# PIXAPRO PANTOGRAPH TRACK SYSTEM INSTRUCTIONS.

**K-080101**  **K-080102**  **K-080103**  **K-080104**
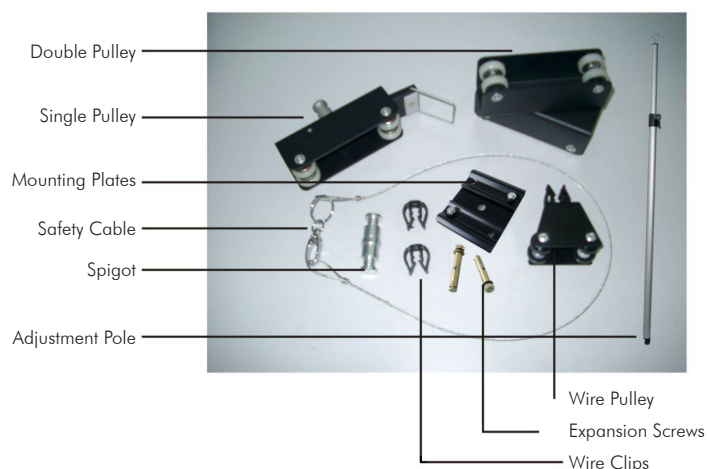
## Box Content

| Item SKU: | Pantographs | Fixed 3m Single Rails | Mobile 3m Double Rails | Mounting Plates | Single Pulley | Double Pulleys | Cable Pulleys | Cable Clips | Adjustment Poles |
|---|---|---|---|---|---|---|---|---|---|
| K-080101 | 1 | 2 | 2 | 6 | 1 | 4 | 3 | 8 | 1 |
| K-080102 | 2 | 2 | 2 | 6 | 2 | 4 | 6 | 16 | 1 |
| K-080103 | 3 | 2 | 2 | 6 | 3 | 4 | 9 | 24 | 1 |
| K-080104 | 4 | 2 | 2 | 6 | 4 | 4 | 12 | 32 | 1 |

## Pantograph Specifications

| Load | 1-15kg |
|---|---|
| Weight | 4.5kg |
| Jink Size | Inside Diameter 16mm (5/8) |
| Condense Size | 330mm x 98mm x 395mm |
| Extension | 39.5Cm - 203cm |

## Pantograph System Parts

Double Pulley

Single Pulley

Mounting Plates

Safety Cable

Spigot

Adjustment Pole

Wire Pulley
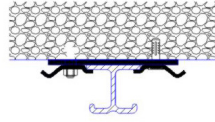
Expansion Screws

Wire Clips

**PiXAPRO Pantograph Track System**
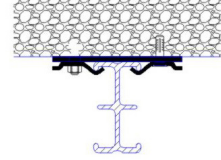
EssentialPhoto
PiXAPRO®

# INSTALLATION & OPERATION

**1** Pre-assemble these brackets onto the rails at ground level, to ensure correct alignment before mounting to the ceiling. Mounting brackets should be spaced no less than 45cm (1.5ft) apart, using three per rail.
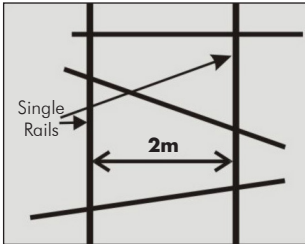
**2** Attach the Clamping Plates to the single rails. If you take a look at the end of a single rail, it should look like a T; attach the clamping plate to the top of the T.
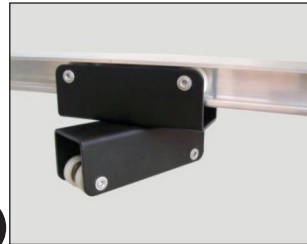
**3** Attach the Clamping Plates to the double rails. If you take a look at the end of a single rail, it should look like a T; attach the clamping plate to the top of the T.
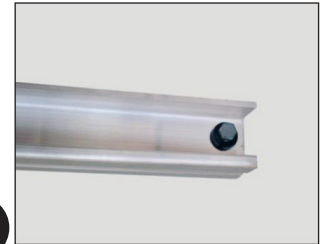
Single Rails

**2m**

**4** Fix the Single rails on the ceiling with the clamping plates. Use the expansion screws M6 (two per bracket). The gap between the single rails should be 2m (6.56 ft)
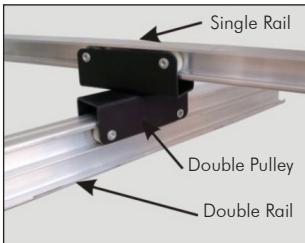
**5** Attach double pulleys to the single rails.

IMPORTANT: must be installed to upper and lower holes on the moving rails, but only lower holes fixed on rails.
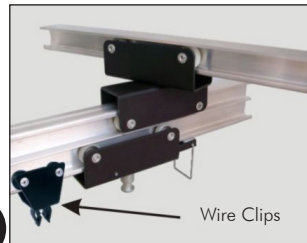
**6** Insert the limit screw M6, in the holes on the ends of each rail to prevent the carriages from coming off the rails, and to prevent the moving rails from coming off the carriages.
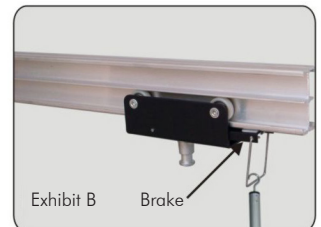
Single Rail

Double Pulley

Double Rail

**7** Install the Double Rails onto the double pulleys.

Wire Clips

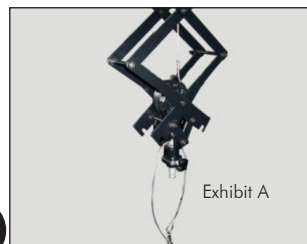**8** Install Single Pulley and cable (with wire clips) on the double rails.

Exhibit B      Brake

**9** Adjust the pole, which will attach to the spigot (brakes located on the single pulley; see exhibit B)
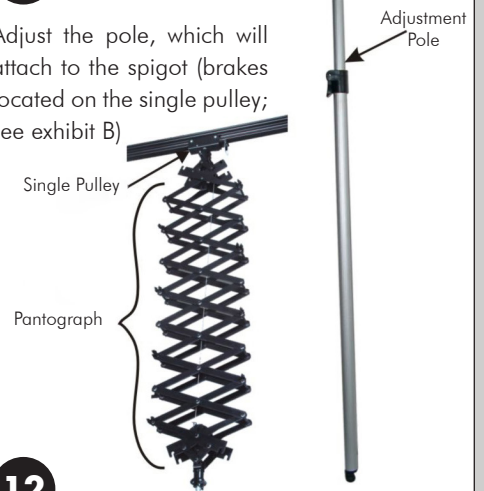
Adjustment Pole

Single Pulley

Pantograph

**10** First insert the limiting cover cap, then insert the limiting screw M6 in the holes at the end of the rails to prevent the carriages from coming off the rails, and to prevent the moving rails from coming off the carriages.

Exhibit A

**11** Attach safety cables to your lights (exhibit A). You will pull the cable when you want to slide the pulley along the rail, and release to lock into place. The smaller cable attaches to your light and to the bottom of the pantograph to prevent the light from falling.

**12** Insert the expansion rack (pantographs) to the single pulleys and tighten the knob of the expansion rack to fasten it