

Official Addendum to the EMMA Rulebook 2010

General	<p>Change categories 2010, approved by majority voting Experienced 2000 Experienced 5 Ch Experienced Unl <i>New: Advanced 4000</i> Advanced 5 Ch Advanced 7 Ch Advanced Unl <i>Advanced Pure Sound One Class – LAST YEAR OF COMPETITION, No Channel Limitation</i> <i>Master 5 ch – no bonus points</i> <i>Master 7 ch – no bonus points</i> Master Unl <i>Master Pure Sound – discontinued</i> Expert Unlimited</p> <p>MM Experienced MM Advanced MM Master MM Expert</p> <p><i>New: ESPL-ESQL – ESPL with tonal accuracy judged</i></p>	<p>2011-Pure Sound This category will be discontinued as of the season 2011. This season (2010) only Advanced Pure Sound will be offered as an open category without deviation (One Class) Self build Equipment is allowed.</p> <p>2011 – Expert unlimited bonuspoints: Maximum 100 bonuspoints, the competitor must make a list with suggestions for maximum 150 points. Any item the competitor thinks is worth a bonus point can only appear once on the list.</p> <p>Master Unlimited: In 2011 the amount of bonuspoints will be raised to 30 points</p>
General	<p>Experienced 2000 and Advanced 4000, explanation For these categories there is a limitation <u>in money only</u>. So, the use of external processors is allowed in these classes. Also there is no limitation in channels.</p>	
Sound Quality	<p>Technical track: depth perception (Stage depth) is taken out of the judging in all Categories</p>	
Installation	<p>Cables USB or iPod cables- or connectors for these devices will not be taken into consideration when judging installation.</p>	
Installation	<p>External devices: As long as external devices which are able to play the EMMA DVD/CD are turned off or disconnected during the judging process these devices will not be judged. This has to be proven by the competitor. The same rule applies for Rear Seat Entertainment Systems.</p>	

Installation	<p>Modification</p> <p>Page 25, paragraph 4.2.1</p> <ol style="list-style-type: none"> 2. Any power wire of the system connected to a positive battery post (including possible extra batteries) must be fused within 40 cm from the battery post (considering total wire length and/or length of metal bar). If the wire passes through any metal panel before the fuse, it must be properly protected with a grommet (not only tubing/sleeve!). There must be no risk for the cable to connect to metal before the fuse and this rule applies only to an additional battery in a sealed metal box.. This includes wiring for external charging systems / service connections etc. that are permanently installed. 3. For any additional battery used, the wire length / length of metal bars between the positive posts must be shorter than 40cm, otherwise they should be properly fused. 	
MM	<p>MM Experienced and MM Advanced will be judged with Dolby Digital 2.0. When judging these 2 classes the rear speakers must be turned off.</p>	
ESPL	<p>ESPL Page 65, procedures and rules for ESPL Add paragraph to be able to measure voltage at the amplifiers “ALL amplifier power terminals must be accessible during the measuring procedure. The judges are allowed to measure the voltage at any time during the measurement.</p>	
ESPL	<p>Speaker calculations:</p> <p>Original - Page 65, change paragraph 10 – please delete Cars with more than two midrange/woofer speakers per side installed (front and rear together) must compete in the next higher competition category. Each two additional midrange/woofers (e.g. #5&6) installed in the system will be counted as one additional woofer. The mid woofer(s) must be smaller than 20cm (8”) / 6x9”. Not used OEM speakers will not be taken in consideration. The competitor has to prove that the speakers are not connected to the audio system.</p> <p>New paragraph text: Competitors are allowed 1 x 8 inch speaker in front door (both sides) or any amount of speakers with a diameter smaller than 8 inch. If there are more or larger speakers mounted than stated above, the competitor will move up to a higher category or class.</p>	

ESPL	<p>NEW ESPL Category</p> <p>ESQL A “lot” of cars in ESPL are playing to the outside, so measuring them inside the car is difficult. The rules are to be worked out in 2010 and some trial events will show the result. The idea is to judge the audio system from the outside in a distance of 5 meters behind the car with open doors and trunk.</p>	
Racing	<p>Page 71, paragraph 8.2.3</p> <ul style="list-style-type: none"> Chip 2 Intercooler upgraded 3 NOS/WAES 4 Heavy Mechanical 5 Tuning (bigger turbo/engine swap/gear box or transmission tuning) 	