

## 360° Reflective Target Prism REVO360 Instruction Manual

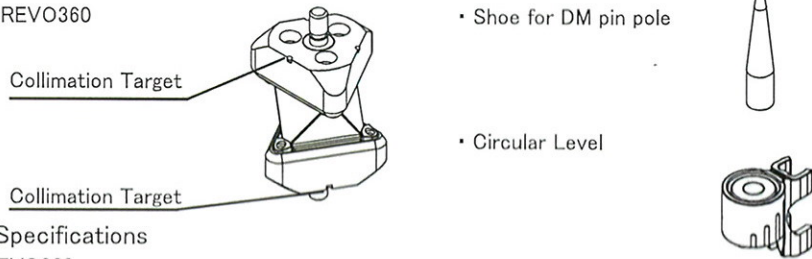
REVO360 is 360 degree reflective target with 6 prisms which is supported to use with Myzox DMP series poles. Please read this instruction manual carefully before use and handle it appropriately, and keep this manual after reading.

### ● Package Contents

- REVO360
- Shoe for DM pin pole
- PC-40L Circular Level
- Soft Storage Case
- Protection Fabric Band for Prism
- Instruction Manual

### ● Name of Parts

- REVO360



### ● Specifications

#### REVO360

Model	: R-360
Dimension	: 46 (W) x 46 (D) x 74 (H) mm
Weight	: 120g
Connection with DM Pole	: M6 Male Screw (supported to use with Myzox DMP series only)
Operating Range	: Vertical Direction 50°
	: Horizontal Direction 360°
Prism Constant	: -4.4mm (Leica Constant +30mm)

#### Circular Level

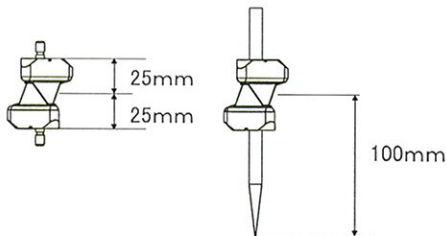
Model	: PC-40L
Dimension	: 22 (W) x 40 (D) x 34 (H) mm
Weight	: 12g
Compatible Pole	: φ9mm DM Pole
※bubble is adjustable.	

#### Shoe for DM pin pole

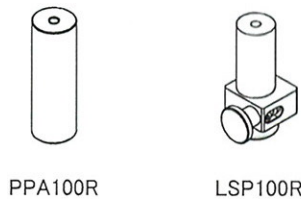
Model	: DMP-M675
Dimension	: φ9mm / L75mm
Weight	: 20g
Screw	: M6 Female

### ● Prism Height

- REVO360
- With DMP-M675



- \*Optional adaptor



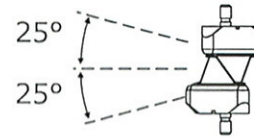
For mounting prism pole, please use an optional adaptor. The adaptor makes the prism centre height +100mm on the pole. (for W5/8 male threaded pole : PPA100R) (for Leica spigot pole : LSP100R)

### ● Changing prism height

REVO360 is DM pin pole fixed model, therefore please change prism height by DM pin pole.

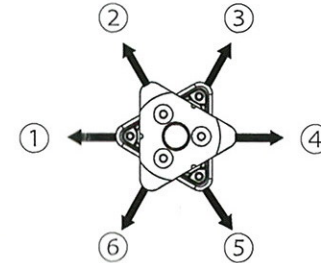
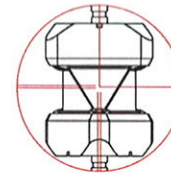
### ● Operating Range

Fig.1



※Maximum collimating range in structure.  
The collimating range will be smaller depending on the distance.

### ● Position of Collimation Target



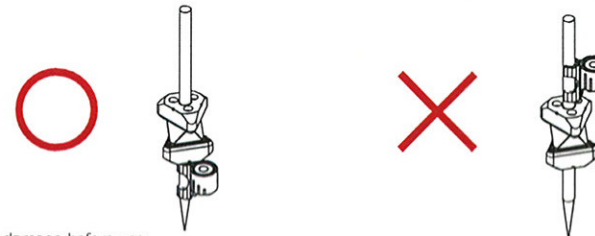
※The above figures show the reticle in red.

※For precise measurement, please collimate the prism being confronted with the above targeted position.

※For height difference measurement, please collimate the prism being confronted with the above targeted position which facing to surveying instrument.  
In case the surveying instrument locates upward, collimate the prism plane at ①, ③, or ⑤.  
In case of downward, collimate the prism plane at ②, ④ or ⑥.

### ● Recommended bubble attaching position

In order to minimize error, the bubble is recommended to attach to the pole just below the unit.



### ● Caution

- Be sure to check damage before use.
- Do not have a shock and vibration.
- Be careful with sharp edge of prism in case the prism breaks.
- Prism unit can be repaired. To get better performance please contact us if you have damaged prism.
- If product get wet, please fully dehydrate before using or putting in soft case.
- Adapter for prism pole has sharp point. Please handle carefully.
- Be sure to keep clean the prism surface.
- Do not decompose and remodel it.
- It is necessary to note that this product does not correspond to all Total Stations.

### ● Disclaimer

- 1) The user of this product is expected to follow the instruction manual and make periodic checks of the products performance.
- 2) The manufacturer, or its representatives, assumes no responsibility for results of a faulty or intentional usage or misuse including any direct, indirect, consequential damage, and loss of profits.
- 3) The manufacturer, or its representatives, assumes no responsibility for consequential damage, and loss of profits by any disaster, (an earthquake, storms, floods etc.).  
A fire, accident, or an act of a third party and/or a usage any other usual conditions.
- 4) The manufacturer, or its representatives, assumes no responsibility for any damage, and loss of profits due to a change of data, loss of data, an interruption of business etc., caused by using the product or an unusable product.
- 5) The manufacturer, or its representatives, assumes no responsibility for any damage, and loss of profits caused by usage except for explained in the instruction manual.
- 6) The manufacturer, or its representatives, assumes no responsibility for damage caused by wrong movement, or action due to connecting with other products.

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