JEEP BEATS SOUND & LIGHT COMPETITIONS

A LITTLE HISTORY

For over 4 decades, car audio competitions called Soundoffs, have been, and still are, performed in over 32 countries around the world. Many of these events are small, local gatherings and others are held at huge events. The premier competition association, I.A.S.C.A. (International Auto Sound Challenge Association) trains judges to evaluate sound quality, installation quality and sound pressure level (how loud it can play clearly) in a fun and educational environment. The competitions are not associated with sales environment; therefore, consumer education ensues.

The former president of IASCA, and owner of Soundcrafters, Daytona Beach's Car Audio Powerhouse, coordinates with Jeep Beach, Inc., to present the IASCA rules of competition, modified to comply best with the difficult acoustic values found in Wranglers, Gladiators, and other Jeeps with similar framework. The difference in these vehicles mostly stems from OEM speaker placement and the vehicle's structural environment. Because these vehicles are unlike a typical sedan, certain judging criteria are modified to conform to fairly judge sound and installation quality and SPL, AKA Sound Pressure Level. Judging classifications are made so that similar "builds" compete and not against an "Over the Top" system.

COMPETITION PROTOCOLS

PLEASE read thoroughly, especially the Classification segments for Jeep Beats and JeepGlo, to fully understand what to expect in the judging lanes.

JEEP BEACH is a family-oriented event. Absolutely no music, explicit lyrics and/or videos that are deemed offensive are permitted. Competitors that violate this protocol will be eliminated from the competition, without recourse and at the discretion of **JEEP BEACH** Management, may subject the offender to the dismissal from the event premises.

While in the Judging lanes, competitors are prohibited from playing their systems at a loud level that would interfere with the sound quality judging of other Jeeps. Failure to comply, especially after being warned by an IASCA official, could subject the competitor to disqualification without recourse.

Judges are experienced, trained, and certified by the International Auto Sound Challenge Association.

Competitors are restricted from talking to their Judge and must stand back a minimum of 10 feet from his or her vehicle during the judging process. Only if the Judge speaks to or asks a question of the competitor should the competitor engage in a conversation. Upon completion of the judging process the judge may offer suggestions and competitors may ask for input for the improvement of the system.

At the end of the award ceremony, each competitor can receive a copy of their Judging score sheet.

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SOUND JUDGING CLASSIFICATIONS.

Classes are designated so that the judging is fair and uncompromised among competitors. E.g., a Hard Top can contain more sound than a Soft Top; likewise, a Soft Top will contain sound better than an Open Class (no top). Below, familiarize yourself with the judging criteria, the rules, and, most importantly, the classes of competition that **you must choose at registration**.

Classes are designated as: **HARD TOP - SOFT TOP – OPEN TOP – OVER THE TOP.**

Hard Top Class: This class covers all Jeeps with a fixed or removable Hard Top.

The complete hard top must be on the Jeep. Any OEM or aftermarket "Sunrider" panel above the front seating, (soft or hard) must be in place, and all sides and doors installed (interior must appear to be sealed when doors are closed). During "judging" the doors, windows, and rear hatch are allowed to be open, but no part of the Hard Top may be removed during judging. Missing or removing any overhead roof part will change the classification.

Soft Top Class: This class covers all Jeeps with a Soft Top.

Soft Top Class includes any fabric material roof, including Bikini Tops, Sunshades, Sunscreens, and any other material that would help contain the sound from vertical escape. The Soft Top must be installed on the Jeep with all side curtains and doors installed (the interior must appear to be sealed when doors are closed). During "judging" the doors, windows, rear hatch are allowed to be open, but no part of the Soft Top may be removed during judging. Missing or removing any overhead roof part will change the classification.

Open Top Class: This class covers all Jeeps that have no roof covering, and/or side curtains.

Judging in this case considers that the Jeep is playing its music in an open-air environment without a structure to contain sound in the interior. Any level of exterior exposure, even Jeeps with any style top, soft or hard, that have side curtains or any other openings other than windows rolled down or hatch open will be considered and Open Top Class.

Over the Top Class: This class covers all Jeeps that sport excessive speakers and/or extreme power.

For Wranglers and Gladiators that appear to load up the back end, or line the bed of a Gladiator, with a multitude of speakers and/or woofers, that are typically accompanied by extreme powered amplifiers, will be placed in this class. The only difference in judging will be in the SPL category whereas the metering of the Sound Pressure Level will be made five (5) feet away from the rear of the vehicle.

Judges retain the right to reclassify any Jeep if the class designation was chosen erroneously by the competitor at the time of online registration.

Scoring is straightforward. In scoring the different categories, the Judges start at one (1) ppoint in the category and add points based on how the sound system performs in each judging section. The following describes the scoring and judging procedure for each section:

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JEEP BEATS SOUND POINT SCORING CRITERIA

There are four scoring categories, each associated with a point structure for judging:

- **Tonal Accuracy** – Scores up to 40 points possible.
  - How natural / musical does the system sound? Is the tonality balanced?
- **System Safety** - Scores up to 15 points possible.
  - How well is the equipment installed and is it properly protected?
- **System Cosmetics** – Scores up to 10 points possible.
  - Does the "fit and finish" compliment the vehicle? Does it look "factory installed"?
- **SPL** - Scores up to 130 points possible.
  - How loud does the system perform when measured with an SPL Meter?

TONAL ACCURACY - "How natural the music sounds" (Scores up to 40 points possible) Judges will score the sound system from a standing position outside the vehicle, while listening to music selected by the competitor, for up to 30 seconds at a normal listening level. There are 4 scoring areas in this section; Sub Bass, Mid Bass, Midrange, High Frequencies. Each scoring area is worth 10 points. Judges will evaluate these 4 scoring areas at the same time, listening for how well the sound system is able to produce those frequencies and how natural the music sounds. Natural means "Does the guitar sound like a guitar?" "Does the musician sound like they're supposed to sound?" "Do the other instruments being played sound natural as well?"

SYSTEM SAFETY - "Is the equipment installed and properly protected?" (Scores up to 15 points possible) There are 4 scoring areas in this section; System Properly Fused, Equipment Secured and Protected, Wiring, and System Cosmetics. Each scoring area is worth 5 points. • System Properly Fused - Is the sound system properly protected with a main fuse. • Equipment Secured and Protected - Is all the sound system equipment properly installed and secured so it does not present a hazard or danger to the rider or passengers. Is it properly protected from the elements? • Wiring - Is the wiring properly routed so it does not present a short circuit hazard, or a danger to the rider and passengers

SYSTEM COSMETICS - "Does the system look good in the vehicle. How well does it blend in with the vehicle." (Scores up to 10 points possible) Judges will inspect the sound system for installation quality and integration into the vehicle. Scoring is awarded for properly installed equipment as well as properly protected equipment (e.g. fusing, proper wiring techniques, etc.). Judges will determine this by visual inspection only; however, if the competitor wishes to present installation photos to the judge they may do so; judges may or may not award additional points for photos. Equipment not properly mounted (bolted or screwed down) will score lower than equipment that is properly mounted.

SPL - "How loud is the sound system? (Scores up to 130 points possible). Sound Pressure Level scoring is achieved using a portable SPL meter positioned at mid door level, 2 feet from the open driver's door. Competitors can play any music selection they choose. Judges will instruct the competitor to turn the system on for 30 seconds. The meter will record the highest SPL level the system achieved, and that level will be the score. A maximum of 130 points can be awarded.

DETERMINING THE WINNERS:

The highest point score in each class will be the Champion for the class. There are three (3) winning positions, First, Second and Third place awards will be issued. A Best of Show Award will be given to the highest point score achieved in any classification.

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JEEPGLO AUXILIARY LIGHTING JUDGING CRITERIA

JEEPGLO JUDGING CLASSIFICATIONS:

JEEPGLO Lighting competition Judges all aftermarket installed LED, Electroluminescent, Incandescent, Fiber Optic or any other form of lighting added to the vehicle. Classes are designated into three categories: **Interior Lighting, Exterior Lighting, and Overall Lighting.** Judging is based upon quantity and quality, effectiveness, and even intuitive design.

JEEPGLO POINT SCORING CATEGORIES

There are four scoring categories, each associated with a point structure for judging. Point scoring criteria is the same for Interior lighting as it is with Exterior lighting. These judging categories are:

Installation Integrity: 1 to 10 points possible.

Wiring: 1 to 10 points possible.

Cosmetic Integration: 1 to 10 points possible.

Quantity: Capped at 20 points maximum.

Creativity: 1 to 10 points possible.

First, Second and Third Place awards are issued for the Interior and exterior competitions, and only one award for Overall lighting which is designated as **BEST OF SHOW**.