



optiCOLOR^{PC/TV} Glasses

(Available as complete eyeglasses or as CLIP-ON for those who wear glasses)

...provide you with the following features:

- Suitable for PC and TV
- Suitable for traffic (EU only, not USA/AU)
- Good blue-light protection
- Protection against melatonin reduction
- Good color recognition
- Short acclimatization period
- Anti-reflective lenses
- Scratch resistant
- High contrast
- 100% UV400 filter
- High degree of light transmission
- High-quality lenses
- Special color filters
- 88-99% filter effect (400-500 nm)
- CE certified



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optiCOLOR^{PC/TV}

Protection against Blue-Light Radiation from PC and TV Screens

Why is protection against blue light so important?

There are meanwhile indications that the mercury discharge or LED-based background lighting for flat screens (PC/TV) can lead to irreversible damage to the eyes. It is suspected that a high portion of blue light can have a damaging effect upon the macula. This could result in promoting age-related macular degeneration (AMD). Reduced contrast sensitivity, reduced visual acuity and a limited perception of color could be the consequences.

High portions of blue light also negatively influence the hormone balance (stress hormones, melatonin). Red eyes, twitching eyelids, weariness, headaches, nervousness etc. are typical complaints with high portions of blue light from PC work or watching television.

Application:

The **optiCOLOR^{PC/TV}** Glasses provide reliable special color-filter protection against excessive blue-light radiation screens, fluorescent lamps, white-light LED and energy-saving lamps, and they are therefore particularly suited for watching television and for PC work in the office. This takes the burden off your eyes and increases your sense of well-being.

With the **optiCOLOR^{PC/TV}** Glasses, you experience improved color recognition on the PC or television screen. It is possible that you will need a certain amount of time for



your eyes to get used to the special color filters of the **optiCOLOR^{PC/TV}** Glasses. This period of acclimation can vary from individual to individual, but it is usually quite short.

The **optiCOLOR^{PC/TV}** Glasses also provides low-level anti-glare protection, and for this reason they are also highly suitable to wear as sunglasses. Due to the anti-reflective lenses and the comfortable fit, they are extraordinarily agreeable to wear.

Information for those who wear eyeglasses:

The **optiCOLOR^{PC/TV}** Clip-On is suitable for most eyeglasses. By means of a special mechanism, it is simple to attach and remove the clip-on from one's own eyeglasses. Make certain when removing the clip-on, that this mechanism is opened wide, and do not simply take off the clip-on without opening the mechanism. Scratches on the eyeglasses could result from this, for which no liability can be assumed.

Cleaning and care:

Never use strong cleaning agents; use only water. For cleaning or drying, please use the supplied special **optiCOLOR** microfiber cloth. Rub the glasses carefully with slight pressure, in order to avoid removing the coating of the glasses. As a rule, do not use paper towels or other cloths containing wood fiber, because these could scratch the lenses.

Even with the best of care, glasses get tiny scratches over the course of time. This is due to normal wear and tear, and therefore does not justify a guarantee claim.

Warning:

The OPTICOLOR PC/TV Glasses provides an exceptional high-contrast view of one's surroundings, and according to EU standards they also may be used when driving a vehicle. In the USA and AUSTRALIA, use of the glasses is not permitted when driving a vehicle or operating a machine.

...and there are also

the optiCOLOR^{vision} Glasses:

There are still special colored glasses from the **optiCOLOR** series as well, called **optiCOLOR^{vision}** Glasses, available in 7 different colors, all of which can be used as sunglasses as well as therapeutic glasses.

