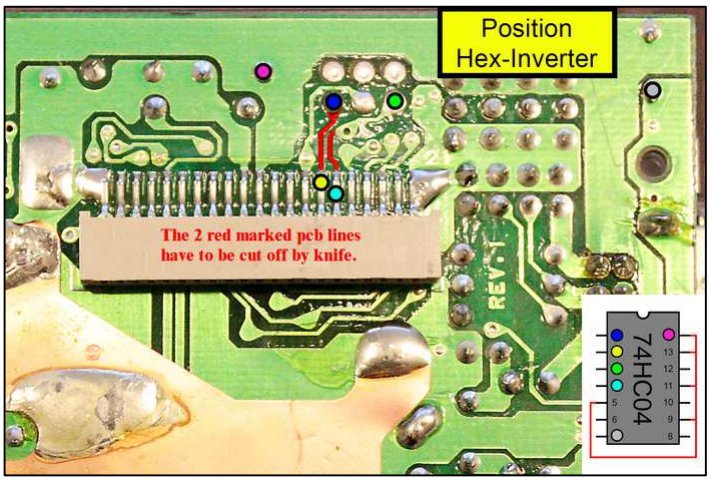
How to handle our LED-backlight and accessories

backlight4you

How to handle our LED-backlight and accessories:

1. Our **LED-backlight** works with 4 white LEDs. They deliver their light into a **special formed and designed lightbody** that gives off the light to the top quite homogenously. A loss auf light at the sides is prevented by the silver gluestripe around the backlight.
2. At the front side of our backlight you will find a **thin protection layer** to prevent it from dust and scratches. It has to be **removed prior to installation**. ⚠
3. At the front side of the backlight on top and at the bottom, each, you will notice a **small glue stripe** to fix the polarizing sheet. There is a **covering layer** on those stripes which **has to be removed** carefully, before fixing the polarizing film.⚠
4. The red and black cable of the backlight have just been **soldered provisional** at the factory. So, before fixing the backlight please check and perhaps **resolder the cables**. ⚠
5. The **polarizing sheet** has at its front and rear side a **protection layer**, too. Of course to keep dust and scratches away. Both layers have **to be removed** before fixing it to the backlight. The **front side** is that side with the **white arrows**. They are meant as **help for orientation**, but unfortunately the **white pigment** tends to **crumb** from the layer. Please take measurements to **keep those crumbs away** from the uncovered glue stripes and the surface of the backlight. E.g. a static small feather duster may help here.⚠
6. If you experience **tension during mounting** the backlight into the plastic frame, please avoid pressing, but gently push the Game Boys **plastic frame away** to the side. ⚠
7. Our LED-backlight works between 4.8 and 6.3 Volt DC. Don´t push the voltage beyond 6.3 Volt DC.
8. Solder plan for the biversion-pcb. The coloured dots mark the **corresponding solder points** for the **cables** with **the same colou**r. The red marked **pcb-leads** must be **cut off**.



9. Biversion-pcbs and LED-backlights meet RoHS-conformity.
10. Disposal of waste: The LED-backlights and biversion-pcbs are **electronic parts** which do **not belong** to **normal household litter**. Please **dispose** them at a specials collecting side of your municipality or county. Please follow the laws and instructions of your country for the disposal of electronic parts.

⚠ **Please Note**

Our how-to information is addressed to skilled and approved personnel, only.
The exchange of backlights and electronic parts require certain technical know-how.
Without the required skills and approval our backlight, the polarizing film, the biversion board or even the whole application or device may get damaged !
If you do not have either the skills or/and the approval we recommend to contact a service center.