

2018 / 2019 EMMA Categories & Classes

1.1 SQ Sound Quality

E – Category (Entry)

- **Up to 3000 €**
- **Unlimited**

Installation:

Only basic installation requirements – No documentation / presentation required.

Restrictions

- Limited to Newcomers – Competitor has never taken part on any EMMA or other sanctioning bodies sound quality competition
- No sponsored cars (invoices for all components must be available for proof of purchase upon request)
- No judges or professionals
- No modified or self-build active components
- No restrictions of modifications to the Installation

Competitors can compete a maximum of two competition years in E-Category. The champion of the national (and/or international) final will be promoted to a higher category.

S - Category (skilled)

- **OEM**
- **Up to 4000 €**
- **Unlimited**

Installation:

Average installation requirements – No documentation / presentation required.

Restrictions:

- No sponsored cars (invoices for all components must be available for proof of purchase upon request)
- No judges and professionals
- No modified or self-build active components
- No restrictions of modifications to the Installation except in OEM class

OEM restrictions:

- In the Cabin area, only OEM speaker locations and/or grilles available are allowed to be used (for one or more speakers)
- If a higher OEM-trim level as the competitor's car has other/additional speaker locations and/or grilles these can be used, too
- No special edited car-models from "tuning companies"; special editions from initial car-manufacturer is acceptable
- Head unit can be changed, or an additional head unit can be installed
- Additional volume control/display can be installed
- Any change that is not related to the car audio system

The champion of the national (and/or international) final will be promoted to a higher category.

M - Category (Master)

- **OEM**
- **Up to 5000 €**
- **Limited**
- **Unlimited**

Installation:

Moderate installation requirements – A documentation is required.

Restriction:

- In M limited category no judges / EMMA-officials are allowed to compete. The champion of the national (and/or international) final of this class will be promoted out of limited class.
- No restrictions regarding installation except in OEM class
- No modified or self-build active components in price limited class

OEM restrictions:

- In the Cabin Area, only OEM speaker locations available can be used (for one or more speakers)
- If a higher OEM-trim level as the competitor's car has other/additional speaker locations, these can be used, too
- No special edited car-models from "tuning companies"; special editions from initial car-manufacturer is acceptable
- Head unit can be changed, or an additional head unit can be installed.
- Additional volume control/display can be installed.
- Speaker grills can be modified or changed, maintaining the size (not bigger or smaller) and shape (not protruding or depressing) of the OEM-grill. Reference for the evaluation of the grill-modification / exchange must be the OEM speaker grill (or if available but not standard in the competitor's car the most advanced speaker grill of that car-Model) - competitor must proof if requested by judging process, e.g. By photo before/after...
- Any change that is not related to the car audio system

X - Category (Expert)

- **Limited**
- **Unlimited**

Installation:

Extreme installation is appreciated and beneficial – A detailed documentation / presentation is required.

Restriction:

- In Unlimited, the car does not necessarily have to be officially registered
- additional points for design
- The car must be able to drive on its own by a driver sitting in the car
- Bonus points in Limited up to 15, Unlimited up to 100.

1.2 MM Multi Media

S - Category (skilled)

- **Multi Media 2.1**

Installation:

Moderate installation requirements– No documentation / presentation required.

Restrictions:

- No modified or self-build active components
- No restrictions of modifications to the Installation

M - Category (Master)

- **Multi-Media Master 5.1**

Installation:

Moderate installation requirements – A documentation is required.

No restrictions regarding Installation

1.3 ESPL (EMMA Sound Pressure League)

Measurement closed:

The first measurement will be with the doors closed – a minimum 30 seconds of music will be played. Within this measurement, the peak SPL will be measured. Within the next 2 minutes a second measurement will follow:

Measurement open:

The second measurement will be done with both front doors completely open – a minimum 30 seconds of music will be played with the same track as in the first measurement. Within this measurement, the average SPL will be measured.

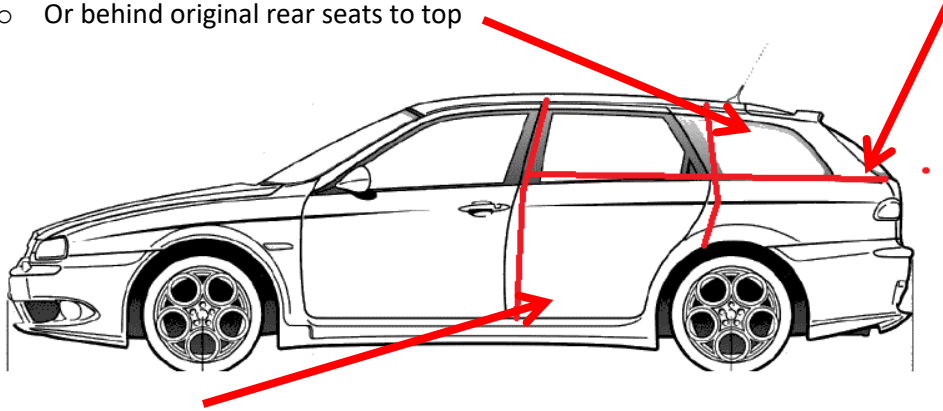
ESPL Categories:

- **ESPL Trunk 1000€**
 - max. value of Subwoofers + Amplifiers = 1.000€
 - no professionals, no judges/EMMA officials
 - only one battery in the OEM-location allowed
- **ESPL Trunk- 1 Woofer**
- **ESPL Trunk- 2 Woofer**
- **ESPL Trunk- 4 Woofer**

All need to be within the trunk compartment
no voltage above 14.4

Moderate installation requirements as per Skilled Level.

- **ESPL B / R- limited**
 - Enclosure from B pillar and no higher than original rear seat (not including head rests)
 - Or behind original rear seats to top



- **ESPL Wall - limited (max 16 woofer, 14.6 volts)**
- **ESPL Expert - Unlimited no limit on woofers or voltage**

1.4 ESQL (EMMA Sound Quality League)

- **ESQL Trunk**
 - Fully usable car in the cabin section
 - Woofers in the trunk as per ESPL Trunk
- **ESQL Unlimited**
 - Any modification is allowed
 - Only the front seats must be usable in the intended way

1.5 EMMA Tuning

Vehicle Tuning is judged on ESPL, SQ and Modifications of the vehicle

- **Tuning Stock**
 - OEM Body & Painting,
 - Interior modifications
 - Evidence must be provided where the modifications cannot be seen
- **Tuning Custom Trunk**
 - Woofers must be in trunk location as per ESPL Trunk,
 - Interior, Body & Paint modifications are allowed
 - Evidence must be provided where the modifications cannot be seen
- **Tuning Custom unlimited**
 - Woofers can be in any location as per ESPL
 - Interior, Body & Paint modifications are allowed
 - Evidence must be provided where the modifications cannot be seen