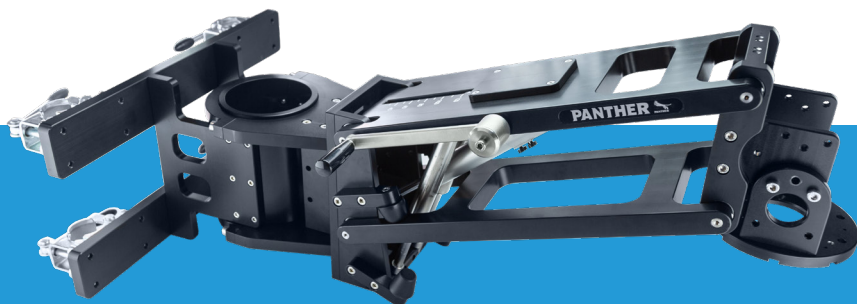




MAXI SHOCK ABSORBER

USER MANUAL

PANTHER 
PANTHER

www.panther.tv

INTRODUCTION

Congratulations to your decision of purchasing or renting your Panther Maxi Shock Absorber. We are pleased that you made your decision in favor of equipment, which combines state-of-the-art technology and many years of experience in manufacturing camera support equipment.

Selected materials and a great know-how ensures that in practice you have a wide variety of possibilities, which you will appreciate during shooting. Your new Panther Maxi Shock Absorber is a high-quality and modern tool giving the creative cameraman a new easy way to control your movements and get a more stabilized result.

The Panther Maxi Shock Absorber is a very useful equipment, developed by specialists for specialists in order to meet the expectations of every cameraman or grip.

To ensure that you will love working with your Panther Maxi Shock Absorber and that all requirements during shooting can be fulfilled considering utmost safety and reliability, please carefully read this user manual.

With our best wishes



Andreas Fitz

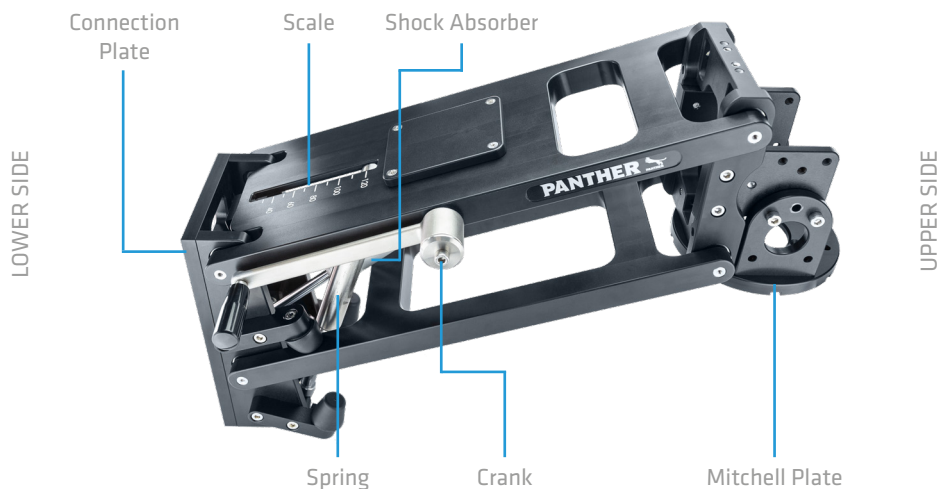
CEO | Executive President
Panther GmbH



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BASIC KNOWLEDGE



For use with gyro stabilized heads to reduce high and low frequency vibrations and hard impact shocks during high speed chases on rough and bumpy terrain.

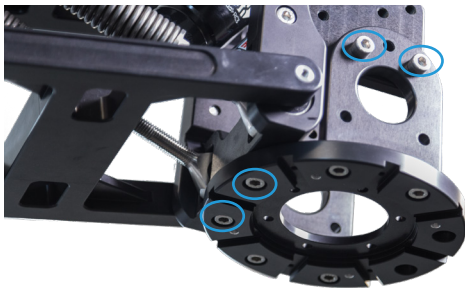
max. payload: 120 kg / 265 lbs



Your gyro stabilized head / camera or whatever you use has always to be mounted on the upper side of the Maxi Shock Absorber. Otherwise it will lose its' ability.

MOUNTING

Mitchell Plate (upper side)



To change the direction of the Mitchell plate - for example from Underslung to Overslung - you just have to open the blue marked screws and reposition the complete unit in the required position.

Then tighten the screws.



Overslung



Nose Mount



Underslung



For Overslung and Underslung please use 2 screws left, 2 screws right and 2 screws at the bottom / top side.

For Nose Mount please use 3 screws left and 3 screws right.

Mounting the arm



Mitchell Mount
310394



130 / 150mm Mount
310390



Speedrail / Scaffold Mount (48mm)
310396

The Maxi Shock Absorber can be mounted via the Mitchell Mount, the 130 / 150mm Mount and the Speedrail / Scaffold Mount. The Mitchell plates can be used Underslung, Overslung and Nose Mount (90°).

MOUNTING



Mitchell Mount

If you want to use Mitchell on both sides of the Maxi Shock Absorber you can use the Mitchell Mount (310394 - sold separately). Use the included screws to mount the Mitchell Mount at the lower side of the Maxi Shock Absorber.

As well as at the upper side you are able to operate in Underslung, Overslung and Nose Mount at the lower side of the Maxi Shock Absorber. Unscrew the blue marked screws, reposition the Mitchell plate and tighten the screws again.

130 / 150mm Mount

The Maxi Shock Absorber can be mounted on a 130-150mm tube with the **130/150mm mount** (310390 - sold separately).

Just position the Maxi Shock Absorber into the required position and lock it with the 4 screws by tightening.



MOUNTING

Speedrail / Scaffold Mount (48mm)

The Maxi Shock Absorber can be mounted on scaffold tubes (48mm-50mm). To do so, connect the scaffold mount to the Maxi Shock Absorber and secure it by clamping it in the required position and tightening the 4 locking levers.

It fits to tubes from Ø 48mm - 50mm.



To use the **Speedrail / Scaffold Mount** (310396 - sold separately) you also need the **130 / 150 mm mount** (310390) to be able to mount it (see photo above).

MOUNTING



Before you start operating, please make sure that you have tightened the Maxi Shock Absorber strong enough.

SPRING ADJUSTMENT



Crank

For an easy and fast suspension adjustment we equipped the Maxi Shock Absorber with a crank.

Just turn the crank and notice the upper scale of the Maxi Shock Absorber to adjust it to the desired level.

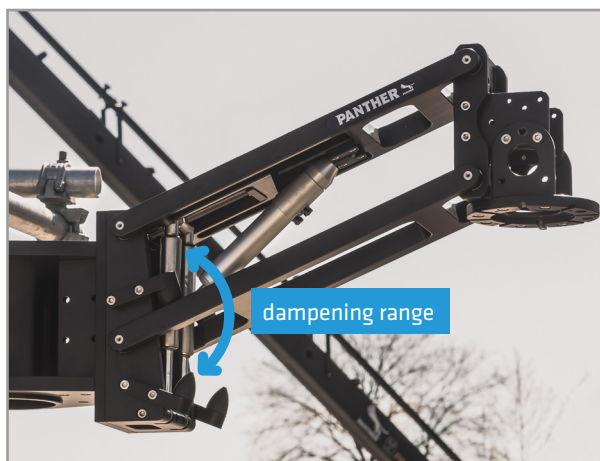


Example: if you have mounted 120 kg / 265 lbs at the Maxi Shock Absorber you have to turn the crank until the scale shows '120'.

This step is very important to get the best possible results during your shooting.

The scale and corresponding weight may vary depending on tolerances and dynamic forces.

Correct adjustment is done if the Maxi Shock Absorber is in the middle position of the dampening range when it is loaded. This way it can swing the same in both directions (up and down).

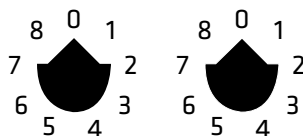


SHOCK ABSORBER ADJUSTMENT



Shock Absorber

For the best results of the Maxi Shock Absorber you have to adjust the Shock Absorber unit regarding to your needs.

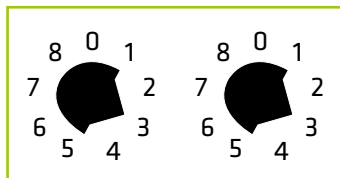


Turn the valves clockwise to increase and anti-clockwise to decrease the dynamic speed dampening.

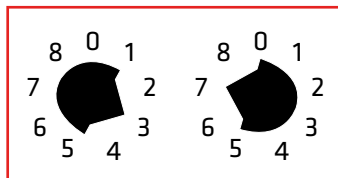


The Shock Absorber has a stageless adjustment over the entire dampening range. Please make sure that you always adjust the two knobs to an equal level of dampening.

CORRECT



WRONG



0 = low dampening / high speed
8 = high dampening / low speed

NOTES

NEED FURTHER ASSISTANCE?

If you have any problems with this instructions (or also other problems) please contact our service department. An employee will be very happy to help you until your problem is solved.



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