



2009 “MECA Kids” Format Rules

“**MECA Kids**” - Intended for MECA Members and their “MECA Kids” to share club activities and learn about club and sports competition interactions.

3 “**MECA Kids**” Classes

MK1 - Ages 5 and Under: 1 - 8” Woofer and 1 - 20 Amp AGU Fuse

MK2 - Ages 6+: 1 Woofer and 1 - 40 Amp AGU Fuse

MKDB - All “MECA Kids” with qualifying vehicles and systems

Basic Rules

1. The vehicle must be a commercially available electric toy. In other words: no custom built rides.
2. The vehicle must be able to pull its own weight and maintain all the factory designed functions. In other words: it must drive, turn, etc.
3. The vehicle must be operated from a 12-volt battery source that must also power the vehicle, except for vehicles that are of some other voltage nature; i.e. 6 volt vehicles. The 12-volt source must be mounted to the vehicle in a secure fashion and must remain within the confines of the vehicle.
4. The source unit must be mounted externally from the vehicle and must be powered by the vehicle. The source unit must be operated by the child, but an adult may help the younger children.
5. The vehicle must pass a basic safety inspection.
6. Sensor placement will be in some type of floorboard area. The front of the sensor will be placed 1” from the nearest surface.
7. No body modifications will be made with the intent of increasing the sound pressure level score. Body modifications include; but not exclusively, fiberglass or adding panels that were not there originally; i.e. doors, roof, etc.
8. Source material must be of a musical track nature. Please see source material rules for “Drive-by SPL Parade”.
9. Children of MECA members will be given a free “MECA Kids” membership to the club.
10. The entry fee will be \$5 and will include 1 pass for the sound pressure test. “MECA Kids” may also take a free “Drive-by SPL Parade” test.
11. The highest score wins, measured in dB by the TermLab meter. Tie-breaker tests will be given when necessary.
12. If a parent is caught cheating in any way, the entry will be disqualified. This is intended to teach children about competition and fun, not how to cheat.
13. Hearing protection is required at all times during competition.
14. The system must play without blowing a fuse. If the fuse blows, the child will be given the opportunity to repair the malfunction and make another pass. If the fuse blows again, the pass is disqualified.

System Requirements

MK1 (MECA Kids 1) (Ages 5 & Under)

1. The system is restricted to 1 - 8” woofer and 1 - 20 amp AGU fuse.
2. Due to space restrictions on certain electric toys, seats may be relocated as long as the vehicle can be driven by the average child. A seat may be reduced in size as long as a child can still drive the vehicle.
3. All aspects of the system must remain in the confines of the vehicle, except the source unit. No build-outs or adding extensions on the body. In this class, the confines of the vehicle will be defined as the body. No part of the system can extend further than the aspects of the body of the vehicle.
4. The enclosure can be no taller than 16” or the highest portion of the vehicle that comes from the factory.
5. The vehicle must have some form of full range speaker in order to verify that musical tracks are being played.

MK2 (MECA Kids 2) (Ages 6+)

1. The system is restricted to 1 woofer and 1 - 40 amp AGU fuse.
2. Due to space restrictions on certain electric toys, seats may be removed. Due to the the weight and size of the children of this class, the vehicle doesn’t have to be driven into the lanes, but the vehicle must drive by remote or outside control; i.e. push button throttle.
3. All aspects of the system must remain within the confines of the vehicle, except the source unit. No build-outs or adding extensions on the body. The confines of the vehicle will be defined as all aspects of the vehicle. Width is defined from tire to opposite tire, and length is defined from front bumper to rear bumper..
4. The enclosure can be no taller than 20”, including anything mounted to the enclosure.
5. All parts of the enclosure must be at least 8” from the steering wheel of the vehicle. No modifications to the steering wheel will be allowed in order to place the enclosure closer to the front end.
6. The vehicle must have some form of full range speaker in order to verify that musical tracks are being played.

“Drive-by SPL Parade” Rules for ‘MECA Kids’

1. All “MECA Kids” will be eligible to compete in one division known as MKDB unless the show promoter wishes to divide the class, in which case the classes will mirror standard “MECA Kids” SPL classes.
2. All rules will mirror MECA’s “Drive-by SPL Parade” rules, except sensor placement. Sensor placement will be 3’ from the vehicles right side, with standardized height that will be 26” (a “Reality SPL” sensor stand) from the ground.

- Some unique situations may arise that disqualify vehicle, system, and/or competitor from “**MECA Kids**” Format, determined by MECA Judges.