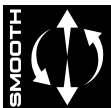




REAPER GRIP



**HEAVY DUTY
CONSTRUCTION**



**SMOOTH
PAN / TILT**



**USER FRIENDLY
OFFSET GRIP**



**PRECISE
LONG RANGE
PRECISION**



**PROTECTIVE
PADDING**



**ADJUSTABLE
TAPERED GRIP**



USER MANUAL

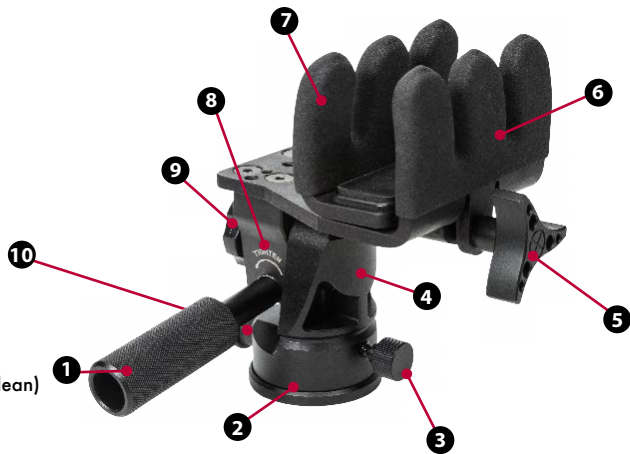
EU-KJ86000

KJI REAPER GRIP USER MANUAL

Thank you for choosing KJI, the world's best, most versatile tripod-mounted gun rest system. Every ounce of product knowledge you need to become a KJI Reaper Grip expert is contained in these few pages—the rest is just trigger time. Welcome to our ranks.

DIAGRAM

1. Control Arm
2. Mounting Base
3. Drag Adjustment Knob
4. Hinge Block
5. Grip Adjustment Knob
6. Fixed Curved Grip
7. Pivoting Curved Grip
8. Saddle Clamp
9. Dowel Pin Cover (only remove to clean)
10. Locking Pin

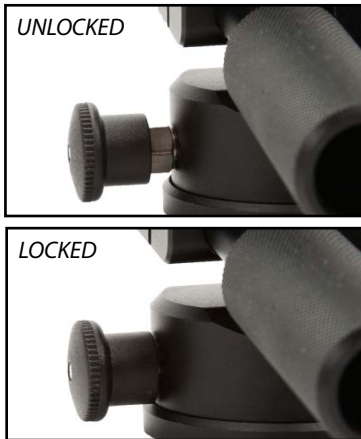


ASSEMBLY

Your Reaper Grip comes in a slightly disassembled form. To assemble, simply screw the control arm into the saddle clamp. **The control arm is reverse threaded.** Do not overtighten. Locking the Reaper Grip into position takes minimal torque. Overtightening the control arm may damage your Reaper Grip. Your Reaper Grip is now assembled and ready to attach to a tripod or other mounting fixture like the KJI Ambush. Your Reaper Grip is equipped with a 3/8-16" threaded hole on the underside of the hinge block. If your tripod or mounting fixture requires 1/4-20 threading, your Reaper Grip includes an adapter. Once you ensure your thread patterns match, you are ready to mount the Reaper Grip.

ATTACHING TO TRIPODS OR OTHER MOUNTING FIXTURES

The Reaper Grip is equipped with a locking pin to prevent rotation of the base when attaching or removing the Reaper Grip from a tripod or other mounting fixture. To mount the Reaper Grip to the tripod, you first need to ensure the locking pin is engaged and in the locked position. To do this, rotate the hinge block while holding onto the base plate. You should hear an audible click when the locking pin engages in one of the four stops. These stops are located in 90-degree increments. You should now be unable to independently twist the base plate from the hinge block. After locking the base plate, you can now tighten the Reaper Grip to the tripod. Once you have firmly mounted the Reaper Grip to the tripod, disengage the locking pin by pulling the knob out and slightly rotating it in either direction.



DRAG ADJUSTMENT (PANNING)

Opposite the locking pin, you will find the Drag Adjustment Knob. The Reaper Grip is designed to enhance engagements with stationary targets, as well as tracking moving targets. As such, the horizontal pan was not designed to completely lock down. The drag adjustment knob is constructed of a nylon tip to create a smooth horizontal pan that can increase or decrease the resistance of the horizontal motion. Tighten the drag adjustment knob (clockwise) to increase drag (passive resistance). Loosen the knob (counterclockwise) to decrease resistance. Do not overtighten the drag knob. Doing so may damage your Reaper Grip.

REVERSE HANDING FOR LEFT-HANDED SHOOTERS

The Reaper Grip is shipped in a right-handed shooter orientation. For left-handed shooters, simply remove the four allen screws from the grip's control handle assembly by using a 5/32" allen wrench. Rotate the grip 180 degrees and re-install the four screws.



SECURING A STOCK OR CHASSIS IN THE GRIP

To secure a stock or chassis in the Reaper Grip, set the stock down into the Grip just forward of your magazine compartment (this prevents obstructions of rifle components you may need to access). Hold the rifle so the stock or chassis is resting completely at the base of the grip. Tighten the grip knob until the rifle is secure. The Grip pivots to accommodate tapered stocks and chassis. The tops of the grips also curve inward slightly, toward the interior of the grip. The curved grip is designed to pull and hold the stock or chassis down into the bottom of the grip.



KJI REPLACEMENT GRIP SLEEVE

If your grip begins to wear down, you can purchase a replacement grip sleeve (EU-KJ89004.) Simply slide off the old rubber grip sleeve and replace with the new sleeve.



Please visit www.KJIprecision.com for warranty details and information

WARNING

Before handling the Reaper Grip, read and understand the contents of your tripod manual, as well as this KJI Reaper Grip manual. Follow these safety precautions:

- Never leave a loaded firearm in the rest without maintaining positive physical control over the shooting system.
- Do not exceed your tripod’s maximum load capacity. (see your tripod manual)
- Ensure the Reaper Grip is fastened tightly to your tripod.
- Ensure your firearm is gripped tightly and is secured at the bottom of the grip assembly.
- Always remove your firearm and accessories from the Reaper Grip during setup and before transporting.

MAINTENANCE

To clean the stainless steel dowel pin, remove the dowel pin cover and loosen or remove the control arm. Ensure the direct mount plate is perpendicular to the top of the hinge block so that the grip adjustment bolt is centered on the recessed channel (at the top of the hinge block) and pull the saddle clamp (away from the hinge block) off of the dowel pin. Wipe away debris from the dowel pin. Re-install the saddle clamp on the dowel pin. Re-install the dowel pin cover. Re-install the control arm.

- Do not use lubricants or grease on the stainless steel dowel pin
- Use standard lubricant or grease on the control arm threads as necessary

GENERAL DESCRIPTION	
Brand Name	KJI
Model Name	Reaper Grip System
Category Name	Gun Rests
SKU Number	EU-KJ86000

UPC Number	812495029394
TECHNICAL SPECIFICATIONS	
Dimensions, in/mm	6,84 x 6,04 x 6,57 / 174 x 153 x 167
Material	Aluminum
Vise width range, in/mm	1,5 - 2,9 / 40 - 71
Pan rotation angle	360°
Vertical Rotation Angle	87° Down , 21° Up
Mounting	3/8" - 16 Threaded Hole
Weight, lbs/g	0,67 / 306
INCLUDED ACCESSORIES	
	Camera thread adapter
RELATED ACCESSORIES	
	EU-KJ85001 KJI K700 AMT Tripod
	EU-KJ85002 KJI K800 CF Tripod
	EU-KJ85005 KJI Ambush Support Assembly
	EU-KJ85005K KJI Ambush Shooting Rest Kit
	EU-KJ89004 KJI Replacement Grip Sleeves
	EU-KJ89002 KJI Reaper Rig Accessory Plate
FEATURES	
	Smooth Pan/Tilt
	Heavy Duty Construction
	Locking 4cm - 7,1cm firearm grip



K700 AMT TRIPOD



**3-POSITION
ANGLE LOCKS**



**DURABLE FOAM
SOFT GRIPS**



**UP TO 183 CM FULLY EXTENDED
UNDER 67 CM FOLDED**



**HEAVY DUTY
LEG LOCK LEVERS**



**REVERSIBLE
CENTER COLUMN**



**UP TO 11 KG
LOAD WEIGHT**



USER MANUAL

EU-KJ85001

HEAVY DUTY K700 TRIPOD

When the stakes are high, shooters require no compromise. The Heavy Duty K700 tripod meets the demanding needs of LEO, military personnel, hunters and precision shooters. From prone to standing, the K700 features adjustable 3-level angle locks and 2-level leg extensions with locking levers providing rifle stability and comfort in almost any shooting position. The reversible center column allows you to adjust the height of your firearm or camera by an extra 38 cm. Crafted of sturdy aluminum, K700 features sure-grip foam panels, rubber grip feet and holds up to 11 kg. Fully extracted, the tripod measures 183 cm and fully retracted, 67 cm. The Heavy Duty K700 includes a tripod case and 3/8"-16 (1/4"-20) reversible threaded stud.

SPECIFICATIONS

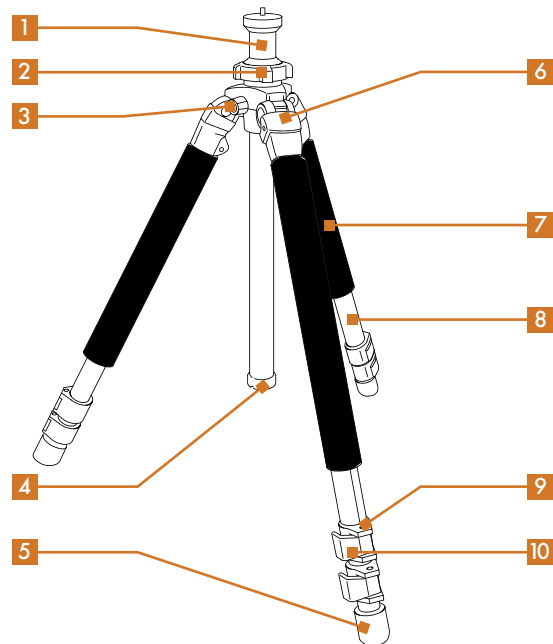
Maximum operating height (in/mm)	72 / 1829
Minimum operating height (in/mm)	10.75 / 273
Maximum center column extension (in/mm)	14.9 / 380
Folded length	27 / 686
Material	Aluminum
Weight (lbs/g)	5.5 / 2510
Number of leg sections	3
Maximum load	25 lbs / 11 kg
Leg lock type	Lever lock

INCLUDES:

- Carrying case
- Allen key

DIAGRAM

1. Center column
2. Center column locking collar
3. Center column stopper
4. Center column base stopper
5. Rubber leg tip
6. 3-position leg angle adjustment lock
7. Soft grip
8. Leg
9. Leg lock
10. Leg lock lever



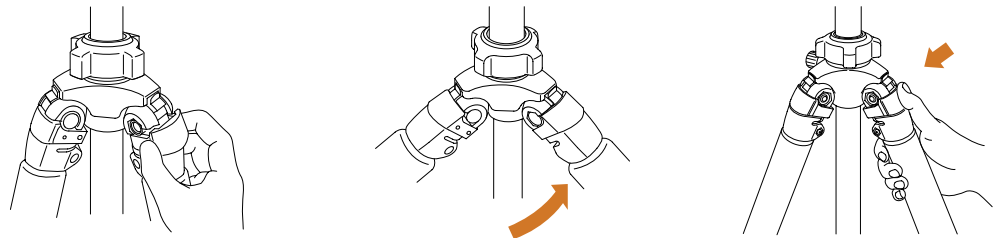
OPENING THE TRIPOD LEGS

Be sure to open all three legs completely in order to prevent camera shake or accidental tip overs caused by instability. To open the legs, pull the angle adjustment lock out.



ADJUSTING LEG ANGLE

1. To change the angle of each leg, close the leg slightly and then pull the angle adjustment lock out. (Three total adjustments)
2. After choosing the desired leg angle, securely push in the adjustment lock.



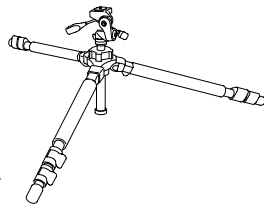
EXTENDING TRIPOD LEGS

1. Flip up the leg lock lever and extend or shorten each individual leg to the desired height.
2. Press the leg lock lever to lock in position.



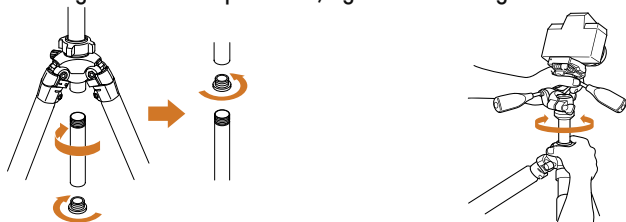
HOW TO USE PRONE OR SITTING

1. Remove the center column base stopper, then remove the lower part of the center column.
2. Put the center column base stopper on the upper part of the center column.
3. Insert the center column from the lower side of the main body and tighten the center column stopper.
4. Make sure to re-attach the center column base stopper in order to prevent the center column from falling out accidentally.



USING THE CENTER COLUMN

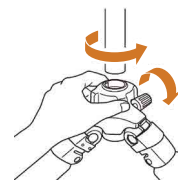
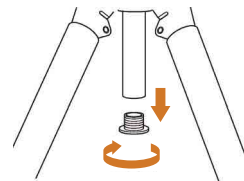
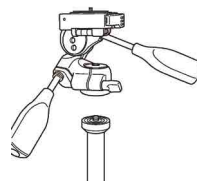
1. Hold onto the pan head with one hand and loosen the center column stopper and center column locking collar with other hand.
2. Next, raise or lower pan head to desired height.
3. While maintaining a hold of the pan head, tighten the locking collar and stopper.



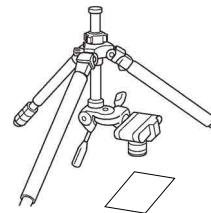
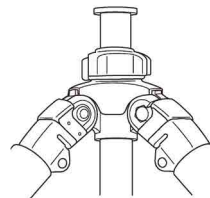
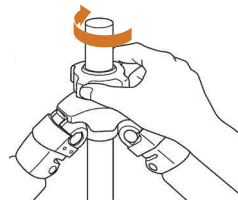
CAUTION - You may injure your hand if you let go of the pan head before locking it in place.
To avoid unnecessary camera or rifle movement, try to keep the center column height to a minimum.

INVERTING THE CENTER COLUMN

1. Always remove the pan head before inverting center column.
2. Remove the center column base stopper turning it clockwise.
3. Loosen the center column stopper and the locking collar, then pull out the center column.



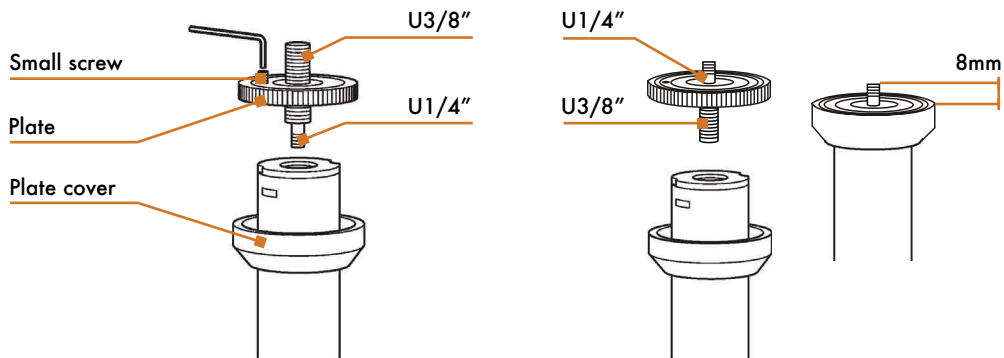
4. Insert the center column from the lower side of the main body and tighten the locking collar and the center base column base stopper.
5. Make sure to re-attach the center column base stopper.
6. By inverting the center column, it is possible to do close-ups.



CHANGING THE PAN HEAD FIXED SCREW

The pan head fixed screw is reversible for either large thread (3/8") or small thread (1/4").

1. Move the plate cover down.
2. Loosen the small screw in about three turns with an Allen wrench (2.5mm width.)
3. Loosen the plate without removing the small screw.
4. Loosen the pan head fixing screw and pull it out. Then, screw it in again after reversing the top and bottom.
5. Adjust the height of the screw in approx. 8mm above the plate and then tighten the small screw with an Allen wrench.
6. Put the plate cover back.



REPLACEMENT PARTS

If your tripod's feet begin to wear down, then simply visit www.KJlprecision.com to purchase replacement feet. Easily slide off old feet and replace with the new ones.

MAINTENANCE

- DO NOT apply any grease or oil anywhere on this tripod.
- Clean with a mild detergent and a soft cloth only.
- Avoid extreme heat and do not use close to a flame.

WARNING

Before handling the tripod, read and understand the contents of the manual. Follow all standard safety precautions and procedures during use.

- Never leave a loaded firearm on the tripod without having positive physical control over the shooting system.
- Do not exceed the tripod's maximum load capacity.
- Ensure all accessories are fastened.
- Always remove camera, spotting scopes and other accessories during setup or transport.

WARRANTY

Please visit www.KJlprecision.com for warranty details and information.



www.KJlprecision.com