Judging matrix for the categories used in the rulebook 2009-2010

Measurement I (open doors)
Measurement II (closed car)

Sound Quality

	Chapter	Score	Category: Entry	Experienced	Advanded	Master	Expert Unl.
Sound			**70**	**275**	**320**	**326**	**496**
Checking Charger connected	5.1.1	y/n	X	X	X	X	X
Verification of reasonable driving position	5.1.2	y/n	X	X	X	X	X
Channel verification	5.1.3	y/n	X	X	X	X	X
Calibration of Volume	5.1.4		X	X	X	X	X
Sound Stage and Imaging Characteristics							
Sound Stage - distance to Sound Stage	5.2.1	15	X	X	X	X	X
Sound Stage - width of sound stage	5.2.2	15		X	X	X	X
Sound Stage - hight of the sound stage	5.2.3	15		X	X	X	X
Sound Stage - depth of the sound stage	5.2.4	10			X	X	X
Sound Stage - ambience	5.2.5	10			X	X	X
Imaging - position	5.3.1	25		X	(X)*1	(X)*1	X
Imaging - focus	5.3.2	25			(X)*1	(X)*1	X
Tonal accuracy and spectral balance							
Sub-bass	5.4.2	30		X	X	X	2x
Mid-bass	5.4.2	30		X	X	X	2x
Midrange	5.4.2	30		X	X	X	2x
High frequency	5.4.2	30		X	X	X	2x
Overall spectral balance (normal volume)	5.5.1	30	X	X	X	X	2x
Overall spectral balance at higher volume	5.5.2	30		X	X	X	2x
Listening pleasure	5.6.1	25	X	X	X	X	X
Adjustments to score							
Engine-off testing- switching noise	5.7.2	0		X	X	X	X
Engine-off testing- system noise	5.7.3	0		X	X	X	X
Engine on	5.7.4	0		X	X	X	X
Ergonomics							
System handling - visibility	5.8.1	3				X	X
System handling - control	5.8.1	3				X	X
					*1 = not judged in Pure Sound		
Install			**60**	**100**	**135**	**235**	**225 +**
Basic Presentation & Documentation	4.1.1	5			X	X	X
Documentation of hidden / not accessible components	4.1.2	5				X	X
Documentation of hidden / not accessible wiring	4.1.3	5				X	X
Progessed Presentation & Documentation	4.1.4	5				X	X
Presentation to the public	4.1.5	10		X	X	X	X
Cleanliness	4.1.6	5		X	X	X	X
Any power wire fused properly	4.2.1	10	X	X	X	X	X
Wires properly terminated	4.2.2	5		X	X	X	X
Any wire termination properly protected	4.2.3	5			X	X	X
Wires protected from damage	4.2.4	5			X	X	X
Interior Wires hidden from view	4.2.5	5			X	X	X
Components securely mounted	4.3.1	20	X	X	X	X	X
Mounting panels securely mounted	4.3.2	20	X	X	X	X	X
Cooling	4.3.3	5				X	X
Protection of Speakers	4.3.4	5			X	X	X
Normal use of vehicle	4.3.5	20		X	X	X	X
First optic impression of installation	4.3.6	10	X	X	X		
Design of vehicle - passenger compartment	4.4.1	10				X	X
Design of vehicle - trunk compartment	4.4.2	10				X	X
Overall design of vehicle	4.4.3	10					X
Craftsmanship - wiring	4.5.1	10				X	X
Craftsmanship - front end	4.5.2	10				X	X
Craftsmanship - amplifiers	4.5.3	10				X	X
Craftsmanship - speakers	4.5.4	10				X	X
Craftsmanship - other devices	4.5.5	10				X	X
Overall craftsmanship	4.5.6	10			X	X	X
Bonus points	4.5.7	20				X	
Bonus points unlimited	4.5.7	???					X
Total Points			**Entry**	**Experienced**	**Advanded**	**Master**	**Expert Unl.**
			130	**375**	**455**	**561**	**721 +**

ESPL

	Category: Entry	Experienced	Experienced Plus	Advanced	Advanced Plus	Master	Expert
Sound							
Checking Charger connected	X	X	X	X	X	X	X
Verification of reasonable driving position	X	X	X	X	X	X	X
Install	**50**	**65**	**100**	**65**	**100**	**65**	**115**
Basic Presentation & Documentation							X
Documentation of hidden / not accessible components							
Documentation of hidden / not accessible wiring							X
Progessed Presentation & Documentation							X
Presentation to the public							
Cleanliness	X	X	X	X	X	X	X
Any power wire fused properly	X	X	X	X	X	X	X
Wires properly terminated	X	X	X	X	X	X	X
Any wire termination properly protected		X	X	X	X	X	X
Wires protected from damage		X	X	X	X	X	X
Interior Wires hidden from view		X	X	X	X	X	X
Components securely mounted	X	X	X	X	X	X	X
Mounting panels securely mounted							
Cooling							
Protection of Speakers							
Normal use of vehicle							
First optic impression of installation	X	X	X	X	X	X	X
Design of vehicle - passenger compartment			X		X		X
Design of vehicle - trunk compartment			X		X		X
Overall design of vehicle			X		X		X
Craftsmanship - wiring							
Craftsmanship - front end							
Craftsmanship - amplifiers							
Craftsmanship - speakers							
Craftsmanship - other devices							
Overall craftsmanship			X		X		X
Bonus points							
Bonus points unlimited							
Total Points	**Entry**	**Experienced**	**Experienced**	**Advanced**	**Advanced**	**Master**	**Expert**
	50 +	**65 +**	**100 +**	**65 +**	**100 +**	**65 +**	**115 +**

Multi Media

	Chapter	Score	Category: Experienced	Advanded	Master	Expert
Sound and picture			**225**	**316**	**316**	**376**
Checking Charger connected	6.1.1	y/n	X	X	X	X
Verification of reasonable driving position		y/n				
Channel verification		y/n				
Calibration of Volume						
Sound stage and room quality						
360° Level	6.2.1	25		X	X	X
360° Movement	6.2.2	25		X	X	X
Room quality - sub	6.2.3	10	X	X	X	X
Room quality - frontstage	6.2.4	10	X	X	X	X
Room quality - surround	6.2.5	10		X	X	X
System separation	6.2.6	25	X	X	X	X
Tonal accuracy and spectral balance						
Sub-bass	5.4.2	15	X	X	X	2x
Mid-bass	5.4.2	15	X	X	X	2x
Midrange	5.4.2	15	X	X	X	2x
High frequency	5.4.2	15	X	X	X	2x
Tonal accuracy / Spectral balance						
Normal volume	6.3.2	25	X	X	X	X
High volume	6.3.3	25	X	X	X	X
Timbre matching	6.3.4	25	X	X	X	X
Picture quality						
Details and resolution	6.4.1	15	X	X	X	X
Contrast and brightness	6.4.2	15	X	X	X	X
Colour	6.4.3	15	X	X	X	X
Multimedia experience	6.4.4	25		X	X	X
System handling						
System handling	6.5.1	6		X	X	X
Adjustments to score						
Switching noise	6.6.1	0	X	X	X	X
System noise	6.6.2	0	X	X	X	X
Engine on	6.6.3	0	X	X	X	X
Picture noise	6.6.4	0	X	X	X	X
Install			**100**	**135**	**235**	**225 +**
Basic Presentation & Documentation	4.1.1	5		X	X	X
Documentation of hidden / not accessible components	4.1.2	5			X	X
Documentation of hidden / not accessible wiring	4.1.3	5			X	X
Progessed Presentation & Documentation	4.1.4	5			X	X
Presentation to the public	4.1.5	10	X	X	X	X
Cleanliness	4.1.6	5	X	X	X	X
Any power wire fused properly	4.2.1	10	X	X	X	X
Wires properly terminated	4.2.2	5	X	X	X	X
Any wire termination properly protected	4.2.3	5		X	X	X
Wires protected from damage	4.2.4	5		X	X	X
Interior Wires hidden from view	4.2.5	5		X	X	X
Components securely mounted	4.3.1	20	X	X	X	X
Mounting panels securely mounted	4.3.2	20	X	X	X	X
Cooling	4.3.3	5			X	X
Protection of Speakers	4.3.4	5		X	X	X
Normal use of vehicle	4.3.5	20	X	X	X	X
First optic impression of installation	4.3.6	10	X	X		
Design of vehicle - passenger compartment	4.4.1	10			X	X
Design of vehicle - trunk compartment	4.4.2	10			X	X
Overall design of vehicle	4.4.3	10				X
Craftsmanship - wiring	4.5.1	10			X	X
Craftsmanship - front end	4.5.2	10			X	X
Craftsmanship - amplifiers	4.5.3	10			X	X
Craftsmanship - speakers	4.5.4	10			X	X
Craftsmanship - other devices	4.5.5	10			X	X
Overall craftsmanship	4.5.6	10		X	X	X
Bonus points	4.5.7	20			X	
Bonus points unlimited	4.5.7	???				X
Total Points			**Experienced**	**Advanded**	**Master**	**Expert**
			325	**451**	**551**	**601 +**