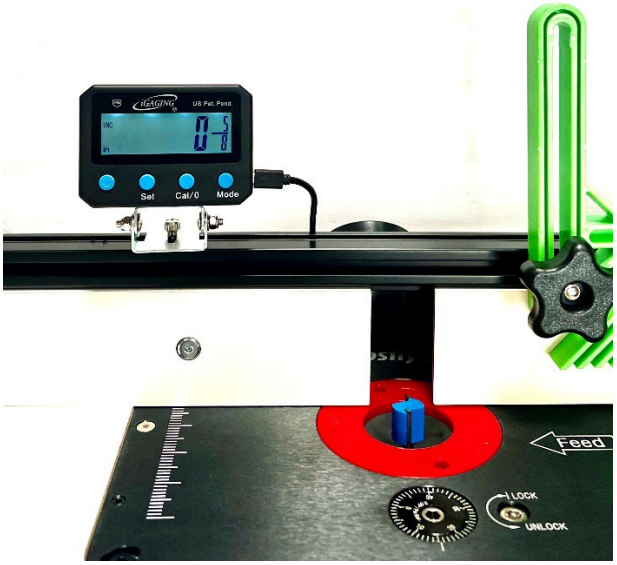
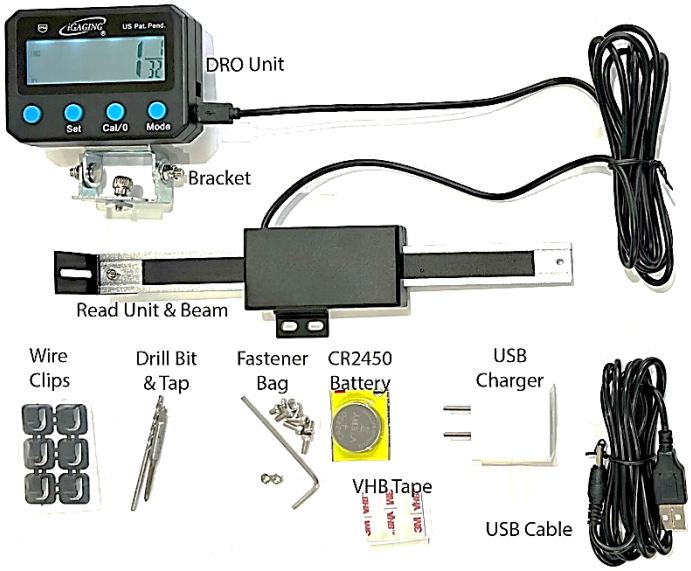
#35-700-R4

Installation of the iGAGING® Router Table Digital

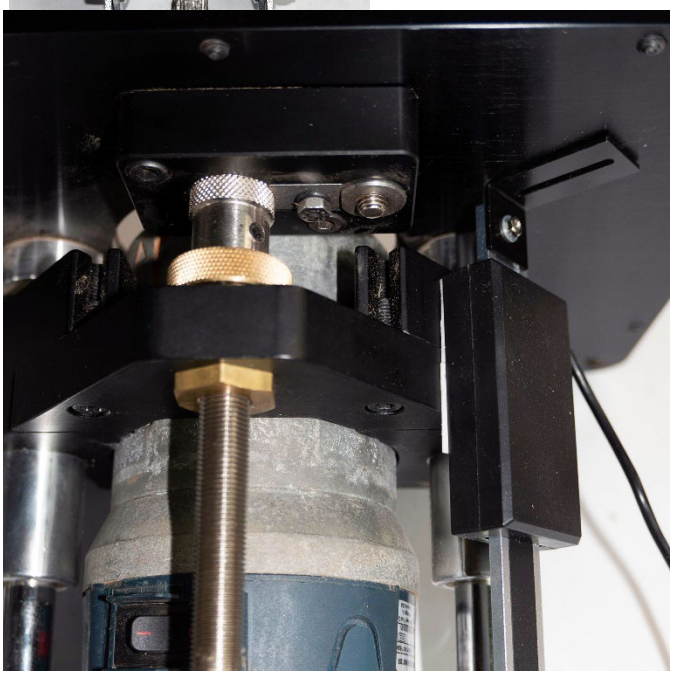




Parts required for installation (Battery or USB to AC Power Supply)

Installation Instruction

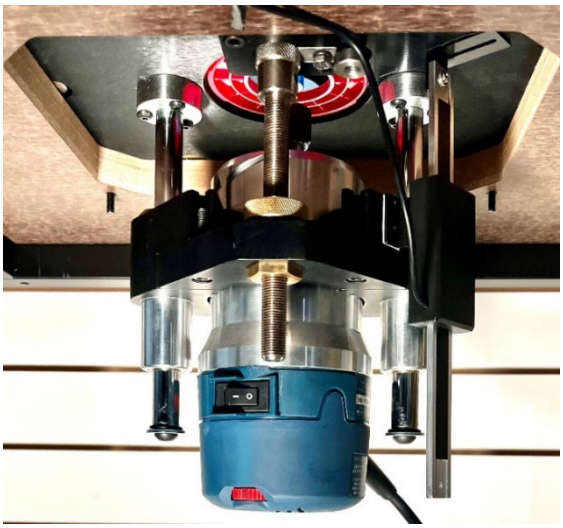
Step 1: Attach the bracket to the back of the DRO unit using the sharp point screws in the fastener bag.



Step 2: Remove the lift from the router table and crank the lift mechanism to raise the router as high in the lift as possible. Place two strips of VHB tape on the back of the read unit, then use the VHB tape to attach the read unit as high as possible to a flat area on the lift. Be sure that the surfaces to which the VHB tape attaches are clean. The L-bracket on the end of the beam should be slightly below the underside of the insert plate.

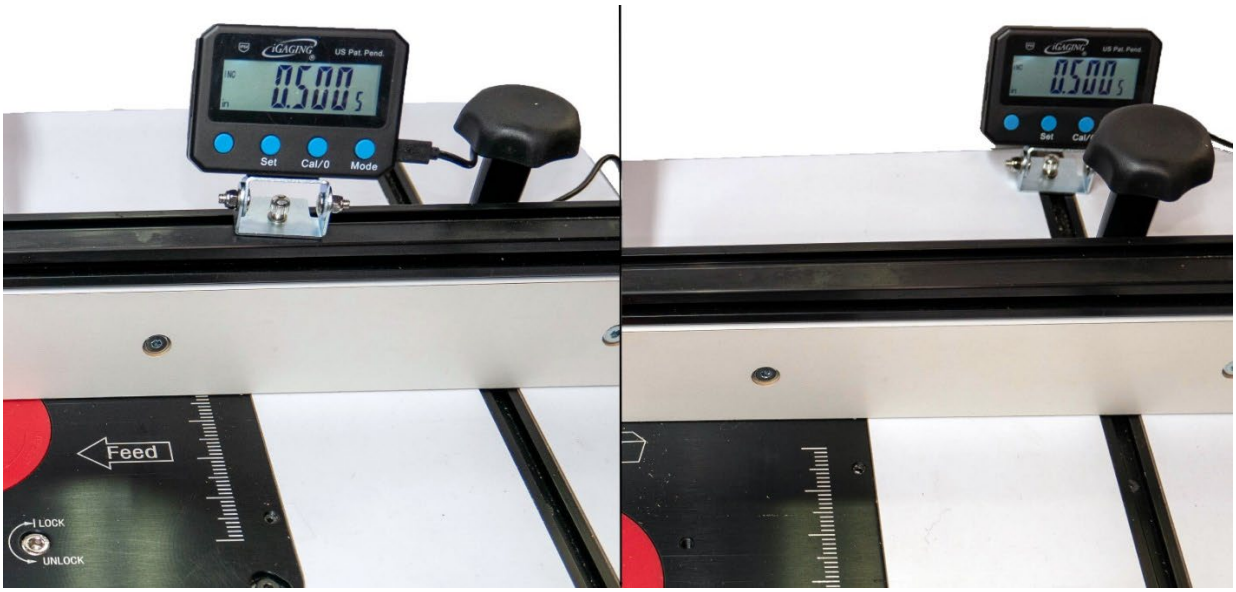
Step 3: Crank the lift mechanism to lower the router about halfway down the lift. Place one strip of VHB tape on the underside of the L-bracket, then firmly press the L-bracket and VHB tape to the underside of the insert plate.

Alternatively, instead of VHB tape, you can use the included drill bit, tap, and extra screws in the fastener bag to attach the read unit to the lift and the L-bracket to the insert plate. For permanent and long-lasting usage, please use the drill and tap provided for bracket installation with screws (Hexa M3).



Step 4: Replace the lift and wires back into the router table.

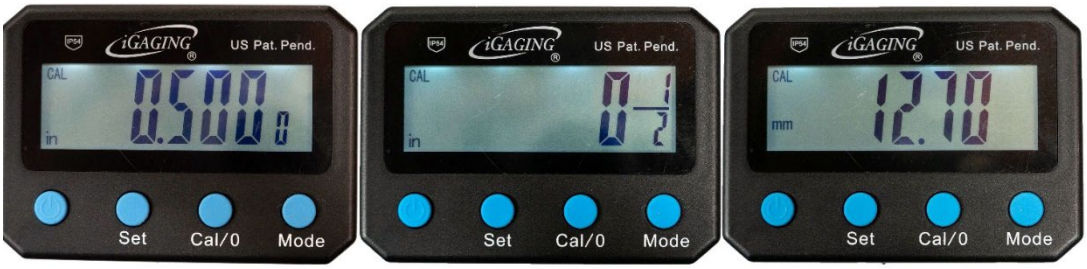
Step 5: Attach the DRO to a ¼" t-track on tabletop then attach the USB cable from the read unit to the DRO. Use the wire clips to guide the wires.



Or, the DRO could be attached under the router tabletop and angled outward:

Operating Instruction for Router Lift:

1. Crank the lift mechanism to bring the top cutting edge of the router bit flush with the top surface of the router lift.
2. Short press the on/off button to turn on/off the DRO.
3. Short press the Mode switch to select decimal inch, fractional inch, or mm.



4. SET ZERO by pressing Cal/o.
5. Crank the lift mechanism until the desired bit height is reached.
6. Lock the lift mechanism.

For use on a planer or other machine where *preset* is needed:

1. SET: Long press (3 seconds) the key to preset a preferred number value if needed. "CAL" will blink on the display. Long press the key again, the first number digit will blink. Short press the same key to change the number value. Long press the key to move to the next digit. Repeat the steps until the last digit is set. Long press the key again, "CAL" will blink. Short press the key to save and exit the mode. "CAL" will stop blinking. Preset value can only be set in inch decimal and metric decimal modes.
2. Calibrate the preset value with the Router Table: After the perset value is set, move the router to the desired height. At this stage, long press the SET key until the "CAL" is blinking. The display should read the saved preset value. Short press the key to finish the calibration. "CAL" stops blinking and calibration setting is finished.
3. Short press the Cal/0 button to zero the DRO. Switch the reading between the calibrated reading and incremental / temporary zero reading. Short press the key, display will show "INC" to enter an incremental zero setting. To return to the calibrated measurement reading, short press the key again. Display will read "CAL".

Battery / AC Power: For replacement, pull battery holder out from the left of the display. Make sure "+" is facing down. The CR2450 battery has more capacity and will last longer than the more common CR2032; the batteries are not interchangeable. As an alternative to battery power, you can use the USB cable with the AC adopter (both provided) into an electrical outlet to power the DRO.