

Thank you for booking CAVD's comprehensive and unique audio calibration service. Our calibration seeks to meet the client's requirements as well as meeting the industry standards of how it should sound or measure. Every room, system and client is different so we tailor the audio to their satisfaction.

DEALER

If the dealer can ask the client the following questions and get back to CAVD, it will help to improve their home cinema experience.

- Will the room be mainly enjoyed by the whole family or just one person?
- Which seats will be mainly used?
- Will the system be normally enjoyed at a loud, medium or low volume levels?
- Which video source will be used the most in the cinema room?
- Does the customer enjoy a LOT of bass!?

If the dealer can carry out the following basic audio system checks on site a week prior to calibration and solve any issues that arise it will benefit the final day of commissioning.

- Check that WiFi on the AV network, with internet will be available for calibration
- Check that all furniture, carpet and curtains are in their final positions
- Check that video sources are set to Bitstream audio output so that the audio processor shows Dolby, DTS etc when playing a surround sound channel or disc
- Check all speakers and subs are connected to the correct outputs
 Note: You can use the test tones in the AVR
- Check the speakers are connected with the correct polarity
 Note: Use a Galaxy Audio Cricket test kit connected to the AVR
- Check the room/installation for abnormal vibrations and speaker faults
 Note: Use a laptop playing loud tones from <http://www.szynalski.com/tone-generator/> connected to the AVR and set to Stereo Surround, test each speaker

CAVD CALIBRATION

- Update AVR firm/software, set and note IP address
- Set signal and bass routing and channel naming in the AVR
- Set system gains and channel output levels and delays to reference at key listening position
- Run listening tests with music, speech and movie clips and adjust pre-EQs if necessary
- Run Dirac process
- Re-set channel output levels to reference at key listening position
- Run listening tests with music, speech and movie clips
- Set Decoder modes for non native surround sources and test
- Set global lip-sync delay
- Test control with programmer
- Save configuration to USB and email to dealer, save to CAVD Dropbox