

- You can set the friction to suit the weight of your camera. The set value is not changed by locking and releasing the head.
- The ball in your ClassicBall does not need lubrication. Never apply grease or oil to the ball head.
- Head operation is self-cleaning. Nevertheless, try to avoid getting sand or dust into the mechanism (wipe the ball with a clean, dry cloth).

Information

For more information, advice and tips concerning our products contact your photo dealer, the distributor of NOVOFLEX products in your country (have a look at the “Where to buy” section at our website to find your distributor) or visit our website www.novoflex.com

For personal advice about possible accessories which is suitable for your NOVOFLEX product please contact the following phone number or send us an E-mail.

NOVOFLEX Phone: +49 8331 88888
NOVOFLEX E-Mail: mail@novoflex.com

© Novoflex Präzisionstechnik GmbH
 Brahmstraße 7
 D-87700 Memmingen
 Phone +49 8331 88888, Fax +49 8331 47174
 Email mail@novoflex.com, Internet www.novoflex.com



ClassicBall

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NOVOFLEX

USER MANUAL



Congratulations on your purchase of the NOVOFLEX ClassicBall. Even if the operation is very simple, we want to give you some tips on how to use your ClassicBall right from the beginning.

Special features

- Integrated levelling function and panoramic panning by turning the ClassicBall upside down.
- Three 90° openings. Two of these are in line, letting you make a continuous 180° vertical sweep.
- AFC – (advanced friction control) for repeatable friction setting
- Interchangeable threaded pin for 1/4" or 3/8" camera thread

Technical data

ClassicBall variant	CB 2	CB 3 II	CB 5 II
Height	82 mm / 3.2 "	95 mm / 3.7 "	117,5 mm / 4.63 "
Base Ø	52 mm / 2.0 "	60 mm / 2.4 "	78 mm / 3.1 "
Support plate Ø	40 mm / 1.6 "	45 mm / 1.8 "	59 mm / 2.3 "
Weight	315 g / 0.694 lbs	500 g / 1.10 lbs	970 g / 2.14 lbs
Load capacity	5 kg / 11.0 lbs	8 kg / 17.6 lbs	12 kg / 26.4 lbs



Nomenclature

1	Camera grub screw 1/4" - 3/8"
2	3 x 90° openings
3	Friction control ring
4	Locking button for panorama panning
5	Tripod threaded hole 1/4" or 3/8"
6	Spirit level
7	Angle scale 360°
8	Locking lever
9	Support plate

Mounting on a tripod

Use the threaded hole (5), to mount the ClassicBall on any tripod with a 1/4" thread size. To mount it on a tripod with 3/8" thread size, simply remove the threaded bushing. You can mount your ball either the „classic“ way or upside down.

To use the ClassicBall upside down, remove the grub screw (1) and screw it into the threaded hole on the bottom side (5). Now turn the CB3 II upside down and screw it with the threaded hole in the support plate (9) onto your tripod.

Safety instructions

- Never use any kind of lubricant on the moving parts of your ClassicBall!
- Never open the housing by force!
- Only take your hands off the camera when you are totally shure that it´s mounted safely!
- Extreme heat or cold can impair the proper function of ClassicBall!
- When changing the grub screws thread size (see page 3) it is very important to screw the grub screw into the support plate as far as possible!
- When storing the ball head for a longer time, leave the locking lever (8) and the friction control ring (3) in an open position!

Handling

Changing the thread size from 1/4" to 3/8"

To change the grub screws thread size (1), unscrew it and remove it completely from the base. Turn it around and screw it back into the support plate. To avoid damage to your camera, it is very important to screw the **grub screw** into the support plate **as far as possible!**

Locking the ball in position

Turn the locking lever (8) to the right, to lock the ball in every possible position.

Tip: If the rotation of the lever is blocked by an object, it can be pulled out, twisted and released again without changing its clamping.

Release the ball

Turn the locking lever (8) to the left to release the ball. The preset friction (AFC) is not changed by locking or releasing the ball. When storing the ball head for a longer time, **leave the locking lever in an open position!**

Friction AFC – advanced friction control (braking)

Using the friction control ring (3) you can preset the friction (braking) exerted on the rotation of the ball to a level you find most comfortable for your camera weight. You have a choice of five different levels. You can preset the friction level only if the ball is locked in position.

Vertical sweep

Three 90° cutouts in the housing of the ClassicBall let you sweep the camera vertically by up to 180° and then to turn it by 90° (at right angles to the vertical) to take pictures in portrait format.

360° - panorama panning

Stepless (panorama) panning can be halted in any position by simply turning the locking button (4). With the upside down assembly, the correct leveling can be assessed with the help of the spirit level (6), so that a panning is done exactly horizontally. The 360° panorama angle scaling (7) serves to approach certain angular positions.

General hints

- In any position, the ClassicBall will support 5 Kg/ 11 lbs (CB 2), 8 kg /17.6 lbs (CB 3 II) or 12 kg / 26,4 lbs (CB 5 II)
- To get the full mobility benefit of your ClassicBall, we recommend that you line up the two opposite 90 degree portrait format cutouts in the optical axis.
- In this position you can easily sweep the camera vertically by 180 degree and into portrait format. Benefit: You don't have to get to this position via the integrated panning function. All operating elements are always in the same place.