

## **2015 Addendum starting, 1<sup>st</sup> of April 2015**

### **3 EMMA Rules – Sound Quality**

#### **Chapter 3.1.2: Sound Quality Experienced (page 15)**

The Following paragraphs are canceled completely:

- It is allowed to install one pair of speakers (not bigger than 10cm according to the manufacturers description) either to the A - pillars or mirror triangle (one on each side) or to the original places for speakers in the dashboard. Note: Co - Axial speakers will be considered as two separate speakers ending up in two pairs of speakers in above mentioned places. This is not allowed in Experienced.
- If speakers are mounted in the dash they must be mounted to OEM locations - The surface of the dashboard has to follow the OEM design. Speaker adapter rings can be used and grills may be changed, but must not protrude from the OEM surface.

The Following paragraph changed:

The vehicle and/or competitor has never won a first place in the category EMMA Experienced on a national or international championship

#### **Chapter 3.1.3: Sound Quality Advanced (page 16)**

The Following paragraphs are canceled completely:

- It is allowed to install speakers (not bigger than 10cm according to the manufacturer's description) to the A - pillars , mirror triangle and/ or to the original places for speakers in the dashboard .
- If speakers are mounted in the dash they must be mounted to OEM locations that can be modified for improved speaker installation - The surface of the dashboard should approximate the OEM design. Speaker adapter rings can be used and grills may be changed, but must not protrude from the OEM surface.

The Following paragraph changed:

The vehicle and/or competitor has never won first place in the category EMMA SQ Advanced (or higher) on a national or international championship

#### **Chapter 3.1.6: Sound Quality Expert OEM**

Install of SQ Expert OEM will be judged according to the Master installation with additional 15 Bonus points. A maximum of 130 points can be achieved in installation.

### **Chapter 3.1 – Streaming (page 12 & 13)**

The Following paragraphs are canceled:

Portable Media - Players such as I - pod , USB - devices or portable memory media such as SD Card, Memory Stick, Hard Drive, etc. are valid sources of media. They can be used in the judging process when they are physically connected to the head unit. For a competition these devices have to be provided by EMMA. The media sources provided by EMMA are – for all categories SQ/ESPL/ESQL:

- Audio CD
- MP3
- AAC
- WAVE

The media sources as well as the audio source (e.g. iPod) have to be provided by EMMA

If a local (in car) copy of the media is necessary for the judging process, the competitor has to make it possible that the EMMA SQ - Judge can copy the files to the competitors unit. After finishing the judging procedure, the files will be deleted by the EMMA SQ - Judge.

The following paragraphs have been added:

The Hardware provided by EMMA for the judging process is Micro SD Card, SD Card, Compact Flash Card, USB-Stick, Android Device, IOS Device, Audio CD.

Following formats are available:

- MP3
- AAC
- WAVE
- LPCM2.0

Streaming of media is allowed for the judging process if requested by the competitor. The **mentioned** media as well as the streaming device will be provided by EMMA.

#### **Modification in Experienced, Advanced and price limited categories**

The separation of the source unit from their control panel is allowed on condition that the conversion is limited to depose the control panel from the rest of the device and using a cable to connect the two units without affecting the audio signal. The modifications must be documented accordingly by the competitor.

If modifications are done by a manufacturer the competitor must proof by a manufacturer's receipt or a manufacturer's documentation.