01 - SOLAR WARNING – please read the following instructions carefully

- Never attempt to view the sun with this Herschel Wedge if you did not make sure that the proper method for shielding off harmful excess of solar energy is being applied.

- Do not use this Herschel Wedge if you do not feel well informed about possible hazards and the consequences of wrong handling. If you have questions, please contact BAADER Planetarium via Email „kontakt@baader-planetarium.de

- Never_leave this instrument – or any telescope – unattended during the day-time respectively during solar observations. Prevent that inexperienced observers and/or CHILDREN use this instrument on there own, without expert supervision.

- BAADER Planetarium cannot be held liable for consequences of wrong handling of the Herschel Wedge during solar observations.

A Herschel Wedge (Solar Prism) is a professional tool for the serious Amateur

Never remove the 1:1.000 (ND = 3) filter, which is built-in the body of the prism by BAADER, except for eyepiece projection photography.

The BAADER Herschel Wedge is an accessory, which is to be used in combination with refracting telescopes only. Any other optical designs (like Newton, SC, MAK and so on) use optical or mechanical parts near to the focal plane, which will be destroyed by the heat of solar radiation. If you want to utilize any reflective telescope for solar observation, shield the front aperture wit our patented **BAADER AstroSolar safety film**. You will find all information on AstroSolar safety film in English language on our website

http://www.baader-planetarium.com/sofifolie/sofi_start_e.htm

In case more than one telescope is attached to your mount, be sure that the lenses of all other optics – except for the one utilizing the Ceramic Herschel wedge - are being carefully and securely covered to exclude any solar radiation entering unnoticed into any other telescope or finder scope pointing towards the sun.

When checking focus during focal- or eyepiece projection photography by sure, that the image of the sun is not too bright. In case the image appears too bright, use a neutral density filter (i.e 1:64, D = 1.8) and hold it between your eye and the camera

First attach the Herschel Wedge onto your telescopes 2" focuser, only then point the telescope towards the sun. Due to the new design of the Herschel prism housing featuring a separated heat cage, you can use the ceramic back plate as "Solar Screen" to use the solar image itself as target. Now it is very easy to put the solar image into the center of the field of view. If the diffuse solar image becomes visible on the ceramic screen then it will likewise be seen in the eyepiece a the top of the Herschel wedge.

Never mount any filters into the front 2" nosepiece of the Herschel wedge. The full solar energy will cause the filter to crack immediately. Filters always must be mounted above the herschel wedge prism – that is between eyepiece of camera and the herschel prism itself.

Attention! Instructions de sécurité:

N´utilisez pas ce produit si vous n´êtes pas bien informé des risques et des conséquences possibles dune mauvaise manipulation.

Un prisme solaire (Helioscope) est un outil professionell destiné à l´amateur competent.

1. Ne jamais enlever le filter, en verre absorbant T = 1.000 (ND = 3), sauf si l´on desiré photografier à l´aide d´un oculaire

2. Lors de la mise au point lorsqu´oh photografie avec un oculaire, utiliser en permanence un filter neuter absorbent (T = 64, D = 1.8), disposé entre le boitier photo et l´oeil afin d´éviter une irritation dŭe à une luminosité excessive.

3. Durant le jour, ne jemais laisser le télescope sans surveillance.