

CAMBO

Instruction Manual UST and UBS stand



Please read this manual carefully before using the UST/UBS!

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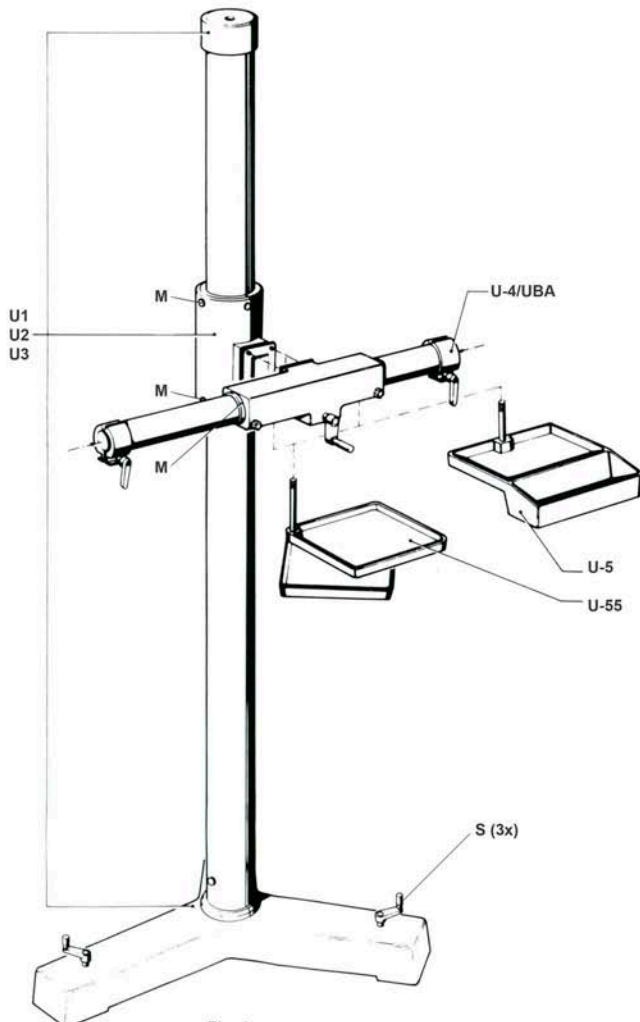
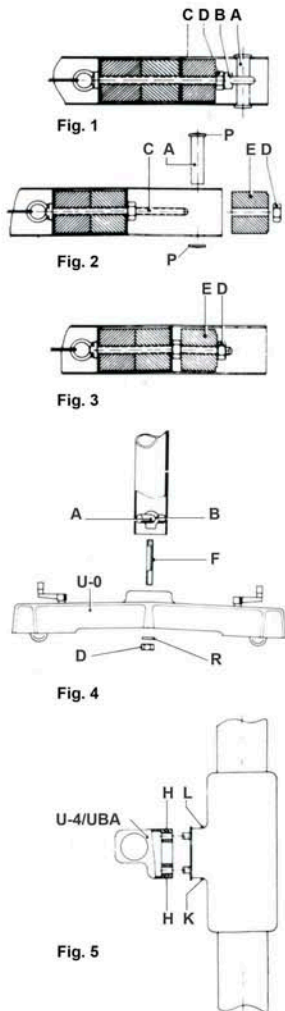
This instruction manual is prepared with care, although no responsibility, financial or otherwise, is accepted for any consequences related the information stated in this instruction manual.

All specifications in this instruction manual are subject to change without prior notice.

For more information please visit the Cambo web site: www.cambo.com

UST

WARNING:
ALWAYS PLACE THE COLUMN IN A HORIZONTAL POSITION WHEN CHANGING OR ADJUSTING THE COUNTERWEIGHT, THE CABLE AND/OR THE PULLEY ASSEMBLY.



Mounting instructions Combo UST-stand with U-0 Base.

The columns of the UST-stands are assembled with three counterweights. For a single camera setup two weights may be sufficient. For use with more accessories or a laptop tray it may be useful to keep the complete weight assembly in place.

Fig. 1 Dismantling of counterweight-blocking.

Support the column horizontally. Remove shaft A from the column. Remove eye-nut B from threaded bar C and leave counter-nut D in place. When you want to use the stand with full counterweight capacity, skip Fig. 2 and go to step Fig. 4.

Fig. 2 Disassembly of additional counterweight.

If you want to remove the additional counterweight (approx. 8 kgs), unscrew nut D from threaded bar C, remove counterweight E and place the buffer rings back in place and lock nut D firmly in place again. Note: pipe-wrench m20 is supplied with the base.

Fig. 3 Remounting of the additional counterweight.

If you need to remount the removed counterweight E, you may just slip the counterweight over the threaded bar C and lock it with an extra m20 nut by means of a wrench m20, in order to avoid to disassemble the other weights again.

Fig. 4 Mounting of the column on to the base.

In a separate carton box inside the packing of the base you will find stud F. Screw this stud into the eye-nut B, which is positioned around shaft A, while shaft A is locked in place with 2 plastic caps P. Guide the stud F through the center hole of the base. Now mount all centered on to the base and tighten firmly with counter-nut D and the included washer R. The stand can now be stood vertically.

Fig. 5 Assembling arms U-4 or UBA to the sliding collar.

Set the sliding collar at a height of approximately 1,2 mtr (4'). Slide the arm with its 4 holes over the 4 receivers on the sliding piece and lock the four countersunk screws H, using the hex screwdriver packed with the arm. Tighten firmly, do not overtighten.

Fig. 5 Brake adjustment.

If you find it necessary to tighten the brake, act as follows: Unlock the brake by keeping the handle of the sliding collar to the left. Loosen screw L with half a turn and tighten screw K half a turn, still holding the brake in unlocked position against the spring pressure. Adjust as required but do not overtighten.

Fig. 6 Adjustments of sliding collar and U-4 double arm.

After intensive use it might be necessary to adjust play in the guides of the column and/or the crossarm. Remove the plastic covers and you will find adjusting screws M behind it. Gradually adjust play around the vertical column or horizontal tube.

Fig. 6 Mounting of the cranks to the base.

Slide the 3 cranks S over the pins of the floor locks and tighten the hex screws with the included hex key, positioned at the flat spots of the floor locks.

For mounting accessories to the crossarm, position the red dot at the mount of the accessory opposite of the red mark on the arm and push it in. Tighten firmly with the handle. To adjust the handle in a better position. pull handle outwards and displace.

MOUNTING INSTRUCTIONS UST-STAND WITH U-0 BASE AND ROTATING ADAPTER S-6 (S-6 Not available anymore)

If you have to mount a rotating adapter S-6 between your U-0 base and your UST-column, follow the next instructions:

Prepare your stand according to the instructions Fig. 1, Fig. 2, and Fig. 3.

Fig. 7 Mounting of rotating adapter. (also see Fig. 12)

Replace the original eye-nut (B) by the smaller one (G), packed with you S-6, and mount it by means of shaft A, and remount the plastic covers on shaft A.

Place the four screws (26) through the four holes in the large cover-plate (20), and mount the plate with the hexagonal bolt (m16x65) onto the eye-nut. Tighten firmly wrench SW-14, which is also packed with your S-6. Make sure the plate is mounted centric to the column. The four screws extend at the bottom of the plate. Mount the housing of the S-6 onto the base with the long hexagonal bolt (21) m12x130 mm with the reducing socket Y.

Place the column upright, with the four screws of the cover-plate above the four holes in the housing.

Then tighten the cover-plate with these four bolts (26) to the housing.

Continue with the instructions UST-stand from Fig. 5.

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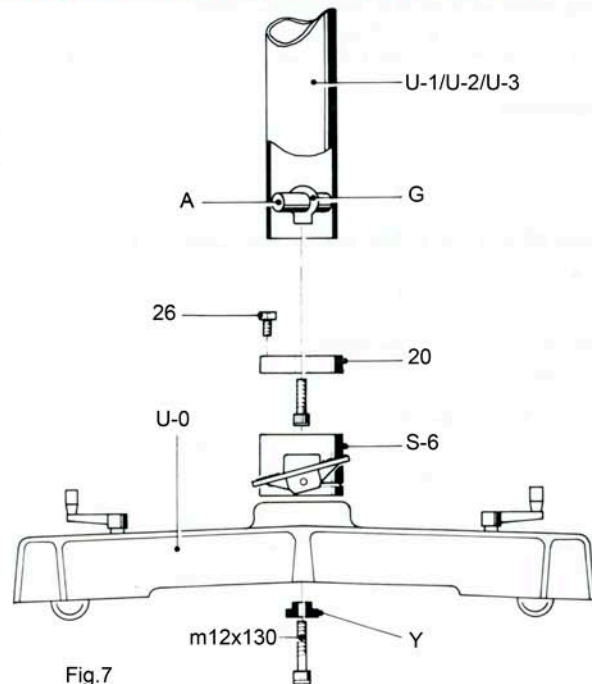


Fig.7

3

MOUNTING INSTRUCTIONS UST-STAND WITH UCB-0 BASE. (Fig. 8)

Follow instructions of mounting UST-0 base, but use the shorter stud X (Fig. 11) instead of the normal stud F. Use wrench W (Fig. 11) for tightening counter-nut D. The short threaded end of stud X must be screwed into eye-nut B.

MOUNTING INSTRUCTIONS UST-STAND WITH UCB-0 BASE AND ROTATING ADAPTER S-6 (discontinued, Fig.9)

Follow instructions of mounting UST-0 base, prepare your stand according to instructions Fig. 1, Fig.2 and Fig. 3.

Fig. 9 Mounting of rotating adapter. (see also Fig. 12)

Replace the original eye-nut (B) by the smaller one (G), packed with your S-6, and mount it by means of shaft A, and remount the plastic covers on shaft A.

Place the four screws (26) through the four holes in the large cover-plate (20), and mount the plate with the hexagonal bolt (m16x65) onto the eye-nut. Tighten firmly using wrench SW-14 which came with your S-6. Make sure the plate is mounted centric to the column. The four screws extend at the bottom of the plate. Mount the housing of the S-6 onto the base with the shorter hexagonal bolt (21) m12x80, with the reducing socket Y.

Place the column upright, with the four screws of the cover-plate above the four holes in the housing.

Then tighten the cover-plate with the four bolts (26) to the housing.

Continue with the instructions UST-stand from Fig. 5.

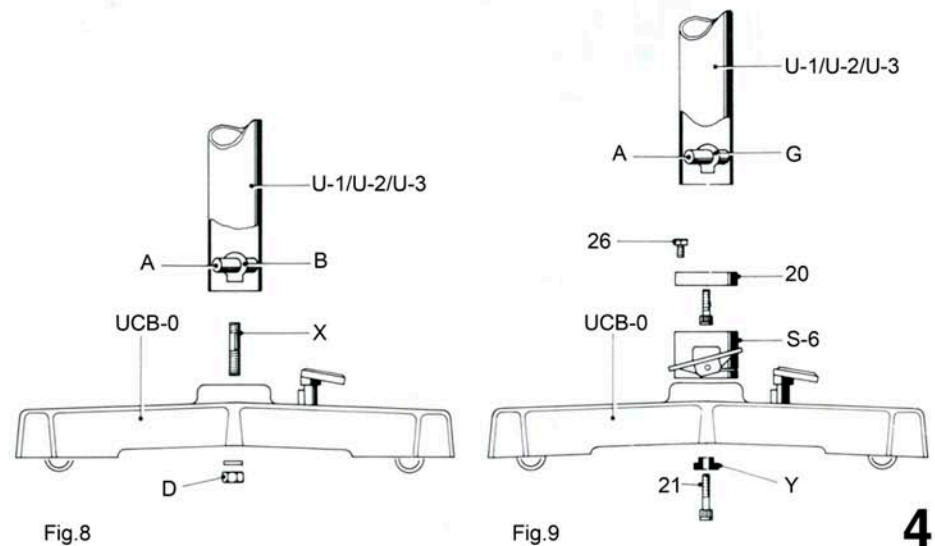


Fig.8

Fig.9

4

UCB-0 BASE INSTRUCTIONS (Fig.10 & Fig.11)

The Universal Central Blocking base is suitable to support the UST as well as the UBS stands, or with the MBX-11 adapter support the MBX stand column.

Lifting height is adjustable by means of three adjusting pins (D - E)

Adjusting the lifting height:

The UCB base is delivered with the three adjusting pins E and pads D in high position.

The base now blocks almost on its casting and has its maximum lifting height.

If you want to minimise this lifting height, screw down the three pins E until you find your desired position. After adjusting, tighten the counternut C and the three plastic covers can be pushed in.

Adjusting screw E in direction A (clockwise) = pin downwards, in direction B (counter-clockwise) = pin upwards.

Blocking

Pedal up = blocking position, pedal down = release position.

To release the base, push the pedal down and twist your foot to the right.

To block the base, push the pedal a bit, twist your foot to the left and release pedal.

Make sure you release the pedal slowly to avoid suddenly dropping towards the floor.

UCB-0

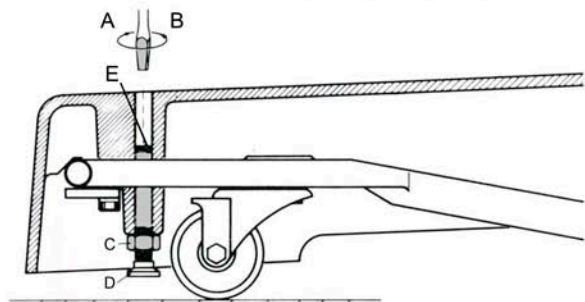


Fig.10

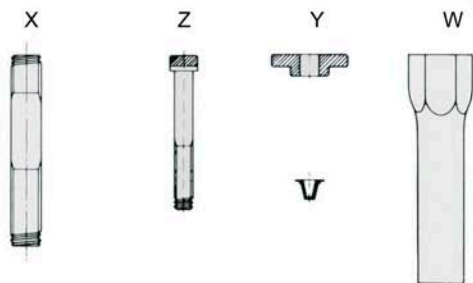


Fig.11

Options for adjusting the UCB base lifting/resting height

You can adjust how your UCB base will behave while locking it in position. The default setting from the factory will let the base rest almost on the edges of the casting. It will be resting on the swivel pads D.

For MAXIMUM stability, you can lower the base even more until it rests on the casting itself, by retracing the adjusting pins E from fig.10 all the way inward. (turn the screwdriver B, counterclockwise). Note also to turn nut C towards D first!

WARNING:

setting the base in this position may damage your floor in case you have a wooden or tile floor. In that case it is better to leave the base resting on the pads D.

To MINIMISE the lifting height, when going from the locked position to the lifted position in order to move the stand, you may lower the pins E as close as possible towards the floor. (turn the screwdriver A, clockwise).

WARNING:

setting the pins E with swivel pads D close to the floor in lifted position may cause interference with carpet floors, and may not allow you to roll the stand across cables and strips on your studio floor. In that case you will need to choose for a higher position of the pins.

UCB-0 BASE INSTRUCTIONS for mounting with MBX column

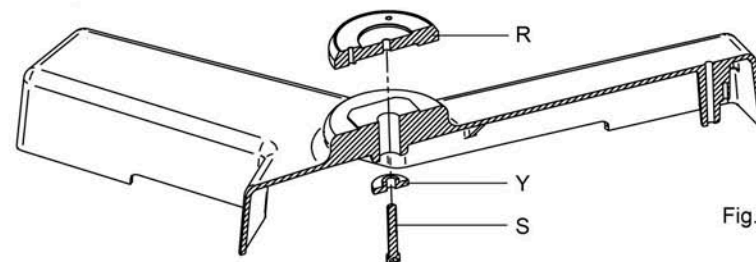
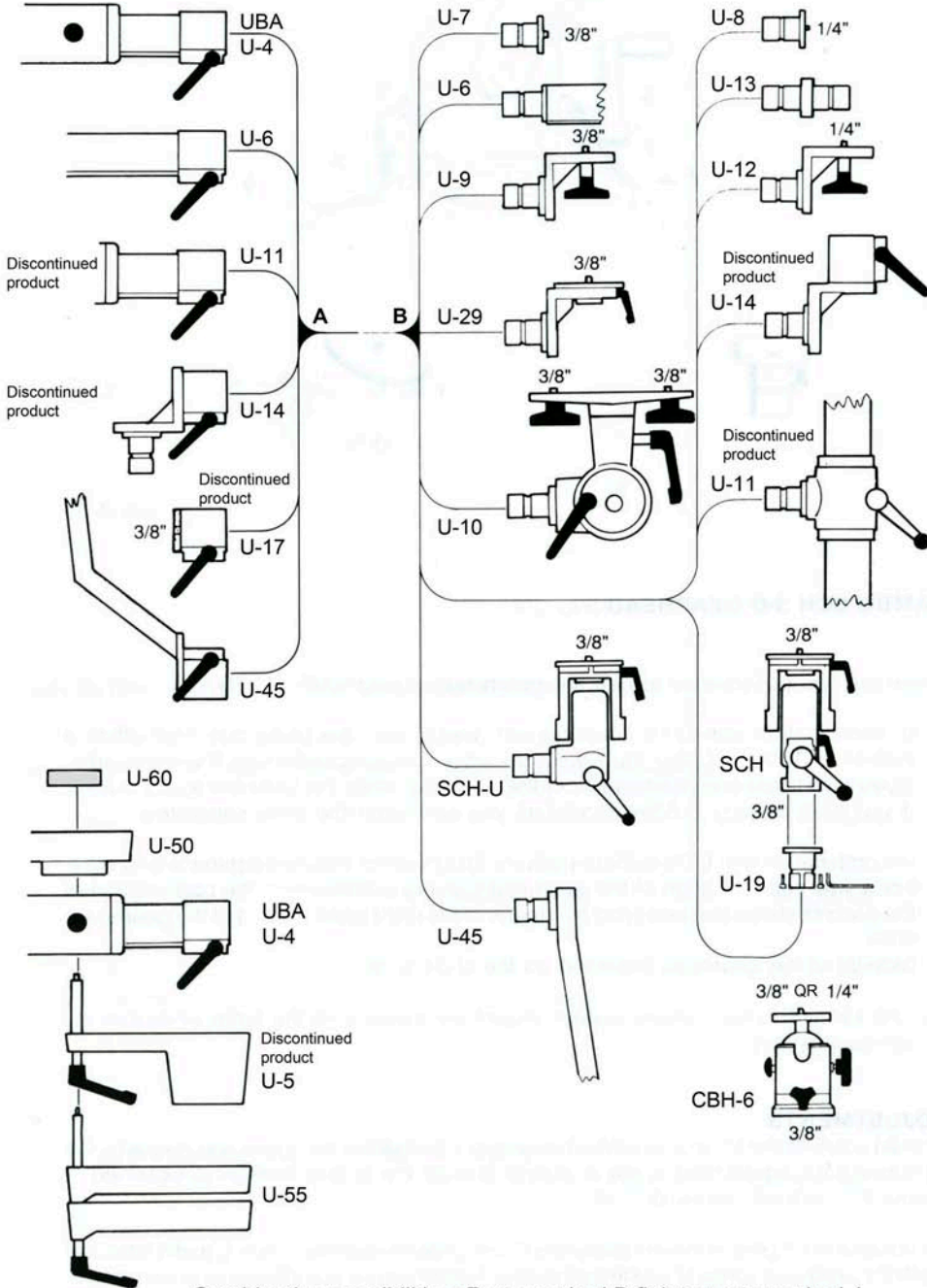


Fig.12

To mount a MBX column to the UCB base, you need the adapter MBX-11. This adapter set consists of Flange R, Washer Y and bolt S (m12x75 hex). Slip the washer Y around the bolt S, so that the edge fits in the center hole of the base. Then firmly tighten from under the base into the flange R (with a hex/key 10). Flange R will fit over the square extension of the base to protect against unwanted rotation. Now you can place the base flat and start to mount the MBX column with 3 bolts to the top of flange R.

ACCESSORIES

THE SYSTEM:



Combination possibilities: Parts marked B fit into parts marked A.

UBS

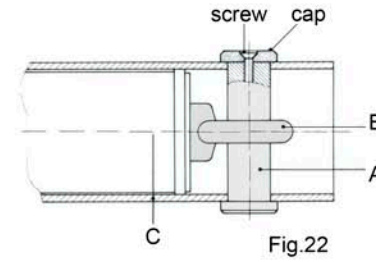


Fig.22

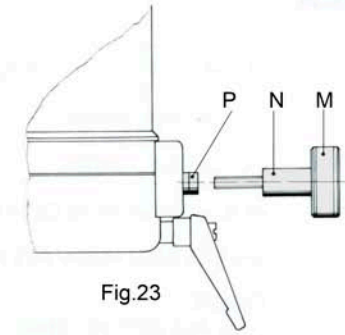


Fig.23

MOUNTING INSTRUCTIONS CAMBO UBS-STAND WITH U-0 OR UHD-BASE.

The columns of the UBS-stands are supplied with one counterweight. If the counterweight should be too heavy, it is possible to order small balance weights (code U-60) which will subsequently fit into two cavities in the U-50 accessory tray.

Fig. 22 & 23 Preparation before mounting on to the base.

Support the column horizontally. Remove shaft A from the column. Remove eye-nut B from the bar C. The counter-nut D and the locking ring are attached to the sliding piece in a plastic bag. Also in the plastic bag you will find knob M and spacer-bushing N. According to Fig.23, remove the screw P from the bottom end of the sliding piece, and insert knob M with spacer-bushing N, then rotate sliding piece to zero-position (see scale) and secure rotation lock with knob M.

Fig. 4 Mounting of the UBS column on the base (see page 2).

In a separate carton inside the packing of the base you will find stud F. Screw this stud with the short threaded end into eye-nut B. Insert eye-nut and stud into the column by means of shaft A. Now mount the base and tighten firmly with counter-nut D and locking-ring under it. The position of the column on the base must be that way, that when the knobs and handles on the sliding piece are facing you, one leg of the U-0 or UHD base is pointing backwards.

Fig. 8 Mounting of the UBS column on the UCB-base (see page 5).

Follow instructions of mounting the U-0 base, but use the shorter stud X (fig.11) instead of the normal stud F. Use wrench W (Fig.11) for tightening counter-nut D. The short threaded end of stud X must be screwed into eye-nut B. Be sure the pedal on the UCB-base is in front of you when the knobs and handle of the sliding piece are facing you.

Fig. 5 Assembling the UBA arm to the sliding collar (see page 2).

Set the sliding collar at a height of approx. 1,20 mtr (4 ft.). Push the arm over the 4 pins and fix the UBA with four countersunk screws H, using hexagonal screwdriver packed in the plastic bag on the arm.

Adjustments.

The handles of the vertical brake and both crossarm ends can be adjusted by locking these into the locked position, then pull out the handle and displace into a more favourable position. The Roller Bearings of the sliding collar and the UBA crossarm are free of maintenance.

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