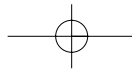
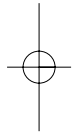
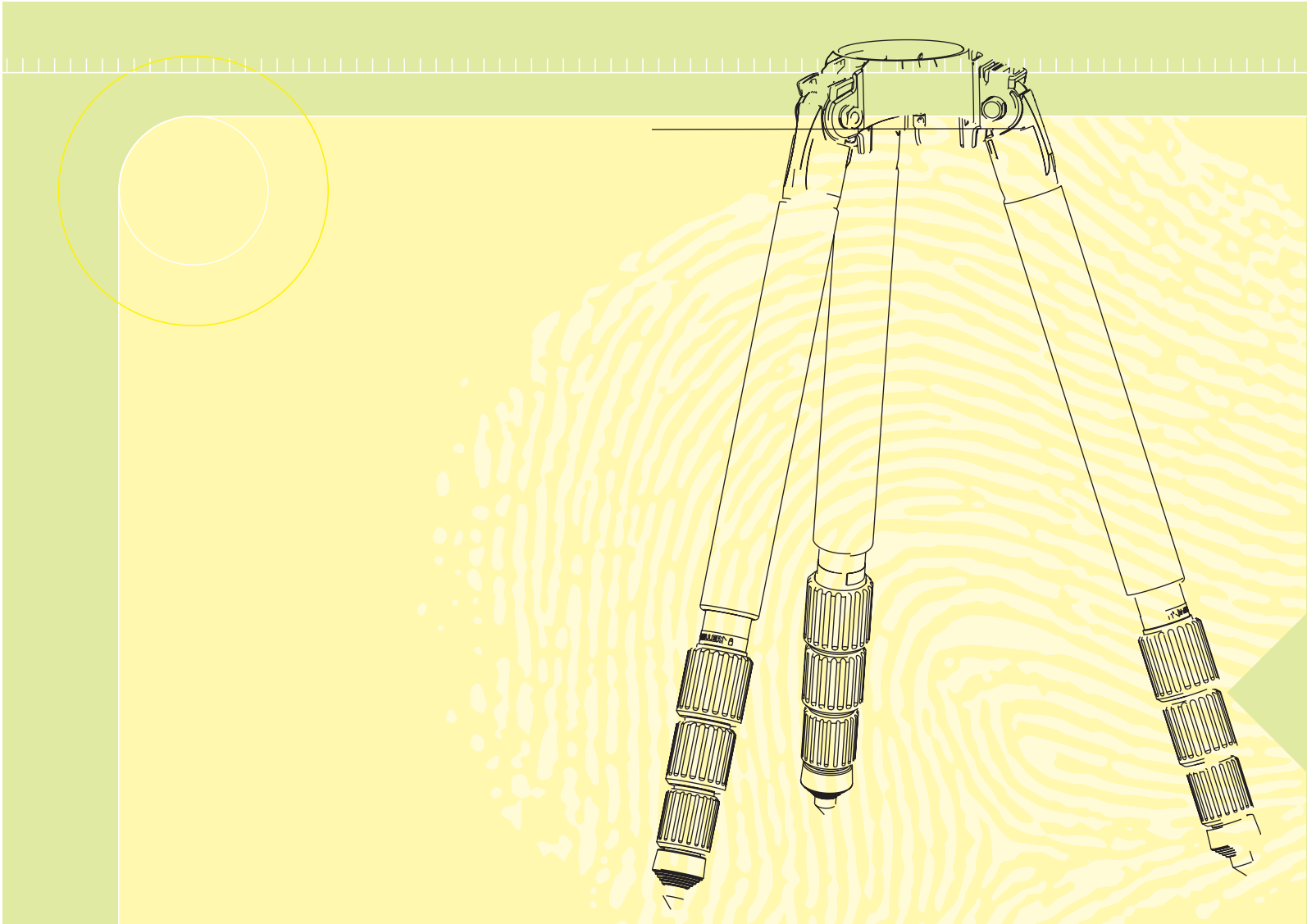


# SOLO VJ 100mm TRIPOD SERIES Operator's Manual



**MILLER** ▶ #1505 Solo VJ  
3-Stage Tripod





## Introduction

Thank you for purchasing the Miller SOLO VJ tripod.

SOLO VJ is a professional tripod, compatible with most 100mm ball levelling pan & tilt heads. SOLO VJ is designed to support camcorders in location and studio production environments.

The telescopic carbon fibre tubing ensures optimum rigidity and rapid deployment, while the leg angle lock eliminates the need for a tripod spreader. As a result, SOLO VJ features an operating height range from a low 22cm (8.7") up to an impressive 187cm (73"), with maximum support stability maintained across its operating range.

Magnesium leg top and aluminium diecast components deliver the ultimate in lightweight durability while the sturdy carry case, detachable leg strap and rubber/spike complete a truly professional VJ support package, for all DVCAM and ENG Camcorders.

## Operation Manual

Please read this manual carefully prior to using the SOLO VJ tripod. Do not omit any steps.

The Manual contains important set-up, pull-down, adjustment, safety and maintenance information and should be read in conjunction with the operating manuals of the fluid head and camera you have chosen to complement your SOLO VJ tripod.

## Technical Data

<b>Cat#</b>	<b>1505</b>
Tube Configuration	3 Stage telescopic
Tube Material	Carbon fibre
Maximum Load kg (lb)	30.0 (66)
Weight kg (lb)	3.1 (6.8) (including shoulder strap)
Max Height mm (in)	1870 (73.6)
Min Height mm (in)	220 (8.7)
Transport Length mm (in)	658 (25.9)



Remove tripod from carry bag, undo clip on leg strap and stand on a level surface (if possible). Depending on surface, screw out rubber foot for non-scratch contact to interior or hard surfaces or in for a spike on exterior soft surfaces such as dirt or sand.

**Note:** Leg angle adjusters are spring loaded and self adjusting. Do not hold leg angle adjuster up while spreading tripod legs as this may cause leg angle adjusters to operate improperly and potentially damage the tripod.

#### **Maximum Height:**

(Leg angle adjustment is not required)

- 1 Separate legs slightly so they are parallel.
- 2 Working with each leg individually, grip each concentric lock and release one turn (see leg lock direction label on leg).
- 3 Extend to desired length and turn each concentric lock to engage firmly. Repeat process for remaining legs.
- 4 Spread tripod legs (Fig. 2) and adjust leg length to ensure tripod bowl is approximately level.
- 5 Level the fluid head using bubble level and ball levelling feature of fluid head.



#### **Minimum Height:**

**Note:** It is recommended that minimum height position is used only with legs at their shortest length.

- 1 Pull up leg angle adjuster until it locks into a raised position (Fig. 3). Repeat for all three locks.
- 2 Holding one leg on the ground pull the remaining two outward, spreading the tripod to its lowest position. Leg angle adjuster will automatically engage the leg to hold the tripod at its lowest height position (Fig. 4).



## Tripod Setup (cont)

## Tripod Pull Down

### Mid Position:

**Note:** This refers to the Mid leg angle position, not necessarily the height of the tripod.

The SOLO VJ tripod has three leg angle positions. The middle leg angle position (Fig.7) is self-engaging after unspreading leg from fully spread position (Fig.6). The Mid Position is chosen for optimum stability in the 60-140cm tripod height range, but is not recommended if the tripod is being used in a crowded situation, due to the wide diameter, or footprint spread, of the extended tripod.



*Fig 5 Leg angle adjuster raised*



*Fig 6 Spread Position*



*Fig 7 Middle leg angle position*



- 1 Remove camera from fluid head.
- 2 Close the tripod legs so all are pointing straight down and disengage all concentric locks.
- 3 Holding the bowl, lower tripod to its shortest length and re-engage concentric locks.
- 4 Fold legs fully together (Fig. 1) fit leg strap and return tripod to carry bag if finished shooting.

## Shoulder Strap



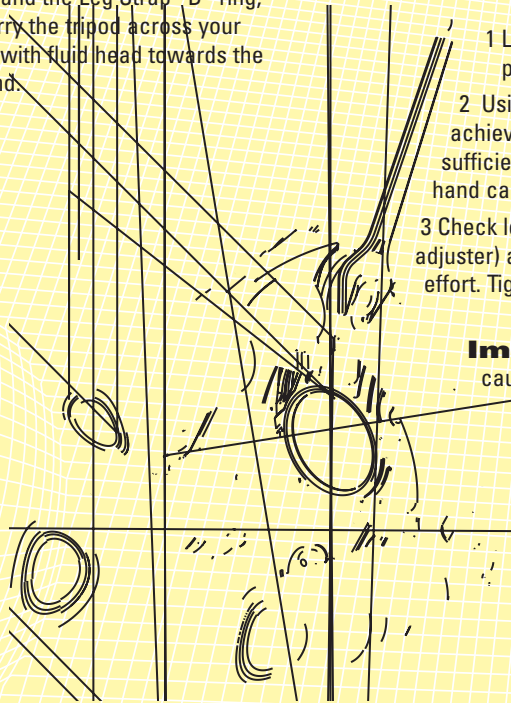
SOLO VJ's Shoulder Carry Strap can be used looped (both ends attached to the mounting point on the bowl), to carry the tripod on one shoulder.

OR

it can be used attached to the bowl and the Leg Strap "D" ring, to carry the tripod across your back with fluid head towards the ground.

## Leg to Bowl Adjustment

The leg to bowl pivot joint on the Solo tripod should have no lateral movement and should swing with a firm, smooth resistance. As this is a spreader-less tripod, the leg pivot joint requires sufficient resistance to hold the tripod legs together while being hand carried. Adjustment is usually not required, however, should it become necessary, the following procedure must be observed.



- 1 Lay tripod on a flat surface with legs closed in transport position.
- 2 Using 17mm spanner (supplied), gently tighten nut to achieve firm, smooth movement of the leg while still having sufficient tension to hold the legs together when tripod is being hand carried.
- 3 Check leg resistance by swinging leg fully open (using leg angle adjuster) and ensure that all legs open with a similar degree of effort. Tighten or loosen bolts as necessary.

**Important:** Remember not to over-tighten as this may cause too much resistance when swinging the legs open.







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