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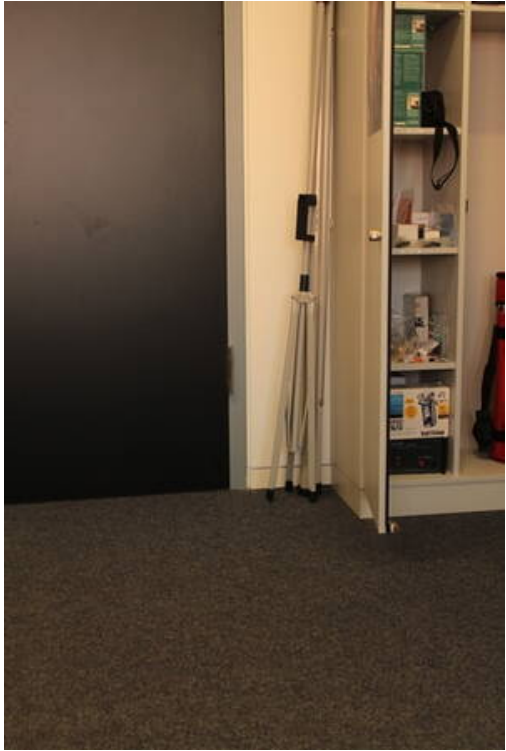
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C8 (Under construction)





The Celestron 8 (C8) is our smallest telescope not accounting for binoculars or finderscopes. Because of its compact construction it can be set up by a single person.

Setup

In the following the setup of this telescope will be explained step by step.

	Description	Used parts	Telescope after the corresponding step
1	One needs carefully choose the place where the telescope should be placed. For example, the relevant part of the sky needs to be visible (the dome covers part of the sky when the telescope is setup on the roof) and the cable connections for the power supply or the cameras should not become tripping hazards. The example setup was performed in the laboratory-course room directly after the door → directly in the way, hidden, and no sky → bad choice		

<p>2</p>	<p>The tripod is the backbone of the telescope.</p>		
<p>3</p>	<p>This disk is used to stabilize the legs of the tripod from the inside. The rod that punctures this disk will be screwed (with the side showing the thread) from below into the basis of the tripod. This needs to be done until the thread is completely visible on the other side. The rod should now be vertically slidable.</p>		

<p>4</p> <p>Now the mount can be put on the tripod basis. One has to take care that little chromed pin needs to be placed between ...</p>		
<p>5</p> <p>Anbringung der Gegenwichtsstange und der Gegengewichte</p>		


6 Anbringung des Tubus



<p>6.5 Achsen auswuchten</p>		
<p>7 Teleskopsteuerung anschiessen, Stromversorgung herstellen</p>		

<p>9</p>	<p>Achsen ausrichten</p>	 Two close-up photographs of the telescope's mount. The top image shows a hand adjusting a knob on the declination axis. The bottom image shows a similar adjustment on the right ascension axis. Both images highlight the precision of the metal components and the orange safety markings.	 A photograph of the telescope mounted on a tripod in a room. The telescope is pointed towards the upper right. A black protective cap is still attached to the front of the primary mirror housing.
<p>10</p>	<p>Abdeckung entfernen</p>		 A photograph of the telescope on the tripod, identical to the previous one, but the black protective cap has been removed from the front of the primary mirror housing, revealing the mirror cell.

<p>11 Gegebenfalls Sonnefilter anbringen</p>		
<p>12 Alignment ausfuehren, Genau wie am C11, hier beschrieben</p>		

			
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11 Fertig

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