

Automatic spring-loaded cable rewind for USO earphone



The picture above shows a general arrangement. The placement in your furniture depends on its dimensions. To find your customized placement, you need to consider the following criteria:

- All units must be arranged with the maximal possible distance to each other to ensure a diagonal distance as long as possible for the handset line.
- Handset line, steel rope and balancer need to be in line with the pulleys, so the rope runs always on the same plane.
(In most of the cases approx. 8 cm/ 3,15" distance to the rear wall / wall near the cable bushing)

Mounting units

1. double roll holder / cable guide for handset line, end stop for handset line
2. guide pulley with bracket and stopper (for steel rope leading to balancer)
3. spring balancer

Installation instructions

1. First drill the holes for the tabletop base by using the drilling template and install it.
2. Then start with mounting the double roll holder. It needs to be centered below the cable bushing, so the handset line can be threaded vertically through the middle of the rolls. Here is some optical adjustment required. Thread the handset line through. Place and fix the end stopper to limit the extendable length as you need it. (Minimum distance from the end of the steel tube: 1,5 cm / 0,6")



Step 2 / Mounting unit 1

3. Place and fix the guide pulley with its bracket in line with the balancer so that the rope can lead directly to the pulley. Unscrew and remove the rope guide for threading the steel rope through the bracket.
4. Prepare the spring balancer: Unscrew and remove the factory-provided stopper temporarily. Fix the balancer at the intended place.



Step 3 & 4 delivery status



Step 3 & 4 temporarily deassembled parts

5. Thread the steel rope through the bracket. Reinstall the rope guide and the stopper. Attach the karabiner to the eye and then hook it into the stoppers eye that had been installed at the handset line.



Step 5 / reassembled parts

6. Adjusting the spring load: For adjusting the load use the adjusting wheel. To increase load, simply turn it to the left. For decreasing, pull the wheel away from the balancers body and turn right. In both cases you will hear a clicking sound. (For further information see product manual attached) In most tested cases the tension was perfect, when the load started to work just in the moment the stopper starts to move away from the guide pulley. In general: as much as necessary, as less as possible. Finally, you will find the ideal load for best performance and usability by testing on site.