



STORMAUDIO CALIBRATION

The most exquisite finishing touch for your client's StormAudio-powered home theater installation is a proper calibration by Performance Media Industries! There are multiple advantages to commissioning a PMI calibration:

- StormAudio's flexibility and intricacy support PMI's methodical and exacting calibration approach to bringing out focus and envelopment in immersive systems.
- Calibration is a challenging and sometimes lengthy process where our 30 years of experience tuning over 800 systems truly counts
- PMI's process includes measurable metrics to ensure that each system achieves the performance standards defined by industry-leading organizations such as Dolby, SMPTE, and THX.
- Our 90-step calibration process leaves no stone unturned
- We check all of the interconnection and configurations that introduce a multitude of potential failure points in complex 21-channel immersive audio systems
- No need to expend your company's own resources of time and manpower to learn and perform the complex calibration process
- Proper calibration can even transform rooms with significant acoustical challenges into transcendent aural experiences
- The quality of the resulting experience will be unparalleled, which translates directly to higher customer satisfaction
- Realize more revenue from repeat business and referrals

A PMI-calibrated home theater ensures happy clients, and happy clients are profitable clients. Plus, your clients feel special because you've engaged audio industry luminaries to bring out the best audio possible in their systems!

Retail price: \$ 5,500

PMI Calibration Phases :

- *Configure all component functions for their intended use in the system*
- *Test and qualify that all products work properly*
- *Verify that all interconnections are done correctly*
- *Debug hum, noise, gain structure, and distortion issues*
- *Measure and verify the room acoustical character - including reflection decay times, diffractions, rattles, sound isolation, and noise floor*
- *Equalize the amplitude, phase, level, and time synchronization of all speakers in the room. Conduct electro-acoustic measurements using impulse response and steady state measurements, along with multi-microphone spatial and temporal averaging.*
- *Tune the voicing of the system through listening tests using known reference program material for 2-channel, multichannel, and immersive music and film.*
- *Produce a complete report with all the steps, data, charts, and action items (typically 40 pages)*



PMI Engineering Services

When you buy the best product, you are entitled to the best performance. StormAudio's ISP processors provide the highest level of immersive audio experience available for home theaters. Systems powered by StormAudio processors deserve to be in properly engineered and designed rooms, because the room is the final link between the sound system and the listener. Let PMI take on this critical acoustical engineering task, and make your project a total success! PMI will use its extensive experience gathered from 800 projects over 20 years to ensure that your customers get the best possible return on their investment. It will free you from expending your own time and resources making all the design decisions yourself, while realizing more revenue through increased commissions and happier customers.

PMI offers StormAudio dealers and customers three levels of engineering and design services:

Level 1 – Home Cinema Internal Acoustic Design

- Create an original 3D CAD model with engineered room ergonomic layout, sight lines, placement of seats/screen/speakers, and acoustical treatments
- 3 hours construction support
- One 2 hour site visit
- 44 hours total
- Approximately 20 page plan set

Retail price: \$ 8,900

Level 2 – Home Cinema Acoustical and Isolation Design

- Level 1 plus additional engineering of all sound isolation structures and noise control with CAD Model showing wall/ceiling/floor construction details, junction details, and HVAC plan
- 5 hours construction support
- One 2 hour site visit
- 110 hours total
- Approximately 35 page plan set

Retail price: \$ 22,000

Level 3 – Full Home Cinema Audio and Video Design

- Level 2 plus design of the projection system, hush box, optical conditions, interior design, and support for equipment selection
- 8 hours construction support
- One 2 hour site visit
- 160 hours total
- Approximately 45 page plan set

Retail price: \$ 37,000