

# METSYS

## ML360 / ML360G MANUAL



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## ON THE COVER

Metsys ML360 / ML360G Lasers.

# INTRODUCTION

The ML360 series, generates continuous 360 degree planes of laser light. A horizontal plane is ideal for ceiling and height-transfer applications, whilst two vertical planes that are 90 degrees apart provide all the reference needed for all indoor tasks.

- High quality laser beams ensure the visibility. Green LD withstands the hot/ cold environment at any job sites.
- The 2600 mah Lithium-ion battery system provides satisfactory battery performance, savings on battery costs.
- Robust design, Over-mold housing and alloy topping ensures that the lasers can perform well even after minor accidents.
- The included magnetic bracket, and clamp allows the laser to be used for various applications, such as ceiling and drywall installation.
- The LS1 Receiver and fine adjustment base are optional accessories to the standard kit. The LS1 receiver can be added when doing outdoor short range applications, as for the Fine adjustment base is ideal for precise pinpoint indoor applications.
- The laser unit is classified as a Class II laser.
- Be careful not to expose your eyes to the laser beam while the instrument is operating.
- Direct exposure to the laser beam for a long time maybe hazardous to your eyes.
- Do not try to dismantle the instrument. Only allow this to be done by your local Metsys service Centre.

# OPERATION

**When the unit is not in use, the pendulum should always be in the Off position**

**Locking the pendulum allows the Laser unit to better withstand vibration and trauma incurred during transportation or in the case the unit is dropped.**

**To use the laser under leveling mode, Users should push the main switch button to the Unlock position and the horizontal plane will be activated. Press the laser selection on the control panel, to active the other two vertical beams. Each laser plane can be individually selected. To use with a laser detector, users need to press the pulse button to activate this function.**

# TROUBLE SHOOTING

## SOLUTIONS

- Check the batteries , they may be in the wrong way or need replacing , check the battery compartment for signs of damage, ensure they are clean and not bent.
- Check the batteries , check the compartment for signs of damage and make sure they are clean and not bent.
- Instrument may be outside its self-leveling range , adjust the instrument or tripod so it is level, the instrument may have low power, instrument may have impact damage.

## ERROR

Laser doesn't turn on

Laser doesn't remain on for long use periods of use.

Laser doesn't self-level



# PRODUCT SPECIFICATIONS

## FEATURE

## SPEC'S

Overall Accuracy	±3mm/10m
Levelling Range	±3.5°
Working Range without sensor (LS1)	15m R / 25m G
Working Range with Sensor (LS1)	Up to 50m
Tripod Thread	1/4" & 5/8"
Laser Type	Class II
Wavelength	660nm R / 515 G
Operating Temperature	-10°C to 45°C
Storage Temperature	-20°C to 60°C
Dimensions (mm)	.....
Continuous working hours	10 hrs. R/ 7 hrs. G
Protection Class	IP 54
Net Weight	1.1 KG
Batteries	2600 mAh, 7.4V
Out of level indicator	Laser beam flashing
Out of battery indicator	Decal indicator flashing

# PRODUCT INCLUSIONS

- 1x ML360/360G Laser tool
- 1x Magnetic ceiling bracket
- Clamp for drywall application
- 1x Magnetic laser Target
- Visibility enhancement glasses
- Injection carry case
- 1x Charger

## Optional Extras

- LSI detector
- Fine adjustment base
- 1.5m Tripod



# WARRANTY

All Metsys line lasers have the ability for an Extended warranty (1 year),  
Standard warranty on these lasers is : 1 year  
Total with Extended warranty claimed is 2 years.

# RECEIVER (LS1) OPERATION

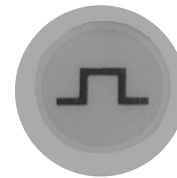
1. Switch the LS1 (detector / receiver) on by pressing the power button, the speaker will beep indicating the instrument is operating.
2. Move the receiver / detector into the path of the laser beam.
3. Hold the Detector upright for horizontal beams , rotate the receiver / detector 90 degrees for vertical beams.

**Note:** The led direction indicators will indicate the position of the laser beam, the center LED will indicate alignment with the beam.

## FUNCTION

Select this symbol / Button to activate the Pulse Mode for the ML360 Series to use the LS1

## SYMBOL



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## PRODUCT DESIGNER

Justin Davis

## PURCHASE ONLINE

[www.lightwavetechnology.com.au](http://www.lightwavetechnology.com.au)

## EXTENDED WARRANTY SUBMISSIONS

<http://www.metsys.com.au/warranty/4594309423>

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