

## Training Overview

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Students seeking official training and certification for HiQnet Audio Architect and/or for BSS Audio Soundweb London simply need to follow these four steps.

**Step 1:** Student watches online “pre-learning” videos

**Step 2:** Student attends a live training event

**Step 3:** Student is given access to an exam (administered online after class)

**Step 4:** Upon passing the exam, student receives official Certificate and InfoComm CTS Renewal Units

# Pre-Learning Videos

Before attending class, students must watch the following three video sets:

## **Video Set 1: BSS Audio Soundweb London Hardware Overview**

<https://www.youtube.com/playlist?list=PLVhyBx-dqi2c5Ba7p8SCmEwR2rpQj--M0>

Narrator: Kevin Brown, Product Specialist at BSS Audio

Total runtime: 68 minutes

## **Video Set 2: Crown DCi Hardware Overview**

<https://www.youtube.com/playlist?list=PLXluxHJuSDFxnJZT7QT1yKFhuiiecOD4D>

Narrator: Tom Lureman, Marketing Lead at Crown

Total runtime: 43 minutes

## **Video Set 3: Audio Architect Training**

(Part 1) <https://www.youtube.com/playlist?list=PLkuf9-D42JyJnBbT14AugRv0TGYnFfYB4>

(Part 2) <https://www.youtube.com/playlist?list=PLkuf9-D42JyJz0qMmqegKtJTDXtRp2400>

Narrator: Emilian Wojtowycz, Product Application Specialist at HARMAN Professional Group

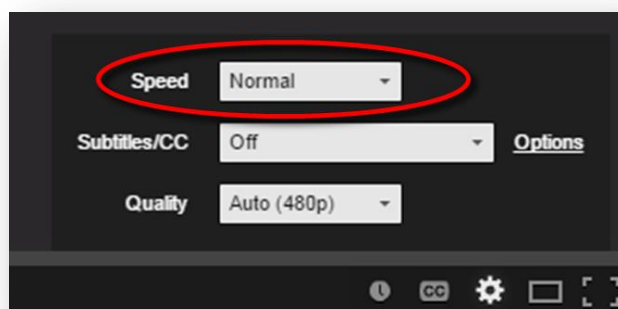
Total runtime: 62 minutes

It is recommended to watch the videos in the order listed above (video set 1, then 2, then 3).

Students will not be tested on their mastery of these materials before class. Instead, their mastery will be assumed upon arrival. The class will immediately build upon this assumed knowledge, without review. Therefore, any student who does not first master this material will experience extreme frustration throughout class. Additionally, he/she will likely fail the exam at the conclusion of class, preventing certification. We cannot overstate this point:

**students must carefully study and master the material presented in these videos before attending class.**

TIP: Are the videos moving too quickly (or too slowly) for you? No problem. Try using the “speed” feature within the YouTube video player:



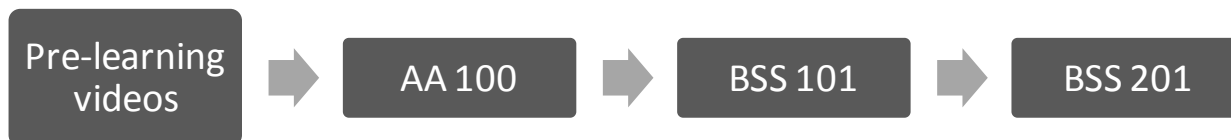
## Live Training Events

After completing the pre-learning videos, students are ready to attend class. Classes are taught in-person, by a certified instructor. There are currently three classes on offer from BSS Audio and the HiQnet Audio Architect team:

“**HiQnet Audio Architect Introductory**” (Course Code: **AA 100**)

“**BSS Audio Soundweb London 101**” (Course Code: **BSS 101**)

“**BSS Audio Soundweb London 201**” (Course Code: **BSS 201**)



The above diagram indicates the prerequisite structure. Pre-learning videos are a prerequisite for AA 100, which is a prerequisite for BSS 101, which is a prerequisite for BSS 201. The three classes are often run back-to-back to form a complete training event which is **3 days** in length.

AA 100 is 1.5 days

BSS 101 is 0.5 days

BSS 201 is 1.0 days

Therefore, a 3-day event would be structured as follows:

Day 1	Day 2	Day 3
AA 100	BSS 101	BSS 201

If necessary, students are allowed to attend each course independently over time (e.g. attend AA 100, and then attend BSS 101 a few months later, and then attend BSS 201 a few months later). However, students are **strongly encouraged** to attend all 3 days back-to-back; this will facilitate the most coherent and effective learning experience.

# Course Syllabus

<b>Course Title:</b>	<b>HiQnet Audio Architect Introductory</b>
<b>Course Code:</b>	<b>AA 100</b>
<b>Prerequisites:</b>	Pre-learning videos (see page 2)
<b>Duration:</b>	1.5 days
<b>Description:</b>	<p>Audio Architect is a software application used to configure, control, and monitor hardware devices from several HARMAN brands, including AKG, BSS, Crown, dbx, and JBL. While BSS and Crown devices are primarily used during class as a basis for examples, this course covers Audio Architect concepts common to products from all HARMAN brands within Audio Architect. Deeper, brand-specific training is provided in subsequent courses.</p> <p>NOTE: this course was previously titled "Architectural Media Systems Introductory." Students who have attended "Architectural Media Systems Introductory" in the past are considered graduates of this course, and there is no need for those students to attend this course.</p>
<b>Curriculum:</b>	<ul style="list-style-type: none"><li>• Audio Architect vs. other applications</li><li>• Audio Transports</li><li>• Window management tips &amp; tricks</li><li>• Save to Device Network</li><li>• Protection against data loss</li><li>• Custom panel design</li><li>• Panel Presets</li><li>• Access Control (i.e. security)</li><li>• iOS Control via HiQnet Motion Control</li><li>• Firmware</li><li>• Scheduler</li><li>• Event Log</li><li>• Logic Rules Wizard</li><li>• Email Triggering</li><li>• Third-Party Controller tool</li><li>• BLU-8v2 and Contrio EC programming</li></ul>
<b>Accreditation:</b>	7.0 InfoComm CTS Renewal Units (General, D, I). Awarded after passing AA 100 Exam
<b>Exam:</b>	The AA 100 Exam is administered in person towards the end of class
<b>Required Materials:</b>	Please contact event organizer
<b>Location:</b>	Please contact event organizer
<b>Course Fee:</b>	Please contact event organizer
<b>Lodging Fee:</b>	Please contact event organizer
<b>Meal Fee:</b>	Please contact event organizer
<b>Start Time / End Time:</b>	Please contact event organizer
<b>Instructor:</b>	Please contact event organizer

# Course Syllabus

<b>Course Title:</b>	<b>BSS Audio Soundweb London 101</b>
<b>Course Code:</b>	<b>BSS 101</b>
<b>Prerequisites:</b>	AA 100 (see page 4)
<b>Duration:</b>	0.5 days
<b>Description:</b>	<p>This course covers <i>basic to intermediate</i> programming concepts for Soundweb London within Audio Architect. Soundweb London is an award-winning product line of digital signal processors designed and manufactured by BSS Audio.</p> <p>NOTE: this course was previously titled "Architectural Media Systems Intermediate DSP." Students who have attended "Architectural Media Systems Intermediate DSP" in the past are considered graduates of this course, and there is no need for those students to attend this course.</p>
<b>Curriculum:</b>	<ul style="list-style-type: none"><li>• Virtual-wiring tips and tricks</li><li>• Signal Name Follow-Through</li><li>• Dynamic meters</li><li>• Processing Object tour</li><li>• BLU link programming</li><li>• CobraNet programming</li><li>• Dante programming</li></ul>
<b>Accreditation:</b>	4.0 InfoComm CTS Renewal Units (General, D, I). Awarded after passing BSS 101 Exam
<b>Exam:</b>	The BSS 101 Exam is administered in person towards the end of class
<b>Required Materials:</b>	Please contact event organizer
<b>Location:</b>	Please contact event organizer
<b>Course Fee:</b>	Please contact event organizer
<b>Lodging Fee:</b>	Please contact event organizer
<b>Meal Fee:</b>	Please contact event organizer
<b>Start Time / End Time:</b>	Please contact event organizer
<b>Instructor:</b>	Please contact event organizer

# Course Syllabus

<b>Course Title:</b>	<b>BSS Audio Soundweb London 201</b>
<b>Course Code:</b>	<b>BSS 201</b>
<b>Prerequisites:</b>	BSS 101 (see page 5)
<b>Duration:</b>	1.0 day
<b>Description:</b>	<p>This course covers <i>advanced</i> programming concepts for Soundweb London within Audio Architect. Soundweb London is an award-winning product line of digital signal processors designed and manufactured by BSS Audio.</p> <p>NOTE: this course was previously titled "Architectural Media Systems Advanced DSP." Students who have attended "Architectural Media Systems Advanced DSP" in the past are considered graduates of this course, and there is no need for those students to attend this course.</p>
<b>Curriculum:</b>	<ul style="list-style-type: none"><li>• GPIO programming</li><li>• Soundweb London Presets</li><li>• Linking</li><li>• Subranging</li><li>• Conditional Logic</li><li>• Automixers</li><li>• AEC (Acoustic Echo Cancellation)</li><li>• ANC (Ambient Noise Compensation)</li><li>• Room Combine</li></ul>
<b>Accreditation:</b>	4.0 InfoComm CTS Renewal Units (General, D, I). Awarded after passing BSS 201 Exam
<b>Exam:</b>	The BSS 201 Exam is administered in person towards the end of class
<b>Required Materials:</b>	Please contact event organizer
<b>Location:</b>	Please contact event organizer
<b>Course Fee:</b>	Please contact event organizer
<b>Lodging Fee:</b>	Please contact event organizer
<b>Meal Fee:</b>	Please contact event organizer
<b>Start Time / End Time:</b>	Please contact event organizer
<b>Instructor:</b>	Please contact event organizer

## FAQ For BSS Audio Soundweb London Users

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**Q:** I have already attended BSS Audio training courses, titled “Soundweb London Level 1” and “Soundweb London Level 2.” Those courses were based on the software application London Architect, not Audio Architect. Should I attend the new Audio Architect-based courses?

**A:** Yes. You should attend BSS 101 (and ideally BSS 201 as well) to learn about Soundweb London within Audio Architect. While London Architect and Audio Architect are similar in many ways, they’re different enough to justify your time investment into BSS 101 and BSS 201. Audio Architect also allows Soundweb London hardware to do things that London Architect did not allow. Attending BSS 101 and BSS 201 will keep current your Soundweb London knowledge and certifications.

**Q:** I passed the exams for the London Architect-based courses “Soundweb London Level 1” and “Soundweb London Level 2.” Do I automatically get certificates for BSS 101 and BSS 201?

**A:** No. You must attend BSS 101 and BSS 201 and pass their respective exams to receive certification for those courses.

**Q:** I’m mostly interested in learning about BSS Audio products. Can I skip AA 100 and only attend BSS 101 and BSS 201?

**A:** No. Students must attend AA 100 at some point prior to attending BSS 101 and BSS 201. Otherwise you’ll be lost and frustrated during BSS 101 and BSS 201. AA 100 covers many critical concepts, several of which pertain directly to BSS Audio products.

**Q:** Is London Architect programming covered in BSS 101 and BSS 201?

**A:** No. Only Audio Architect.

**Q:** Are the exams difficult?

**A:** If you carefully watch the pre-learning videos and then pay close attention during class, then the exams are not difficult. Otherwise, they are extremely difficult.