FocusCube & Motor focus kit installation guide

Use the 4 x Allen head bolts and attach the bracket to the motor. Do not overtighten them as you need to adjust the final position of the motor (Step 3).

Step 1
Remove telescope focuser’s coarse knob. (Avoid to install the motor kit to 1:10 fine focus knob as the motor has very high step resolution)

Step 2
Use one of the supplied couplers on your focuser’s shaft. (Motor shaft is 5mm)

Step 3
Slide the L bracket up or down so it can touch the focuser’s surface. (Loos all 4 alien screws of the bracket)

Step 4
Attach the motor to the focuser and join the coupler with motor shaft. (Loos all 4 grab screws of the motor coupler)

Step 5
Carefully examine the options you have to attach the bracket to one or more thread holes underneath your focuser. Use compatible screws and spacers (included) or use your locking thumbscrew to attach the motor on your focuser. Try not to mess with friction screws as you may have slippage on the drawtube of your focuser. You may need to unscrew a bit the motor coupler on both sides to align the holes of the bracket with your focuser’s threads.

Once you have installed the motor kit, you don’t need the drawtube brake, as the motor locks the shaft. (Don’t try to turn the knob by hand as the motor kit has a gearbox and you may damage it).

Alternatively use a longer dovetail and grab the bracket on it.

You are ready to go!

more info at pegasusastro.com
QUICK INSTALLATION GUIDE
Thank you for choosing our product

Current evolution of technology in astronomy requires a system which will assist the focusing of the telescope with great accuracy. Fast optics and modern camera devices require automatic focusing in every small period of time as temperature can affect focal length and modify the optimal focus position. Pegasus FocusCube v2 has been developed to meet these requirements.

Designed in high quality with modern electronics it can provide digital precise focus control from a PC. FocusCube includes a stepper motor for absolute position focusing. Electronics and stepper motor are enclosed in a compact sized box.

Available Brackets: Universal L shaped or SCT

Operating Instructions:
- Plug the temperature sensor to the RJ45 socket.
- Plug the USB cable to the device.
- Plug the power cable into the 12V DC IN socket.
- Device will boot after three seconds and the green indication LED will blink three times. This means that firmware was loaded successfully and the “FocusCube” is now fully operational.
- Download USB drivers, standalone software or ASCOM drivers from pegasusastro.com/support in order to connect to the device.

Observer’s Hint: Order the optional Hand Controller and focus, vibration free, your telescope using the digital knob.

FocusCube v.2 is a standalone device. The RJ45 socket (EXT) is only for the Hand Controller or the temperature probe. DO NOT connect any external controller such as Ultimate Powerbox or Dual Motor Focus in the RJ45 as it will cause damage to device.

What is in the box:
- 1 x FocusCube v2
- 4 x M3 bolts for L shape bracket
- 1 x DC Cable (2.1m plug) to Cigarette Lighter (3A fused)
- 1 x USB2 Cable Type A to B (1.8 meters)
- 1 x Temperature Sensor
- 6 x Motor couplers 3mm-8mm (Universal model) or 2 x Pulleys & Belt (SCT model)
- 1 x Black Anodized Bracket (Universal L shaped or SCT model)
- Different sizes of bolts and spacers

Optional Accessories:
- Hand Controller

Device is covered by one (1) year warranty
Designed and Assembled in Greece

For any questions and support please contact: info@pegasusastro.com