

OVERVIEW OF REGULATIONS APPLICABLE TO ELECTRICAL AND ELECTRONIC TOYS

EUROPEAN REQUIREMENTS

REGULATIONS	STANDARDS	ELECTRICAL & ELECTRONIC REMOTE CONTROL TOY						ELECTRICAL & ELECTRONIC TOY – BATTERY INCLUDED	ELECTRICAL & ELECTRONIC TOY – BATTERY CHARGER INCLUDED	ELECTRICAL & ELECTRONIC TOY – TRANSFORMER INCLUDED	ELECTRICAL & ELECTRONIC TOY – TRANSFORMER AND BATTERY INCLUDED
		FREQUENCY: 13.56 MHz		FREQUENCIES: 27/40/49 MHz		FREQUENCY: 2.4 GHz					
		Battery	Charger included	Battery	Charger included	Battery	Charger included				
Toy Safety Directive 2009/48/EC *	EN 62115	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Electric Safety Directive 2014/35/EU	EN 61558-2-7 (linear mode) / EN 61558-2-16 (switch mode) Transformer for toy									✓	✓
	EN 60335-2-29 A1&A2		✓		✓		✓		✓		
RoHS 2 Directive 2011/65/EU*	EN 50581	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WEEE Directive 2012/19/EU	EN 50419	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EMC Directive 2014/30/EU*	EN 55014-1 A1&A2 EN 55014-2 A&&A2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Battery Directive 2006/66/EU (if battery included)		✓	✓	✓	✓	✓	✓	✓	✓		✓
Radio Equipment Directive (RED) 2014/53/EU*	EN 300 330-2 EN 301 489-3 EN 62479	✓	✓								
	EN 301 489-3 EN 300 220-2 V2.4.1 EN 62479			✓	✓						
	less than 10mW EN 300 440-2 EN 301 489-3 EN 62479					✓	✓				

* requires CE marking, CE Declaration of Conformity and Technical Documentation

NOTES:

- Battery chargers and transformers are not toys. They are excluded from the Toy Safety Directive 2009/48/EC and need to comply with the Low Voltage Directive (LVD).
- Legislation is the only authentic legal reference information. Please refer to it for full details.

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