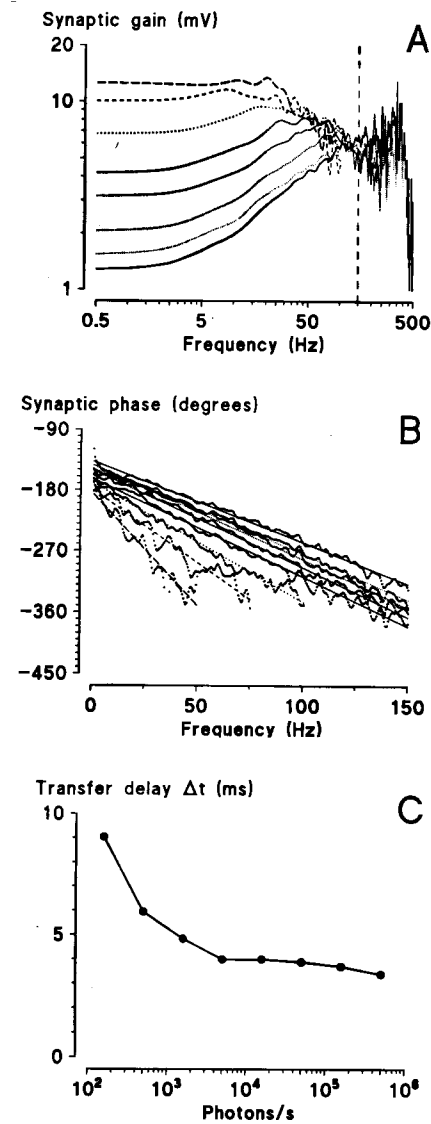


FIGURE 8. The synaptic transfer function and transfer delay at eight different adapting backgrounds. (A) The synaptic gain. (B) The synaptic phase plotted versus a linear frequency scale. (C) The transfer delay calculated from the synaptic phase function above.

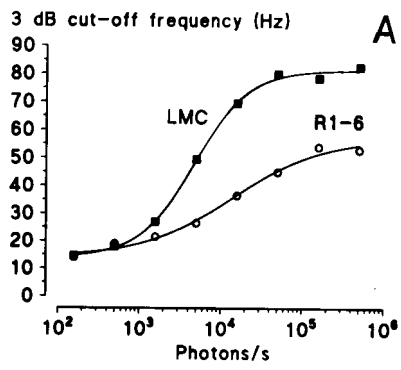
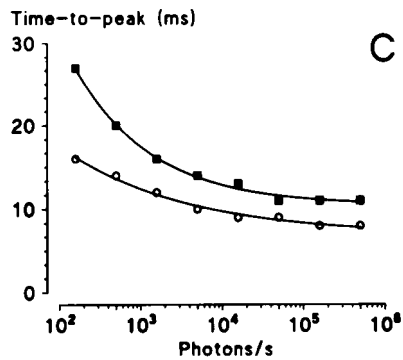
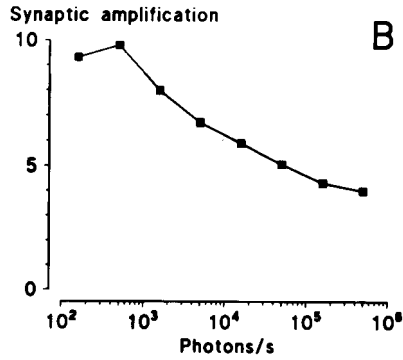


FIGURE 9. Parameters of signal transfer function calculated from the frequency responses. (A) The photoreceptor and LMC 3-dB cut-off frequencies at different adapting backgrounds. (B) Synaptic amplification calculated from the peak values of photoreceptor and LMC first-order Wiener kernels. (C) The time-to-peak of the photoreceptor and LMC first order Wiener kernels.



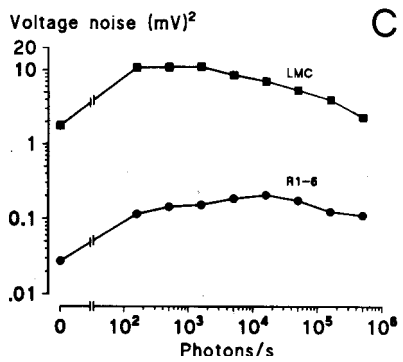
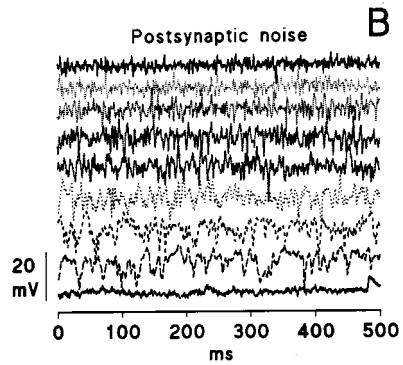
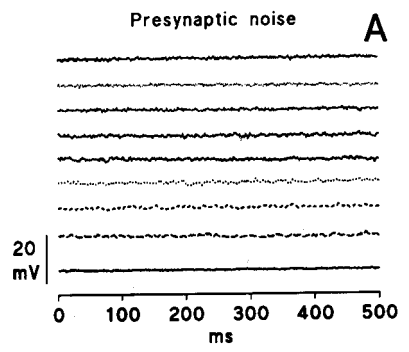


FIGURE 10. Noise analysis in the time domain. (A and B) 500-ms samples of signal-induced photoreceptor and LMC noise, respectively, in darkness (*lowest traces*) and at eight different adapting backgrounds 0.5 log intensity units apart. (C) The variance of photoreceptor and LMC noise calculated from the data shown in A and B. Each value is an average of 240, 1-s samples (for each of which the mean potential was first zeroed). For details of the analysis see Materials and Methods.