



COOL LIGHTSTM

CL-LS1

Rolling Professional Light Stand



Cool Lights USA
www.CoolLights.biz

Manual V1.1. Cool Lights CL-LS1 is © Copyright 2006 CoolVideoLights.Com
All Rights Reserved.

Table of Contents

INTRODUCTION.....	3
PARTS LIST.....	3
ASSEMBLY PROCESS.....	3
OPERATION NOTES	5
CONCLUSION.....	6

Introduction

This is the instruction manual for assembly of the Cool Lights USA CL-LS1 Professional Rolling Light Stand. You should have received the following six parts in the box the light stand came in as shown in Figure 1 and detailed in the parts list. Should any parts be missing contact us at support@coolights.biz and mention your order number and which part or parts are missing.

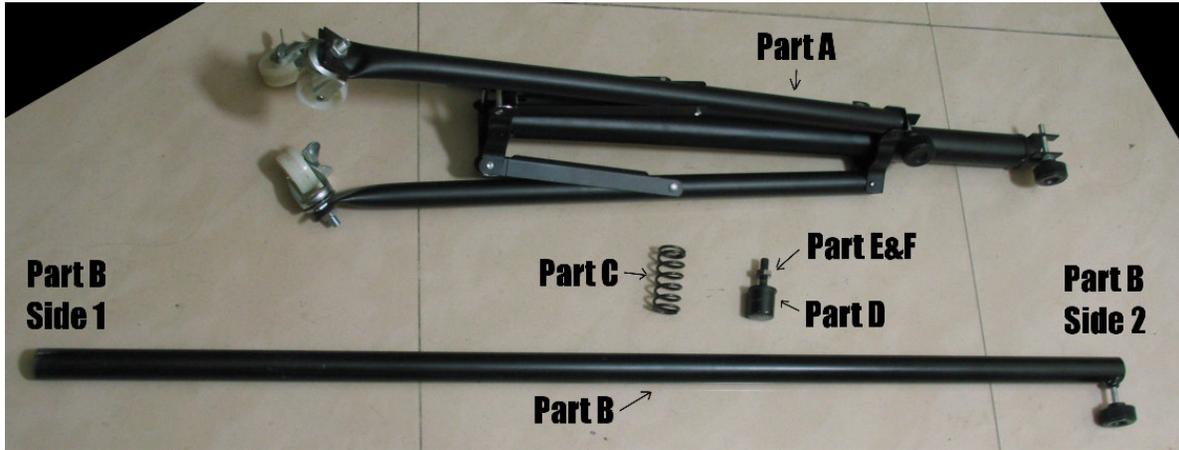


Figure 1: The six parts of the CL-LS1

Parts List

Part	Quantity	Description
A	(1)	Stand Bottom assembly with rollers
B	(1)	Telescope extension
C	(1)	Spring
D	(1)	Junior 1 1/8" (28mm) Stand-To-Yoke Adapter
E	(1)	M10 Nut
F	(1)	M10 lock washer



Figure 2 - Spread the stand out

Assembly Process

Step One: Take Part A (stand bottom assembly) and spread the legs out and put the rollers down in contact with the floor as shown in Figure 2. The rollers have locks on them so you may want to make sure they are in the unlocked position to make it easy to move the stand around as you need to during assembly. Next, tighten the bottom knob (Figure 3) to make



Figure 3 - Tighten bottom extension knob

sure the stand stays in whatever extended position you put it in. You can get a bit extra height out of the stand by making the legs extended all the way out as shown in Figure two or up a bit more. Be careful though, the fully-extended position is best for stability purposes. The longer the legs spread from the stand, the better to make sure the stand will not be too top heavy.



Figure 4 - Insert spring into stand

Step Two: Insert the included Part C spring into the stand as shown in Figure 4. This is not absolutely a necessary part but helps a bit with a shock mounting action of the stand. Just drop the spring in and let it go all the way to the bottom of the stand. When the telescoping extension is all the way to the bottom, the spring acts as a shock absorber for the heaviest of lights mounted at the top.

Step Three: Put Side 1 of Part B down into the topmost opening of Part A as shown in Figure 5. You may need to un-tighten the extension knob to allow the pole to go in to the stand. As soon as you've allowed the extension to go down as far as you like, then you can tighten the extension arm in that position by tightening the extension knob as shown in Figure 6.

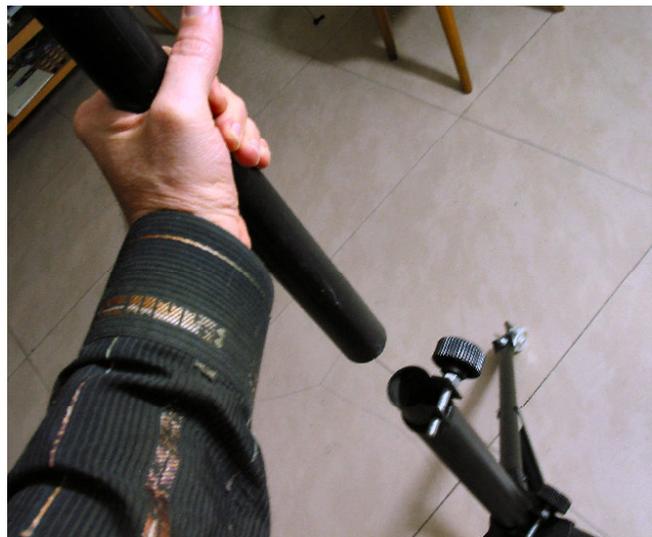


Figure 5 - Inserting Extension into Stand



Figure 6 - Tighten extension knob

Congratulations, you can now move onto the next step—inserting part C or the junior stand to yoke adapter!



Figure 7 - Inserting stand to yoke adapter

Step Four: The major parts of the stand are now successfully assembled. In order to attach a light to the top of the stand, we must insert the junior (1 1/8" diameter) stand to yoke adapter (Part C) into Side Two of Part B (the telescoping extension) as shown in Figure 7. The bolt at the top is an "M10" or metric bolt. Your adapter comes with an M10 nut and lock washer (parts E and F). Some customers may choose to obtain a wing nut type to put on the top to make it easier to put on and take off the yoke for traveling situations. Tighten the stand to yoke adapter in place with the top tightening knob.

Step Five: Attach your light fixture to the bolt on the stand to yoke adapter. Make sure Part E and F are off the adapter first, of course. Insert the yoke onto the adapter's bolt. Any yoke with a hole of 3/8" or larger should work fine with the bolt size on our adapter. This step is shown in Figure 8. When this is done, making sure to hold on to the yoke for security (we don't want the fixture to fall off the stand do we?) then add Parts E & F, the lock washer and M10 Nut and securely tighten.



Figure 8 - Yoke finally on stand and secured

Operation Notes



Figure 9 - Yoke finally on stand and secured

One interesting and useful fact is that the top of your stand is in effect a junior female adapter size (1 1/8" or 28mm). This means you can use junior size adapters in the top. Our included stand to yoke adapter is 1 1/8" in diameter or 28mm and therefore directly locks into the top of the stand. Another example of the versatility of the stand is that you can use a standard, commonly available 1 1/8" to 5/8" adapter (also known as a "junior to baby spud" adapter in grip slang--see picture at left)

to make your stand work well with other fixtures that require a “baby spud” male adapter.

Some notes on construction. The stand is constructed with 1 ¼” tubular steel at the bottom and 1 1/8” tubular steel in the top extension and legs. The entire unit was powder coated mat black. The rollers are attached with nuts and lock washers to the legs and can be removed if you so choose.

Conclusion

This completes assembly of the Cool Lights CL-LS1 Rolling Professional Light Stand. You should get many years of service out of its sturdy tubular steel construction. Thanks for your business!