



# MagicBall® FREE



## USER MANUAL

### Nomenclature

1	Threaded pin
2	Ball
3	Locking lever
4	Housing
5	Knurled ring
6	Thread hole
7	Locking mechanism
8	Support leg
9	Guide shell



### Specifications:

- Load capacity:  
5kg / 176oz
- Dimensions:  
8.4x4x7.8cm / 3.3"x1.6"x3.1"
- Weight:
- Ball: 118g / 4.16oz
  - Housing: 188g / 6.63oz
  - Support leg: 46g / 1.62oz
  - Guide shell: 39g / 1.38oz



Congratulations on your acquisition of the MagicBall FREE – the revolutionary new ball and socket head. Whilst you should have no difficulty in using the MagicBall FREE, you may find the following explanations useful.

### Features:

Thanks to the upside down installation of the housing and the free-running ball, the MagicBall FREE allows for an enormous adjustment range of approximately 240 degrees. Even without a perfect leveled tripod, a camera turn from landscape- to portrait mode is always possible.

In addition, the unleashed ball, released from the main housing, can be used as a quick release system, which supports the photographer in all conceivable shooting situations, enables a quick change from tripod- to freehand exposure.

Combined with the guide shell and the support leg, taking pictures while stabilization right next to the photographers body or on a variety of conceivable surfaces is also highly convenient.

### Scope of delivery:

The MagicBall FREE is available in different versions:

- **MB FREE** consisting of: ball (2) and housing (4)
- **MB FREE SET:** ball (2), housing (4), support leg (8) and guide shell (9)
- **MB FREE H:** housing (4) separate, without ball
- **BF SET:** ball (2), support leg (8) and guide shell (9), without housing



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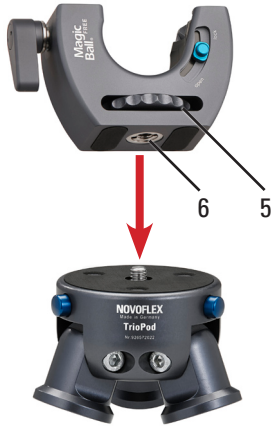


### Camera mounting:

Use the threaded pin (1) in order to connect your camera with the ball. For this purpose you can also remove the ball from the housing, see chapter "Handling".

### Tripod mounting:

Mount your MagicBall FREE on your tripod using the tripod screw and the thread hole (6) on the bottom of the housing. Inside the thread hole there is an adapter, which can be removed. This is necessary, when your tripod is equipped with a 3/8" screw. To tighten the connection turn the knurled ring (5) clockwise.



### Classical mounting as an alternative:

When using this kind of installation, remove the threaded pin (1) by using a screw driver and place it into the thread hole (6) of the housing. If necessary, remove the thread adapter before. Afterwards connect the tripod with the ball (if necessary place the thread adapter into the thread hole). Now mount the camera on top of the housing. To tighten the camera turn the knurled ring (5) counterclockwise.



### Handling:

#### Removing the ball:

In order to remove the ball from the housing, open the locking lever (3), bring the locking mechanism (7) in the "open" position, hold this position and take the ball out from the housing.

#### Inserting the ball:

Inserting the ball is only possible when the locking lever (3) is opened (see fig. right). Bring the locking mechanism (7) in the "open" position, hold this position and insert the ball. Alternatively press the ball with a little force from above into the housing until it snaps in. To secure the connection bring the locking mechanism (7) in the "lock" position.

#### Fixing the balls position:

Having found the optimal angle when taking a picture, fix the current position by turning the locking lever (3) clockwise until it blocks. To open the current position turn the locking lever counterclockwise.

#### Using the guide shell (9) and support leg (8)

(included in the scope of delivery of: MB FREE SET and BF SET): In order to insert the ball (2) into the guide shell (9), press the ball with a little force from above into the shell until it snaps in with a silent click. For removing, pull it up with a little force.

### Important!

Don't use this connection with a pendant camera, otherwise your equipment could fall out. The ball (2) is not locked after being caught by the guide shell (9).

The guide shell (9) is equipped with a 3/8" hole incl. 1/4" adapter at the bottom for attaching the support leg (8), a monopod or a tripod.

The support leg (8) is used for stabilization right next to the photographers body or in near-ground shooting situations. For connection with the guide shell (9), the leg has a 1/4" thread at its top.

