



MST LSDX 3.0 Gyroper-G R-C Drift Arena User Manual

[Home](#) » [MST](#) » MST LSDX 3.0 Gyroper-G R-C Drift Arena User Manual 

Contents

- [1 MST LSDX 3.0 Gyroper-G R-C Drift Arena](#)
- [2 FEATURES](#)
- [3 DIMENSION DRAWING](#)
- [4 SPECIFICATIONS](#)
- [5 Documents / Resources](#)
- [6 Related Posts](#)



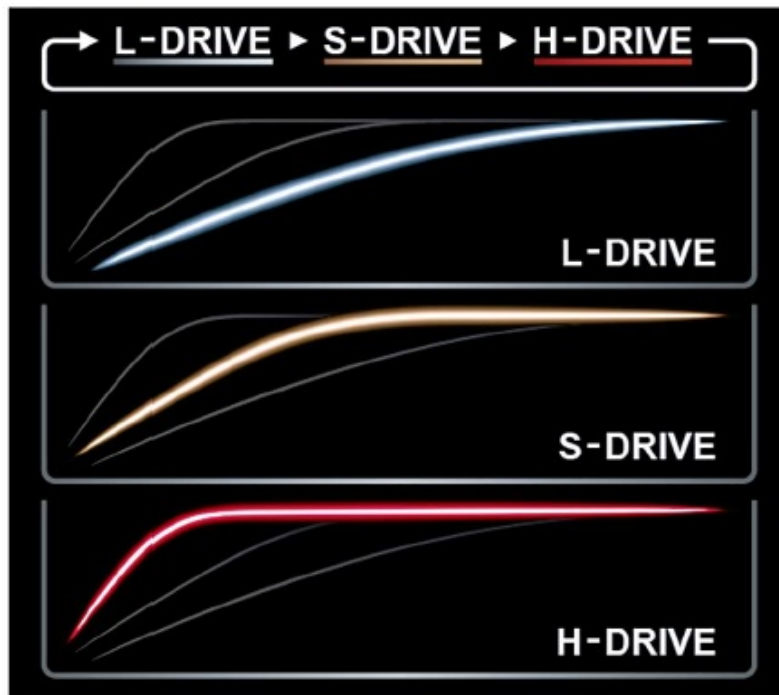
MST LSDX 3.0 Gyroper-G R-C Drift Arena



FEATURES

LSD X has the unique U SI H mode of three different sensor curves.

- S-DRIVE : LSD X standard mode.
- L-DRIVE : More flexible than standard and good for the short distance curved track.
- H-DRIVE : The gyro assists vehicle activity advancely. It is suitable for the slipping, long distance and high speed track.



- **NEUTRAL AUTOMATIC LOCK FUNCTION**

The LSD X gyro is able to auto-lock the neutral point to ensure servo correct position at any time. You do not have to adjust the neutral by hands as traditional gyros!

- **SERVO STROKE PROTECTION SETTING LSD X**

can detect the left and right direction (EPA) strokes of the remote control. To match the max left and right moving stroke of the remote control (EPA) to prevent the overheating of the servo stroke and prolong the servo life.

- **CONSIDERATE FUNCTION FOR FORWARD AND REVERSE ROTATION CHANGE EASILY**

You can change the rotation by switching instead of changing gyro position and direction. More choices to set it up!

- **IMPROVE THE ADJUSTING CONVENIENCE AND FREEDOM LSD X**

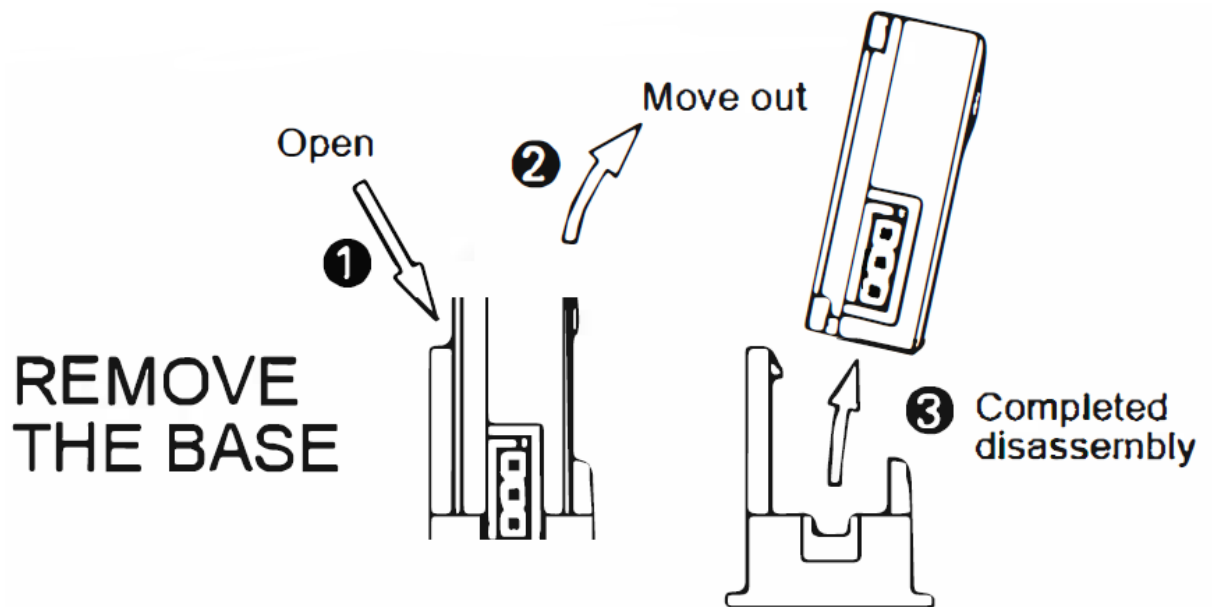
supports the sensitivity adjustment by the transmitter. The digital display can accurately set the sensitivity position, quickly find out the best setting to fit your control experience in all kinds of venues. You can also directly adjust it the sensitivity through the gyro adjusting knob.

- **JAPANESE SENSOR-ELEMENT**

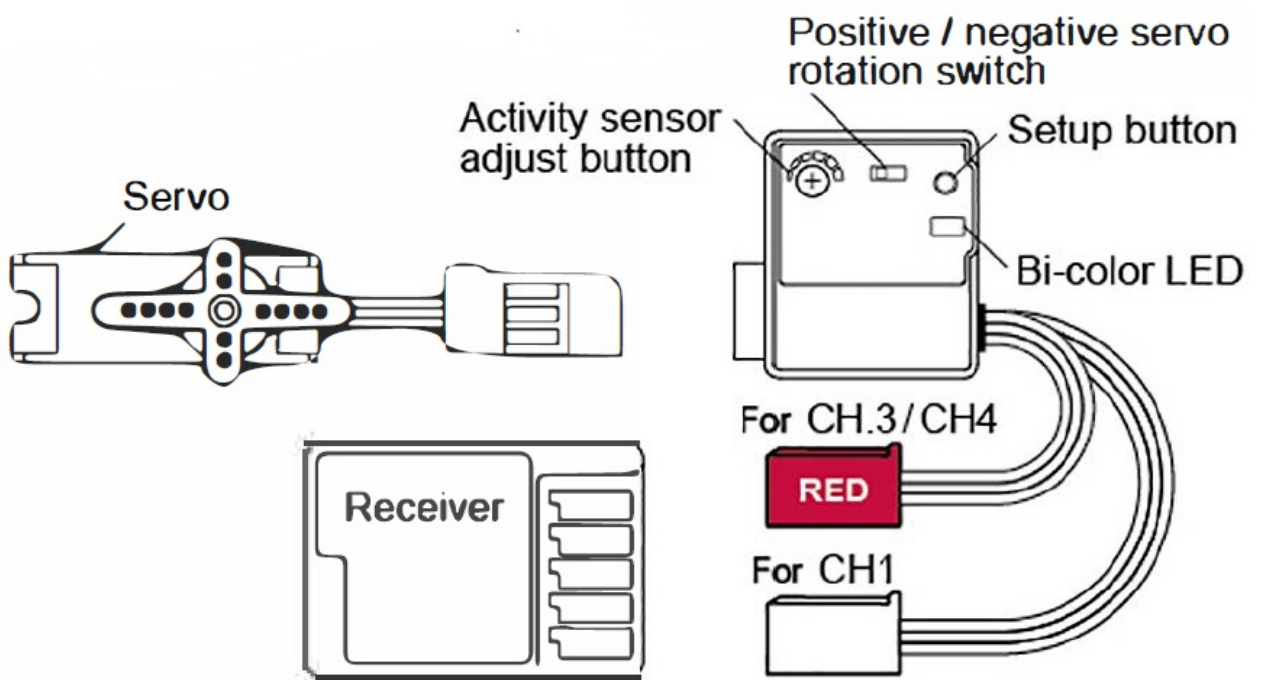
The sensor-element of LSD X gyro is from Japanese Murata, which also applies to the real car.

- **UNIQUE REMOVABLE GYRO BASE**

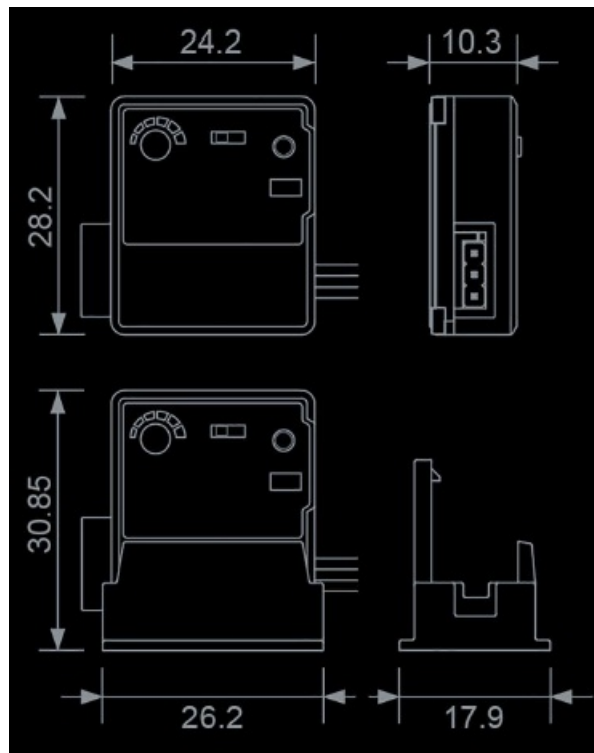
The unique base latch design is convenient for removing. The big fitting base applies to more locations for different cars.



Please read this instruction carefully before any operation of your gyro.



DIMENSION DRAWING



1. D < NEUTRAL SETTING

LSD X supports neutral detecting automatically> Please stand car and tum on gyro after wiring. :CIE Both green and red LED flash about three seconds until the front wheels tum once to left and right,:CII then the green lights for neutral setting completion. The gyro resets automatically the neutral every time when ft is turned on. (i,:Please note that gyro cannot detect the neutral for setting if the car is not standing.)

2. LOCK THE LEFT AND RIGHT DIRECTION POINT IE'i::I OF THE REMOTE

Boot and stay until the neutral automatic detection is completed. Individually tum the left / right direction of the remote control to the end, :CII: and bi-color traffic lights to complete the gyro stroke setting. * The above steps are must be completed each time you tum on the machine to complete such as the gyro will not work. [This step allows the gyro to lock the left / right direction of the remote control (EPA) and let the gyro's momentum be the same as that set by the EPA]

3. FORWARD / REVERSE SETTING

If the gyro act orientation is reversed, please change ft by the positive I reverse switch.

4. TWO KINDS OF SENSITIVITY ADJUSTMENT SETTING

lii BI-SENSITIVITY SETTING- If CH.3 I CH.4 are unconnected to the red plug, the sensor is controlled by the gyro sensor knob. As shown the clockwise direction + 100 for the maximum sensstivfy, the counterclockwise



USE THE ACTIVITY SENSOR ADJUST BUTTON-

When the red plug is connected to CH.3 I CH.4,the sensitivity adjustment swtch will automatically tum off.The sensitivity will be controlled by the remote controller CH.3 I CH.4. As shown in the picture (+100) for the maximum and (- 100) for the minimum sensitivity. • The bi-color traffic lights will go out when the gyro shop



5. OPERATION MODE SETTING

Turn on and wait till the neutral is counted. :CII: Press the setting button to both green and red lights flashing for the mode choosing. Press shortly to change the setting mode, flash once is the L mode, flash twice is the S mode, and flash three times for the H mode.



Choose the mode and press longly till the light is extinguished. Release the button, the lamp lights constantly show the setting is completed. – If the lights are still extinguished after setting completion of step 5, it is because the step 2 setting was not completed after reboot. Please individually turn the left/ right direction of the remote control to the end, and bi-color traffic lights to complete the setting.

SPECIFICATIONS

Dimension: 28.2 × 24.2 × 10.3mm
 Weight: 7.0g(0.285 oz) with plastic Case
 4.8g(0.169 oz) w/o plastic Case
 Power Supply: 4.8-6.0 Volts
 Current Drain: 10mA(4.8V)
 Operating Temperature: -20°C to +85°C
 CH3/CH4 Digital wireless sensitivity adjust

Documents / Resources

	MST LSDX 3.0 Gyroper-G R-C Drift Arena [pdf] User Manual LSDX 3.0 Gyroper-G R-C Drift Arena
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