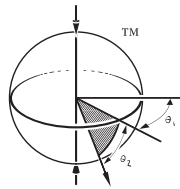


Polar Focus[®]



Audio Rigging Products

Zbeam[®] ZB-20-880-B, ZB-20-880-W

This timesaving* 20" (508mm) lightweight aluminum product is the first universal audio rigging beam, working well with almost every flyable loudspeaker on the market (Figure 2). At only 14 lbs (6.4kg) and with a Working Load Limit (WLL) of 880 lbs (400 kg), this unit is remarkably light yet strong. The Zbeam[®] has a heavy duty axle and friction bearing to hold a pan angle after a speaker has been aimed. Each unit is printed with four Vernier scales to allow for pan angle adjustment accurate to about a degree. Typical applications: All types of audio installation work for speakers with eyebolt rigging points, twin rigging tracks, and even horns not in enclosures. Zbeam[®] units are suspended from overhead ceiling or roof structures, or wall mounted using the Zbeam[®] Wall Mount. Also used in live audio for down fill, front fill, or side fill applications, suspended under lighting trusses, or suspended under flown front of house stacks. For a more detailed configuration guide, see the "What Is a Zbeam?" document available on the Polar Focus web site.

Attachment positions are adjustable in 1.25" (32mm) increments, allowing for easy and accurate adjustments. All attachment positions are labeled in inches, millimeters, and letters from the center of the Zbeam[®]. Recommended attachment hardware is Crosby 5/16" anchor shackles (not included). Includes a manual stored in the main structural tube. Fully compliant with AMSE B30.20 including proof testing. Minimum 10:1 design factor to yield strength.

Finish is anodized black (ZB-20-880-B) or powder coated white (ZB-20-880-W). Not for rain exposed permanent applications. Made in USA.

* Customers report that the time to safely suspend and accurately aim a typical three speaker system in a church or theater can be reduced from a full day for two workers, to as little as 45 minutes for two workers. Aiming adjustments at system tuning time can require as little as 15 seconds per speaker.



Figure 1. The Zbeam[®] universal rigging beam. Wire rope hardware and Tilt Cable Kits sold separately.

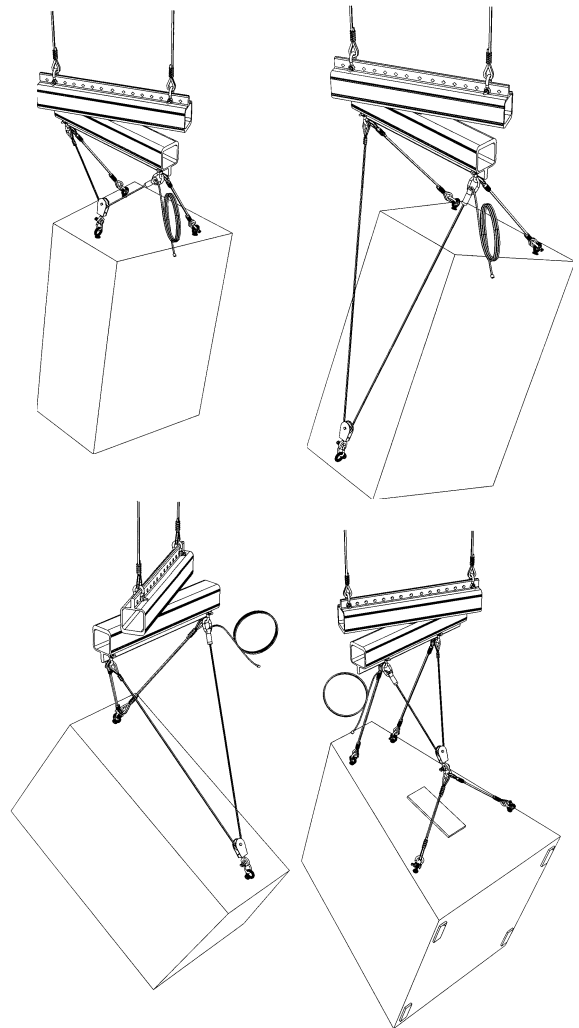


Figure 2. The Zbeam suspending speakers in shallow, medium, steep and four point configurations.

Architectural Specification:

The loudspeaker and any wire rope bridles controlling loudspeaker tilt shall be supported by a rotary spreader beam. The rotary spreader beam shall be made of structural aluminum. The rotary spreader beam shall have four vernier scales to read and set specified pan (azimuth) angles. The rotary spreader beam shall have a factory preset friction bearing to retain a specified pan (azimuth) angle. The rotary spreader beam shall be attached to by 5/16" (or 8mm) forged anchor shackles. Each attachment point on the rotary spreader beam shall be labeled in inches, millimeters, and letters from the center of the rotary spreader beam. The rotary spreader beam shall be available in anodized black and powder coated flat white models. The rotary spreader beam shall be the Zbeam®.

- overall length: 20" (508mm)
- overall height: 9-7/16" (240mm)
- overall width: 3-1/8" (79mm)
- max. usable length: 18" (711mm)
- weight: 14 lbs (6.4 kg)
- shipping weight: 16 lbs (7.3 kg)
- shackle hole spacing: 1.25" (32mm)
- primary material: structural aluminum
- finish: black anodize (ZB-20-880-B) or powder coat white (ZB-20-880-W)
- WLL: 880 lbs (400 kg)

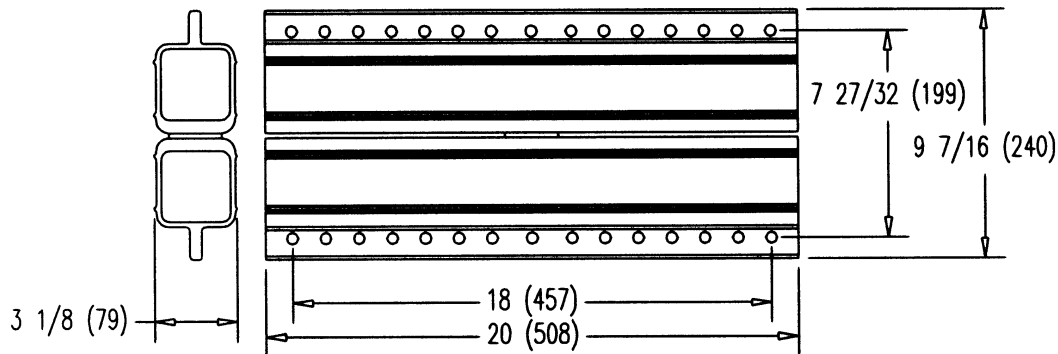


Figure 3. The Zbeam®.