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 "Where to buy" section at our website to find your distributor) or visit our website: http://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.

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NOVOFLEX

TrioPod PRO 75

USER MANUAL

NOVOFLEX

Congratulations on your acquisition of the TrioPod PRO75 – the new professional, sturdy and versatile tripod. Whilst you should have no difficulty in using the TrioPod PRO 75, you may find the following explanations useful.

Features and Accessories

TRIOPRO C3940

The TrioPod PRO75 is the most sturdy tripod within the modularly constructed TrioPod series. The load capacity was set to remarkable 65 kg / 163 lbs. Due to the reinforced construction of the single components and the huge leg diameter, the TrioPod PRO75 is especially suited for heavy photo- and video equipment. The tripod is supplied with the TRIOPRO C3930 set including the carbon fiber legs QLEG C3930 (3 segments) or with the TRIOPRO C3940 set including the carbon fiber legs QLEG C3940 (4 segments).

The upper tripod platform is equipped with a 3/8" stud screw for attachment to most tripod heads (such as the ClassicBall 5 II) and can be replaced by the levelling base MBAL-PRO75, the 75mm half bowl adapter TRIO B-PRO75 or the geared center column TRIO CC-PRO75.

Compatible accessories from other manufacturer can also be used within the upper standard socket.

TRIOPOD-PRO75

TRIOPRO C3940 with TRIO CC-PRO75, CB5 II and Q=BASE

Accessory Ports

The tripod basis has, apart from the leg connections, two side-on countersunk 1/4“ drilled holes (1) to attach additional accessories with 1/4“ thread screw such as the two Mini Legs (included in scope of delivery) or flexible gooseneck arms in order to mount flash lights, microphones or reflectors.

Detent Angle Stops

For near-ground operation the tripod basis is equipped with detent angle stops for the purpose of spreading the legs in predefined angles of 23°, 45°, 65° and 87°. An additional angle stop at 155° enables to support the tripod against a wall, for example in narrow places like interiors. Furthermore the tripod is equipped with an angle stop for transport in standard position, in order to carry the tripod comfortably grabbing only one leg.

To achieve as low as possible packing size the legs can be turned 180° and grouped around the center column with mounted tripod head.

Monopod Conversion

Each leg can be unscrewed from the tripod basis and converted (using the supplied QP MONO plate) to a single monopod.

QP MONO

QLEG C3940

Interchangeable Feet

All legs are equipped with rubber feet at its ends and can be replaced by stainless steel spikes (included in the scope of delivery).

Technical Data TRIOPRO C3930 and TRIOPRO C3940

- 3- respectively 4 section carbon fiber legs, 8-layered
- Leg extension length: 60.5-161 cm (23.8-63.3 in.) respectively 50-161 cm (19.7-63.3 in.)
- Maximum working height: 154 cm (60.6 in.)
- Minimum working height: approximately. 5.5 cm (2.1 in.)
- Folded length (basis with legs, normal): 69 cm (27 in.) respectively 57 cm (22 in.)
- Max. load: 65 kg (143 lbs)
- Upper stud screw : 3/8“
- Lateral accessory ports: 2 countersunk 1/4“ drilled holes
- Leg angle stops: 23°, 45°, 65°, 87°, 155° and 180°
- Legs can be turned 180° for transport
- Leg diameter (mm): 39; 35.5; 31.5; 27.5 (1.5, 1.4, 1.2, 1.1 in.)
- Total weight 3205 g (7.066 lbs) respectively 3175 g (6.999 lbs)
- Rubber feet, which can be replaced by stainless steel spikes (included)
- Two interchangeable Mini Legs for the accessory ports, the Multi-Tool and a carrying bag are included in the delivery

Technical Data 75mm half bowl adapter TRIO B-PRO75

- Weight: 74 g (0.16 lb.)
- Height: 21 mm (0.8 in.)
- Diameter: 79 mm (3.1 in.)

Technical Data levelling base MBAL-PRO75

- Weight: 500 g (1.1 lbs)
- Dimensions: 48 × 75 × 101 mm (1.9 x 2.6 x 4.0 in.)
- Diameter: 75 mm (2.9 in.)
- Tripod Connection: TRIOPOD-PRO75 tripod base plus 1/4 “and 3/8”
- Camera Connection: turnable stud screw 1/4“ and 3/8“
- Adjustment range: +/- 15° in any direction
- Max. load: 20 kg (44 lb.)

Technical Data geared center column TRIO CC-PRO75

- Provides an additional 48 cm (18.9 in.) of height adjustment
- Weight: 925 g (2.04 lb.)
- Camera Connection: 3/8“ and 1/4“ on both sides

Configuration examples and possible applications

TRIOPRO C3940 with
TRIO CC-PRO75, CB5 II,
Q=BASE and QPL-VR PRO

TRIOPRO C3940 with
CB5 II and Q=BASE

TRIOPRO C3940 with
TRIO B-PRO75 and
a third-party half-ball
socket and tripod head

TRIOPRO C3930 with
MBAL-PRO75 and
VR-SYSTEM PRO II

Optional Leg Extensions

All legs can be extended by optionally available 50 cm (19.7 inches) long carbon fiber extension legs called **QLEG CE50P.** In this way a maximum working height of approximately 2 m (79 inches) can be reached. With the help of the optional geared center column TRIO CC-PRO75 this height can be extended by another 35 cm (14 inches).

QLEG CE50P

QLEG C3930

QLEG C3940

QLEG C2820

Alternative Tripod Legs

The TrioPod PRO75 tripod shoulder can not only be combined with the legs of the PRO series, but also with all legs of the whole TrioPod system, which makes the tripod extremely flexible, even though with lower payload, when using these smaller legs.

TRIOPOD-PRO75
with 3x QLEG C2820

The carbon legs **QLEG C3930** and **QLEG C3940** were specially developed for the TrioPod PRO75. They differ in the number of segments (3 or 4) and the pack size (60.5cm or 50cm / 24 in. or 20 in.). The maximum length is 161cm (63.4 in.) for both models.

For extreme loads and maximum stability, the short carbon legs **QLEG C2820** with a length of 26.5cm - 42.5cm (10 in. - 17 in.) and two segments are recommended. These legs are the ideal choice when working near-ground and, because of there low length, yet they are extremely sturdy. All legs are equipped with removable steel spikes with 3/8“ threads, which are covered by rubber feet.

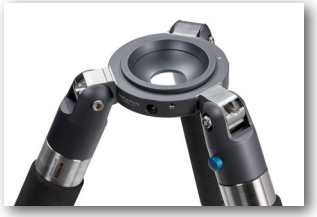
Triangle Support Pouch

For additional stabilization we recommend the Triangle Support Pouch **TRIO TC** (35 × 35 × 35 cm / 14 x 14 x 14 inches). The support pouch is equipped with adjustable Velcro straps. It can be filled with camera equipment, stones, sand, etc. to further stabilize the Trio-Pod in windy situations.

Half bowl adapter TRIO B-PRO75, levelling base MBAL-PRO75 and geared center column TRIO CC-PRO75

On request, the upper adapter plate can be replaced with the 75mm half bowl adapter TRIO B-PRO75, the leveling base MBAL-PRO75 or the geared center column TRIO CC-PRO75.

The 75mm half bowl adapter supports a video head with a compatible 75mm half-ball, the leveling base allows a particularly fast alignment of a video- or panoramic head and the geared center column enables quick and precise shooting-height adjustment. See the Handling section on page 7-9 of this manual for details.



TRIO B-PRO75

MBAL-PRO75

Handling

Tripod Legs: assembly and disassembly

In order to exchange or replace a leg, screw it out clockwise for disconnection, respectively screw it in counter-clockwise for connection.

Adjusting the leg length

Hold the particular tripod leg in your right hand where the neoprene leg wraps cover the leg, while you are operating the twist lock with your left hand. This prevents from unintentionally unscrewing the leg from the basis.

Stud Screw or thread hole exchange: 3/8“ for 1/4“

For changing the upper stud screw thread, remove the screw (7) using a screwdriver (included Multi-Tool), turn the screw upside down. On one side the screw has a 3/8”-, on the other side a 1/4” thread.

The 3/8” thread hole at the bottom of the MBAL’s housing is equipped with an 1/4” reducer bushing, which can be removed if needed.

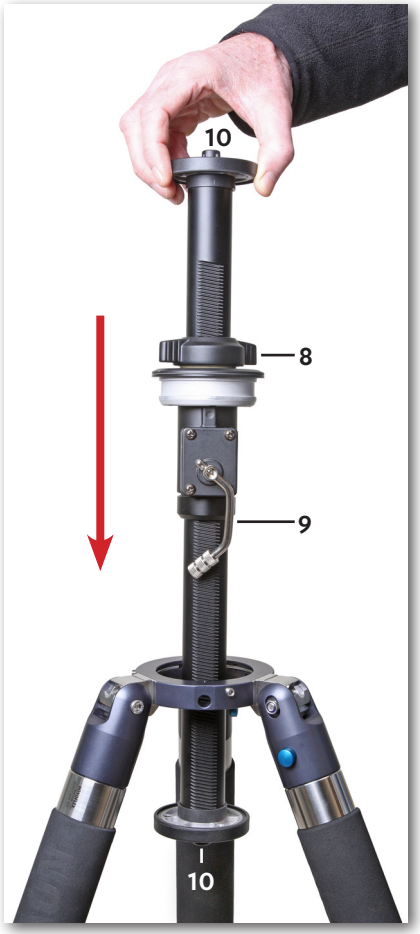
Installing the geared center column TRIO CC-PRO75

After removing the upper tripod platform, bring the crank (9) in a position near the column, so that it fits through the tripod basis mouth. Now insert the column from above into the 70 mm tripod basis mouth.

In order to fully operate the crank (9), turn the column in a position, so that the crank is standing right in the middle of two tripod legs.

When the white plastic ring is just before the tripod basis mouth, you have to put a little pressure from above on the column, because the inner snap ring has to be overcome.

At the end, tighten the three headless screws (5) at the tripod basis again.

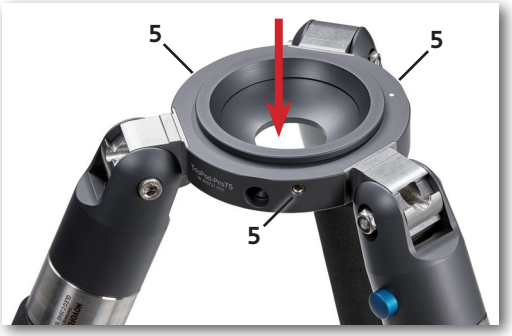


Using the geared center column

In the columns upper part there is the fixing ring (8), which is used to lock the current position by hand. Before adjusting the height, this ring has to be loosened. After that, you can set up the height precisely with the crank (9). With the help of the columns self-locking helical gearing, the camera won’t move down. Nevertheless lock the current position after adjusting the height with the fixing ring (8) for maximum stability.

Stud screw exchange: 3/8“ for 1/4“

The column is equipped with 3/8“ stud crews (10) on both sides for mounting a tripod head. In order to switch to the smaller 1/4“ thread, dismount the screw, turn it upside down and mount it in again. On one side the screw has a 3/8”-, on the other side a 1/4” thread. For this, the inner nut has to be opened and tightened with a ring wrench.



Installation of the 75mm half bowl adapter TRIO B-PRO75

After disassembling the adapter plate, insert the adapter from the top into the 70mm opening of the tripod base and tighten the three headless screws (5) on the tripod base.

The half bowl adapter can now accommodate compatible tripod heads with attached 75mm half-ball sockets.

Installing the levelling ball MBAL-PRO75

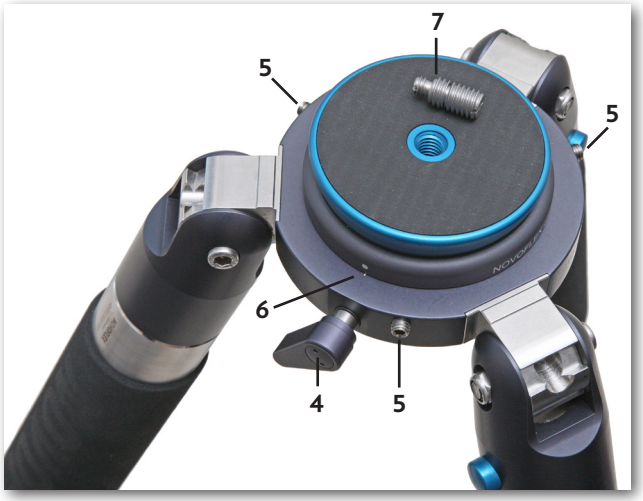
First unscrew the fixing lever (4) completely out of the housing.

Remove the distance shell (3, illustration page 7). This part is only needed when the levelling ball is used independently from the TrioPod PRO75.

Now insert the levelling ball from above into the 70 mm tripod basis mouth. For this bring the white marking dot on the MBAL's housing in line with the white marking line on the basis (6). The hole for the fixing lever is located straight below.

After that screw the fixing lever from outside through the basis hole into the levelling ball (without distance shell) until it can no longer be turned.

At the end, tighten the three headless screws (5) at the tripod basis again.



Using the levelling ball

In order to level a mounted device with the horizon, loosen the fixing lever (4) and level the device with the help of a spirit level. After that tighten the fixing lever again.

All Novoflex panorama plates have corresponding spirit levels for judging accurate levelling.

Turn the twist lock at about 90° clockwise and slide the leg out until you have reached the desired length. Afterwards tighten the twist lock again counterclockwise.

Tip: When tightening, always begin with the biggest leg segment. When loosen a segment begin with the smallest one.

Tip: When setting up the tripod you can open all twist locks simultaneously, grabbing all locks together with your hand. Then turn all twist locks at about 90°.

Adjusting the leg angles

The angle stops can be unlocked by pressing the blue buttons. At first, set up a relatively large angle while pressing the blue button (larger than wanted). Now, keep your finger off the button and swing the leg down. It will snap in with a loud click at the angle positions 180°, 155°, 87°, 65°, 45° or 23°. When you have found the wanted position, move the leg a short way back until this movement will be blocked by the internal end stop. This is the most stable position.

Replacing the rubber feet by steel spikes

Rubber feet should be used when working on a hard ground like wooden- or stone floor. This reduces vibrations. In contrast to spikes, which perform very well on soft grounds like a meadow or sandy floor. To change, turn the rubber feet counterclockwise out of the leg and screw-in the spikes clockwise.

Advice: When mounting make sure that the foot/spike is well fixed, so that it can not dismount unintentionally. Each steel spike can be tightened using a wrench and has a hole for plugging in a lever.

Setting up the leg movement

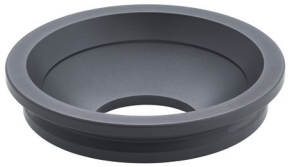
The force, which is needed to adjust the leg angles can be set up with a hex key at the tripod shoulder hinge (2). The key is part of the included Multi-Tool.

How to assemble / disassemble a tripod head

In order to connect a tripod head, for example the Novoflex Classic Ball 5 II, place it centered upon the upper tripod platform and fix it **from below** with the 3/8“ screw. For this, use the hex key which is part of the Multi-Tool (included in the scope of delivery). To secure the tripod head against twisting, it can be fixed in addition with the help of two small headless screws from below. The fitting hex key is part of the Multi-Tool.

Advice: For disassembly do not turn the tripod head, but loosen all screws from below only. This prevents ugly scratches at the surface of the platform.

Installing the half bowl adapter TRIO B-PRO75, the levelling ball MBAL-PRO75 or the geared center column TRIO CC-PRO75



TRIO B-PRO75

The 75mm half bowl adapter (**TRIO B-PRO75**, optional accessory) fits into the upper accessory mount of the TrioPod PRO75 tripod shoulder. It accepts compatible tripod heads with attached 75mm level half-ball sockets.

MBAL-PRO75

The levelling ball **MBAL-PRO75**, (optional accessory) was specifically designed for the TrioPod PRO75. This base is suitable very well for tasks, when only a little alignment is needed and this adjustment should be done quick and simple. For example when a video head, a telephoto gimbal head or a panoramic head should be levelled.

The geared center column **TRIO CC-PRO75**, (optional accessory) is suitable for quick and precise shooting-height adjustment. A time-consuming leg length matching is no longer required.

All devices can be inserted into the 70 mm tripod basis mouth and fixed using three headless screws.

Removing the upper tripod platform

For this, loosen the three headless screws (5) at about 2/3 of theirs length. Use the hex key which is part of the Multi-Tool (included in the scope of delivery).

After that, pull out the tripod platform.