

Husarion ROSbot

Regulatory Compliance and Safety Information

WARNINGS

- This product contains and is powered from Lithium-Ion batteries. Lithium-ion cells and battery packs may get hot, explode or ignite and cause serious injury if exposed to abuse conditions. Be sure to follow the safety warnings listed below:
 - Use only batteries with protection circuit! Using unprotected batteries may result in serious injuries or fire.
 - Do not connect the positive terminal and negative terminal of the battery to each other with any metal object (such as wire).
 - Do not carry or store battery together with necklaces, hairpins or other metal objects.
 - Do not pierce the battery with nails, strike the battery with a hammer, step on the battery or otherwise subject it to strong impacts or shocks.
 - Do not expose battery to water or salt water, or allow the battery to get wet.
- Use only charger that is included with ROSbot. Use of other charger is possible if it is capable of charging 3S Li-Ion battery configuration, with maximum current of 1A and only at your own risk.
- The connection of unapproved devices to the CORE2 I/O ports or other ROSbot ports may affect compliance or result in damage to the unit and invalidate the warranty.
- Keep this product away from children. It has rough edges and contain small parts that could be swallowed.

INSTRUCTIONS FOR SAFE USE

To avoid malfunction or damage to your ROSbot please observe the following:

- Do not expose ROSbot to dust or moisture. ROSbot is designed only for internal use.
- Do not expose it to heat from any source; the ROSbot is designed for reliable operation at normal ambient room temperatures (0...40°C / 32...104°F)
- Please avoid a deep discharge of batteries which may lower their lifecycle.
- Avoid using ROSbot in places where the robot could fall on the ground. It is not designed to resist falls from a height higher than small thresholds or curbs.
- Clean ROSbot with a damp cloth.
- All peripherals used with the ROSbot should comply with relevant standards for the country of use and be marked accordingly to ensure that safety and performance requirements are met. These articles include but are not limited to RC servos, sensors, Wi-Fi USB cards, modems, smartphone/tablet and USB cables used in conjunction with the ROSbot.
- Periodically check if the wheels and the coupling with motor axes are tightened properly.
- Avoid using ROSbot without connecting the Wi-Fi antenna.

COMPLIANCE INFORMATION for ROSbot*

* - does not include information about ASUS Tinker Board compliance

The device complies with the relevant provisions of the RoHS Directive for the European Union.



WEEE DIRECTIVE STATEMENT FOR THE EUROPEAN UNION

In common with all Electronic and Electrical products the device should not be disposed of in household waste. Alternative arrangements may apply in other jurisdictions.



EUROPEAN UNION (EU) ELECTROMAGNETIC COMPATIBILITY DIRECTIVE COMPLIANCE STATEMENT

This product is in conformity with the protection requirements of EU Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

This product has been tested and found to comply with the limits for Class B Information Technology Equipment according to the European Standard EN 55022 and EN 55024.



FEDERAL COMMUNICATIONS COMMISSION (FCC) EMISSIONS COMPLIANCE STATEMENT

This equipment has been tested and complies with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device might not cause harmful interference, and (2) this device must accept any interference received, including interference that might cause undesired operation.



INDUSTRY CANADA CLASS B EMISSIONS COMPLIANCE STATEMENT

This Class B digital apparatus complies with Canadian ICES-003.



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COMPLIANCE INFORMATION for other ROSbot modules

ROSbot robot contains the ASUS® Tinker Board single board computer. The compliance information for Tinker Board is provided in quick start guide printed by ASUS®, which is included to ROSbot.

END NOTES

This product is intended for use for engineering development, demonstration, evaluation purposes and for hobbyists. Although we have made every effort to make our product compliant, and it was tested for compliance with the limits of Class B Digital Device/Information Technology Equipment, using this equipment with inappropriate external modules or components may cause interference with radio communications. In that case the user at his own expense will be required to take whatever measures may be required to correct this interference.

We do not take responsibility for any damage arising from the use of equipment built or software written by the user on the basis of our device, "reference design", software tools and other educational materials. You have full and exclusive responsibility to assure the safety and compliance of your final products or projects made using ROSbot, external modules or similar development tools manufactured by Husarion.

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