

### Preamble

The requirements outlined below serve to set a minimum standard of quality. This is necessary to make the models meaningful for fellow system engineers who have not been to that particular venue yet.

### Which venues are relevant?

There are two criteria in particular which make a venue relevant for the database:

- The venue frequently hosts touring productions for which a temporary audio system needs to be pre-planned and deployed.
- The venue is sufficiently complex that an appropriate ArrayCalc model cannot be created in very few minutes.

These conditions are typically met in venues of a capacity of 1000-2000 and above, but exceptions do of course apply.

### Accuracy

- The venue model should be accurate to within better than 20 cm and use symmetry where possible to enable the use of ArrayProcessing.
- Reasonable simplification of geometry should be used. I.e., blocks of seating with a continuous slope should be represented as one continuous plane.
- Obvious primary obstacles such as video cubes in arenas should also be approximated as the respective element type.

### Origin

- The origin must be set so that it can be clearly and easily identified in the actual venue.
- E.g., at the kick-off point or center of room in arenas and stadia, at the front edge of a permanent stage or the center of the proscenium arch in theaters.
- It should be clearly indicated in the Comments field in the venue editor which actual point in the venue the origin refers to (e.g. whether the DSC refers to the permanent part of the stage or possibly the raised orchestra pit) and how it can be identified/found at the actual venue.

### Rigging information

- If no additional comments are given, it is assumed that audio rigging points can be created anywhere around a typical stage position within reason.
- If there are mandatory-use house trusses, please include as a structure elements.
- Similarly, if there are mandatory rigging points for audio (often the case in smaller houses where bridles or pre-rigs are not possible) please identify as small, labelled structure elements, if possible.

### Transparency/Lock setting

The default setting for transparency is "ON". Users of the venue file shall adjust as necessary at their discretion.

All venue elements shall be locked to prevent accidental movement.

### Colour palette

The venue file must follow a fixed colour code for different height levels as given below.



If it is meaningful to subdivide e.g. the ground or main floor, different shades of the respective colour shall be used. If the colour palette does not suffice, the colours are repeated in the same order.

### Naming convention

Audience planes must be named by floor level front to back and left to right as seen from FOH.

### Example:

100 front C, 100 front R, 100 front RR, etc., with 100 being the ground level if no other specifications by the venue's naming logic are given.

Audience planes may also be named by seating block or floor names as indicated on official venue floor plans if their subdivision follows the floor plan.

Structural elements should be named meaningfully, e.g. grid, beam, load bearing grid etc.

### Venue geometry considerations with regard to architectural features

- Significant architectural features that enable an easier correlation between ArrayCalc and the actual venue shall be represented as "Structure" elements, e.g. a permanent stage, straight ceiling beams or video cubes.
- Arched beams with their max clearance typically at the center of the venue may be represented as projected flat elements at max clearance.
- Very complex ceiling grids with otherwise high load capacity should be simplified into one quadrangle at the respective minimum clearance height.
- Angled structural elements may be represented by quadrangles at minimum clearance.

\* Entries marked with "⇒" are mandatory

## Location

### ⇒ Complex name

Name of overall multi-venue building or campus.  
Include known former names.  
Leave empty if there is only one event venue in the building/on the campus.

### ⇒ Venue/Room name

Name of the specific venue/room within the multi-venue building/campus.  
Include known former names.

## General data

### ⇒ Street address

### ⇒ ZIP Code

### ⇒ City

### ⇒ State

### ⇒ Country

Location comment

Anything that is important to know when accessing the venue, such as "try to arrive before 9am to avoid terrible traffic".

## Loading dock

**Image WIDTH or HEIGHT at least 3000 px**

- Please provide photographs from the requested angles if possible, they often reveal important details.
- Please only use photographs that you have taken yourself and for which you own the respective intellectual property- and copyrights.
- Please only provide one photograph per angle.
- If there are several loading docks, please provide images of the main loading dock only.
- Please use the prescribed nomenclature.
- All faces or license plates must be blackened for data privacy reasons.

### Loading dock street address

Leave empty if identical to official venue address.

### Photograph of Loading dock access from the outside

#### File name convention

country\_state\_city\_complex\_venue\_load\_out

### Photograph of Loading dock access from the inside

#### File name convention

country\_state\_city\_complex\_venue\_load\_in

### Loading dock comments

Any peculiarities about the dock or loading situation (e.g. "how many trucks at a time", "difficult to reverse into", or "freight elevator only", "very long, narrow push")

\* Entries marked with "⇒" are mandatory

## Interior photographs

- Please provide photographs from the requested angles if possible, they often reveal important details.
- Please only use photographs that you have taken yourself and for which you own the respective intellectual property- and copyrights.
- Please only provide one photograph per angle.
- Please use the prescribed nomenclature.
- If photographs cannot be provided, at least an isometric view of the empty venue taken from the 3D Plot must be provided.
- All faces or license plates must be blackened for data privacy reasons.

### Looking at the stage

Taken from the auditorium, looking at the stage end (if there is a typical stage position).  
Wide angle shot, so that structural elements in the roof can be seen.  
May also be panoramic shot from goal post line in stadia.

### File name convention

country\_state\_city\_complex\_venue\_stage  
e.g. USA\_NY\_New York City\_MSG\_stage.jpg

### Looking at the auditorium

Taken from the stage's point of view towards the auditorium.  
Wide angle shot, so that structural elements in the roof can be seen.  
May also be panoramic shot from goal post line in stadia.

### File name convention

country\_state\_city\_complex\_venue\_audi

### Looking at Stage Left

Picture of the Stage Left wing, taken from Stage Right. Wide angle shot, so that structural elements can be seen.

### File name convention

country\_state\_city\_complex\_venue\_sl

### Looking at Stage Right

Picture of the Stage Right wing, taken from Stage Left. Wide angle shot, so that structural elements can be seen.

### File name convention

country\_state\_c ity\_complex\_venue\_sr

### ⇒ Isometric view/overview

Taken from an upper tier, overlooking the venue. May also be two images if required.  
If photograph is not available, supply screenshot of isometric view in venue editor, with "Solid" view enabled.

### File name convention

country\_state\_city\_complex\_venue\_iso

## Rigging details

### ⇒ Clearance to house grid in meters

Measured from the venue floor.

### Rigging comments

Any additional info, specialities or unusual restrictions, such as "all points have to be bridled" or "no access to catwalk, all points have to be set via cherry picker".

## Venue file

⇒ If the same complex contains several venues, please insert complex name before venue name.

### File name convention

country\_state\_city\_complex\_venue.dbacv

⇒ Origin of the geometry information (CAD, measurement, etc.)?

## Authoring information

The author grants d&b irrevocable rights of use and exploitation concerning the submitted photos and venue files. Details of this license are defined in the "Legal Terms".

It is the author's responsibility to ensure that no third-party rights are infringed by submitting the venue files and photos.

### ⇒ Authored by

Full name

Email address

Mailing address

### ⇒ Authored on

DD-MM-YYYY

⇒ My name may be shown in the database entry:

Yes

No

**THANK YOU VERY MUCH FOR CONTRIBUTING!**

# d&b Venue database

How to submit a venue

## Submitting a venue

Please complete/compile the following files:

- the dbacv venue file
- this document, filled in
- if possible, photographs as described in this document

Finally:

1. Compress all files into a single ZIP file.
2. Name this file: country\_state\_city\_venue.zip
3. Submit it here: [extranet.dbaudio.com](http://extranet.dbaudio.com)
4. Please follow the instructions on the respective online form.

## Do you have questions about the d&b Venue Database?

Please send any questions (not venues) that you may have to [support@dbaudio.com](mailto:support@dbaudio.com)

We will get back to you as soon as possible.

## Legal notice

By signing this document you grant d&b audiotechnik GmbH & Co. KG, Eugen-Adolff-Str. 134, 71522 Backnang ("d&b"), irrevocable, sub-licensable, royalty-free, worldwide rights of use and exploitation of the submitted photos and venue files. You agree that these rights of use and exploitation shall allow d&b to use the submitted photos and venue files in connection with d&b's Venue Database without any restriction. In particular, you grant d&b the right to edit, redesign and adjust the photos and venue files and to use and exploit the results to the same extent as the original files.

Please make sure that you do not infringe any third-party intellectual property rights. In particular:

- You may only submit venue files that you have created yourself.
- You may only submit photographs that you have taken yourself.

For privacy reasons, please blacken all faces and license plates (we will do that for you, should you forget).

## Privacy Notice

You may revoke your consent to show your name in the Venue Database at any time with effect for the future. Revocation shall be sent to [support@dbaudio.com](mailto:support@dbaudio.com). Please be aware of d&b's Privacy Policy: <https://www.dbaudio.com/global/en/privacy-policy/>