

## DOs & DON'Ts

### DO NOT:

- Over-tighten the Hex Nut against the bottom of the formed track
- Weld anything to the Track Tamer™
- Cut or grind the Track Tamer™
- Suspend personnel from the Track Tamer™
- Suspend equipment or structures intended for the use of lifting or supporting personnel in the air from the Track Tamer™
- Touch the Large Hex Nut while rotating/positioning equipment
- Use Track Tamer™ to suspend chain motors or any other lifting device

### DO:

- Use two hands when working with equipment that is mounted to a Track Tamer™
- Tighten the Hex Nut firmly against the bottom of the formed track each time you hang or rehang each piece of equipment
- Pay attention to the dimples in the shaft. These indicate the position of the track nut in the track.
- Use an aircraft safety cable (or better) for each unit mounted to the formed track with Track Tamer™, wrapping the safety cable around the nearest structural support.
- Check the formed track's condition and take appropriate steps if the formed track shows sign of structural damage or weakness



# CITY THEATRICAL I N C

## INTRODUCTION AND SAFETY INSTRUCTIONS FOR THE TRACK TAMER™ SERIES OF PRODUCTS FOR USE WITH UNISTRUT™, B LINE OR SIMILAR FORMED TRACK

## The Track Tamer™

by City Theatrical, Inc. has three unique features that contribute to the safe and speedy operation of these new products.

(1) Our Specially designed track nut is fastened to the Track Tamer™ shaft by a Grade 2 bolt and a Grade 8 roll pin. The operator now has positive control of the track nut inside the track as a result of securing the track nut to the top of the shaft. Track Tamer™ has eliminated the necessary fumbling around with your fingers inside the track to seat the track nut onto the track's inner edges.

(2) We have separated the lock down of the track nut from the rotation of the lighting unit or other hung equipment. When you focused lighting, sound or video equipment hung from Unistrut™ or similar formed track in the past, you had to loosen the bolt that held the equipment in place. If you loosened the bolt too much and turned the equipment the wrong way, the piece of equipment had an increased chance of falling out of the track. Our unique and simple design makes the operation of all types of equipment hung in formed track safer and faster than ever before.

### Each Track Tamer™ Model 520 Comes With The Following Hardware:

Integral shaft containing:

- The specially designed track nut
- Welded 1/2" x 13 threaded rod
- Grade 8 roll pin through the threaded rod
- Large flat washer
- Large 7/8" Hex Nut
- 1-1/2" x 7/8" central shaft
- A 1/2" x 13 x 1" bolt and 1/2" washer.

### SAFE OPERATION:

When you first receive the Track Tamer™, the 1/2" bolt and washer may be packed separately. You mount the equipment with the 1/2" bolt and washer to the base of the Track Tamer™. Make sure the bolt is tight. The equipment's yoke becomes the handle of the Track Tamer™.

To hang units equipped with the Track Tamer™ simply align the long axis of the Track Tamer's formed track nut with the long axis of the track itself. Insert the Track Tamer™, with the rigidly attached equipment, and using the equipment's yoke as a handle turn the whole apparatus 90° clockwise in the track until the formed nut will not turn anymore. Settle the Track Tamer™ into the track.

Pay attention to the dimples in the Track Tamer™ shaft. These indicate the position of the track nut in the track. You may need to rotate the Track Tamer™ back a few degrees to get the track nut to settle properly onto the edges of the track.

**Remember, all track is slightly different because of conditions created by use and/or abuse. Be sure the nut has properly settled on to the track.**

Once settled, tighten the Hex Nut up (or down, depending upon over or under hanging positions) to the track. You need to apply firm, but not excessive, pressure to the rotation of the Hex Nut to seat it and the large washer against the bottom of the formed track.

**Once you have tightened the large Hex Nut for the first time, give the equipment a turn or shake to allow the unit to further settle into the track. Retighten the large Hex Nut with a wrench.**

Attach your aircraft safety cable to the equipment and around the nearest structural support. You are now ready to rotate/position your equipment.

### ***DO NOT TOUCH THE LARGE HEX NUT FOR ROTATION OF EQUIPMENT!***

**To Rotate/Position:** Slightly loosen the 1/2" bolt at the base of the Track Tamer™ which is supporting the equipment. Aim the equipment in the direction in which you wish to focus the unit and then secure the yoke by re-tightening the 1/2" bolt.

### **WARNING:**

Now that you have outside positive control of the track nut that is inside the formed track, it is potentially possible to have the equipment fall out of the track if you have failed to tighten the large Hex Nut against the bottom of the formed track.

**Always tighten the Hex Nut before performing any other operations with the equipment. Always hold the equipment while working with the Track Tamer's™ large Hex Nut.**

If you have removed a piece of equipment from the Track Tamer™ while it is still mounted in the formed track and then loosened the Track Tamer™ in the formed track, be careful of the freely spinning large Hex Nut. Once the Hex Nut runs out of thread, the momentum may cause the Track Tamer™ to spin and fall out of the formed track, potentially causing an accident.