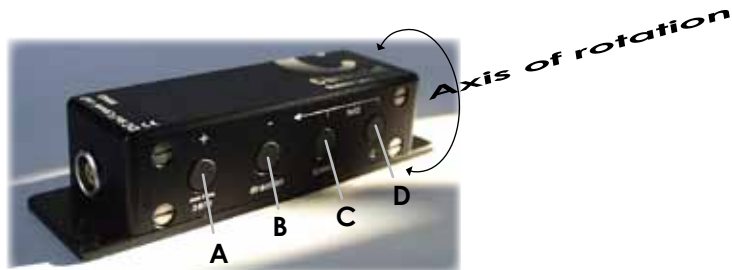


## Electronic Bubble-Level Sensor

The bubble-level's position sensor and digital electronics are integrated in the Box. It has to be guaranteed that the electronic bubble is hard mounted as reference to the camera horizon (Please note the axis of rotation). The bubble level is displayed in the monitor.

The bubble-level keeps its settings even without power and remains valid for both "high" and "low mode" operation. When switching between "high" and "low mode", it is only necessary to re-zero by pressing "zero".



### Display Zero Position:

Position the RIG or Camera horizon to zero with the help of a mechanical bubble level. Now press "Zero" (A) for approx. 2 seconds. As soon as the electronic bubble comes to center, release the "Zero" button.

After pressing the "Zero" button for approx 10 seconds you can adjust via the keys "+" or "-" the covering of the level marks. Pressing the "Angle" key you are back in working mode.

### Display Direction Reversal:

Press "direction" (B) for 2 seconds, after releasing the button the display direction is reversed.

### Level Sensitivity:

Sensitivity can be adjusted in 5 steps. After pressing "Speed" (C) the monitor display mark goes to the presently adjusted level.

<b>Left</b>	no	damping	direct display of	horizon movement
	slight	damping	shocks are filtered out	
	middle	damping	display is slightly delayed	
	strong	damping	display is strongly delayed	

**Middle** special damping small movements are displayed, large ones are slightly delayed

Additional pressing of the keys "+" or "-" adjusts the damping, the selected value will be displayed and stored after release of the respective button.

### Display Angle:

The display's horizon-inclination range can be adjusted in five steps.

After pressing " $\angle$ " (D) the monitor display mark goes to the presently adjusted angle.

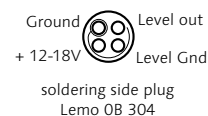
<b>Left</b>	+/-	3°	full scale
	+/-	6°	full scale
	+/-	11°	full scale
	+/-	23°	full scale

**Middle** +/- 90° full scale

Additional pressing of the keys "+" or "-" adjusts the angle, the selected value will be displayed and stored after release of the respective button,

### Connector pin-out:

Caution: Incorrect wiring can damage the Bubble-Level sensor!



**CE** Specifications subject to change without notice Sept. 2010