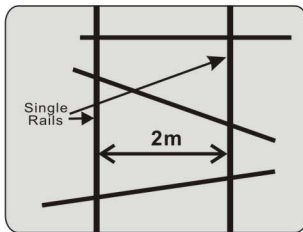


# Rail System Instructions

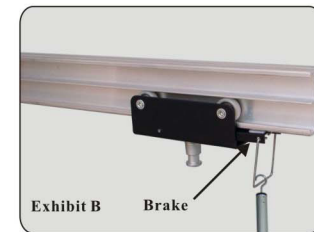
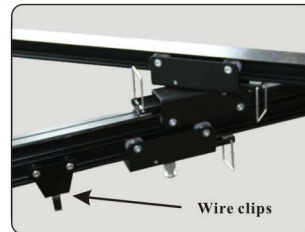
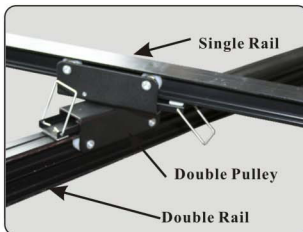
## Installation and operation



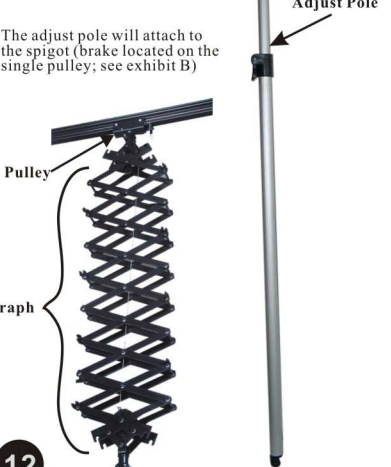
- 1** Pre-assemble these brackets onto the rails at ground level to ensure correct alignment before fastening to ceiling. Mounting brackets should be spaced more than 1.5 ft apart using 3 per rail.
- 2** Attach clamping plates to the single rails. If you take a look at the end of the single rail, it looks like a T; attach the clamping plate to the top of the T.
- 3** Attach clamping plates to the double rails. If you take a look at the end of the doublerail, it looks like a T; attach the clamping plate to the top of the T.



- 4** Fix single rails on ceiling with clamping plate. Use the expansion screws M6 (2 per bracket). The gap between the single rails should be 6.56 ft.
- 5** Attach double pulleys on the single rails.  
**IMPORTANT:** must be installed to upper and lower holes on moving rails but only to lower holes on fixed rails
- 6** Insert the limit screw M6 in the holes on the ends of a rail to prevent carriages leaving the rail and to prevent moving rails leaving their carriages.



- 7** Install the double rails onto the double pulleys.
- 8** Install single pulley and cable pulley (with wire clips) on the double rails.
- 9** The adjust pole will attach to the spigot (brake located on the single pulley; see exhibit B)



- 10** First insert the limit plastic cover board, second to insert the limit screw M6 in the holes on the ends of a rail to prevent carriages leaving the rail and to prevent moving rails leaving their carriages.
- 11** Attach safety cables to 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 protect your light from falling.
- 12** Insert expansion rack (pantographs) on single pulleys and tighten knob of the expansion rack to fasten it.

