



Starbird™

SB-1 ASSEMBLY AND FUNCTIONALITY

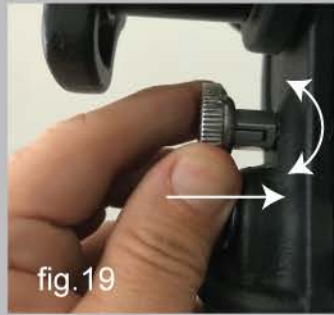
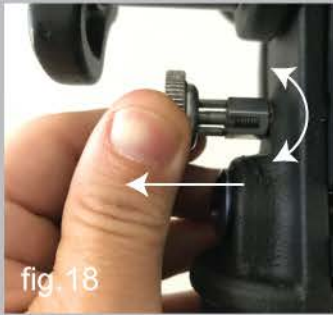
IMPORTANT - Carefully read all manual instruction prior to assembly or operations. Call directly 1-888-846-8776 Mon-Fri 9-5 PST or write Triad-Orbit / info@triad-orbit.com for any questions concerning SB-1.



TRIAD-ORBIT
ADVANCED STAND SYSTEMS
REVOLUTIONARY

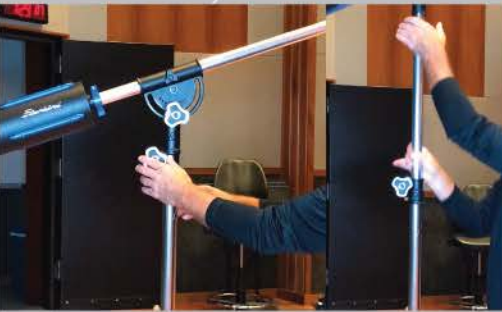


Spring Pins, Leg Retraction and IO Function



BoomStop™ Safety Lock

Boom Stop is a spring pin locking mechanism that secures the SB-1 swivel in any of 9 positions. To disengage the spring pin, pull the pin out and turn it 90 degrees. This will unlock the pin, (fig. 18). To engage the pin turn it another one quarter-turn and the pin will reset into the swivel holes, (fig. 19). **When changing positions, make sure your hand is on the counterweight for safety. While pulling the pin out, you may have to put some pressure on the counterweight to release the pressure on the pin.** Then move the boom to the next position. Firmly tighten the boom swivel's main knob. **Caution: Never use the safety lock alone.** If you want to use the swivel with no pin position, pull and turn the pin one quarter-turn to keep the spring from locking. To utilize the panning feature of your Starbird, simply loosen the small knob located at the bottom of the swivel assembly, pan left or right as needed. Retighten the main knob.



Main Riser and T.A.F.™ Pneumatic Lift System

T.A.F. is a patent pending pneumatic system that automatically raises Starbird stand's boom. To raise the stand simply loosen the main knob. (Make sure your environment is clear of obstacles). The speed of the rise can be controlled with the knob's tension. Keep a second hand on the rising tube to prevent the boom from panning. To lower the boom, loosen the main knob and using both arms, pull the tube downward in a rope climbing motion. Once in position tighten the knob to prevent the pneumatic system from rising again.



StarBase™ Retractable Base & Storage

Caution: When retracting or expanding the legs, make sure the main tubes are in the lowest position and the boom is retracted and balanced. Release the leg spring pin, hold the main tube section to stabilize the stand. **DO NOT try to move a leg all the way at once.** Work your way around the base moving each leg about 6 inches at a time with either your hand or your foot.

Although every effort is made to ensure the accuracy and completeness of the safety information and instruction provided, Triad-Orbit cannot be held liable for any injuries and/or damages arising directly or indirectly from any use or in operation of the SB-1. Caution and common safety sense should be used at all times when operating and positioning SB-1.

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Rev 7718.1



ACCESS

8202 NE State Hwy 104, Ste 102 #23
Kingston, WA 98346 USA
(206) 780-1900

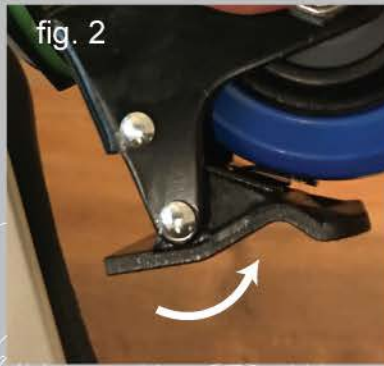
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Base, Legs, and Vertical Stand Tubes



Unpack the Starbird base and lay it down with the legs facing up. (fig. 1)



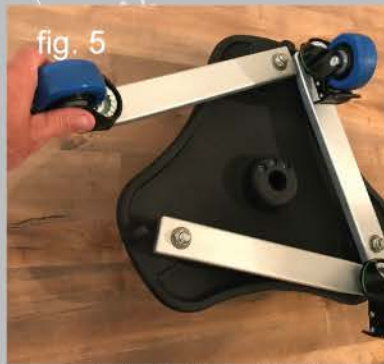
Unpack the (3) casters and lock them hand by engaging the latch. (fig. 2)
WARNING: Unlocking the caster by hand can cause injury.



Thread and tighten caster mounting bolt in the hole in each leg. (fig. 3)



Locate the leg locking pin, pull back and turn it one quarter-turn in either direction. (fig. 4)



Extend each leg. (fig. 5)



Reengage the locking pin by turning it one quarter-turn in either direction. (fig. 6)



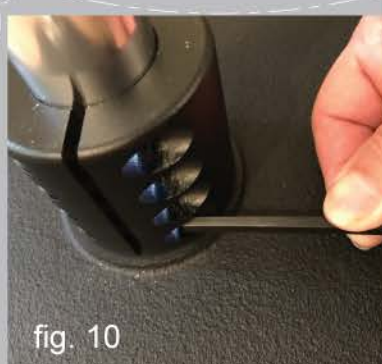
Turn the base and leg assembly upright. (fig. 7)



Unpack the vertical stand tube assembly. **WARNING:** Smaller tube under pneumatic pressure. DO NOT loosen height adjustment knob until the stand is completely assembled or risk injury. (fig. 8)



Insert the large end of the vertical stand tube assembly into the top of the base. Make sure you feel it hit bottom. (fig. 9)



Spin the tube so the Triad-Orbit logo on the tube aligns with the logos on the base. Then tighten the 4 hex screws very tightly. (fig. 10)



Boom Swivel, Boom Tubes & Counterweight



Unpack the Starbird boom swivel assembly and loosen the small panning knob. Slide the swivel onto the vertical stand tube. (fig. 11)



The swivel should fit completely over the panning assembly so that the panning knob bolt fits in the groove. Tighten the panning knob. (fig. 12)



Unpack the horizontal boom tube assembly and completely unscrew the retaining cap from the large end. (fig. 13)



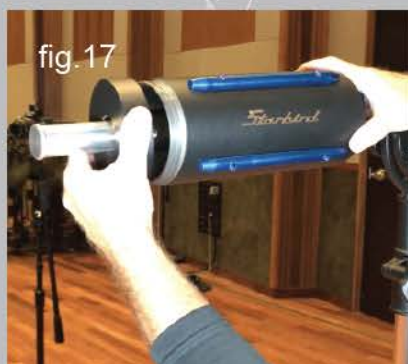
Unpack the Starbird boom tubes. Loosen the upper (boom position knob), slide the boom tube through the swivel far enough to place the counterweight fully onto the tube. Tighten the knob again. (fig. 14)



Unpack the Starbird counterweight. Unlock the blue counterweight clamp and slide it, clamp-side first, onto the large end of the boom tube assembly. (fig. 15)

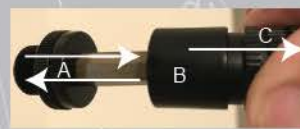


Use the adjustment knob to set enough pressure on the clamp for the counterweight to be stable, lock the counterweight clamp and replace the boom tube end cap. (fig. 16)



The Counterweight weighs 5kg / 11lb. The end cap of the counterweight can screw off to allow for an accessory, SB-1 WB weight bag to be inserted into the cavity. (fig. 17)

Unpack the the IO quick change coupler boom attachment from inside the swivel box. Slide it over the end of the boom end and tighten the hex screw firmly.



IO™ Quick-Change Coupler and OA™ Ball Joint

All Triad-Orbit components, including your Starbird utilize our patented IO quick-change coupler technology. To attach any IO coupler head (A) to the IO quick-change coupler receiver (B), simply push the head straight into the receiver; there is no need to pull back the collar on the receiver (C). To detach the IO head, pull back on the receiver collar (C) and pull the IO quick-change coupler head (A) out. Thread the included IO-H2 head into the microphone. Push the supplied OA ball joint into the IO hex female on the end of the boom. Then push your mic into the OA ball joint. The OA gives you 360 degrees of motion to properly place your microphone, light or camera.