

The Dome

Invalid Link



Outline of the dome

Access to roof and dome

Important

- The door to the roof can be opened with the appropriate key.
- The door must be closed again because the shutter of the dome could collide with it as the dome rotates.
- Usually the door of the dome itself is locked, too.
- The door opens easier if it's slightly pushed close during the unlocking.
- The door should generally be closed during observations, even if it can be fixed in an open position – still, it keeps the wind out if the door is closed.
- The doorway is lower than the average person's height – pay attention to your head. 😊

Inside the dome

First steps:



Control box with emergency button

- Just left to the door you can find the light switch (number 2 in the sketch).
- The left button is for white light, the right one is for red light.
- At the wall, next to the light switches there's a small box (number 3 in the sketch). It contains
 - the remote control of the dome,
 - the sensor that receives the signal of the remote (see Figure)
 - the emergency button (the red button) that disconnects the power supply of the dome

Computer setup:



Dome control remote control

At the left wall of the dome find a table (number 5 in the sketch) with the laptop on it. This computer can connect with the telescope and runs MS Windows 7 along with the required software to use the telescope. It also has an internet connection to find information on objects during the observation, e.g. in [Simbad](#) or to get other information.

Miscellaneous:

The dome inventory has the following items, too:

- a small treadle;
- a movable tread with platform (number 8);
- a roll container (number 6), including
 - equipment for the telescope,
 - manuals,
 - tools.

Each observation (night) must be registered in the log book (either the real book or in the Wiki: [Wiki log book](#)). This is especially important if changes at the equipment/mounting/telescope were performed. The roll container can also be used to place a laptop on top to easily roll it though the dome. However, always ensure all parts of the equipment are standing securely.

Problems and their solution

A number of solutions of (well-) known problems and mistakes can be found [the problem page](#).

From:
<https://polaris.astro.physik.uni-potsdam.de/wiki/> - **OST Wiki**

Permanent link:
<https://polaris.astro.physik.uni-potsdam.de/wiki/doku.php?id=en:ost:telescope:kuppel&rev=1416176453>

Last update: **2014/11/16 22:20**

