

# 5.1 Audio Toolkit

## **Title 5**

**PMI, Ltd. Information**



**Chapter 1: Introduction**

**Chapter 2: Design Services**

**Chapter 3: Technology Brokerage**

**Chapter 4: Technology Training**

**Chapter 5: Distribution**

**Chapter 6: Products**

**Chapter 7: Special Projects**

<http://www.pmild.com/>

# Title 5

## PMI Information

### About PMI



5.1 channel audio/video system design  
Technology brokerage, patenting, and licensing  
Multichannel audio product sales and manufacturing  
Technology Training

Performance Media Industries, Ltd. is a full service consulting firm specializing in development, brokerage and, distribution of media technologies.

PMI's broad range of services (The PMI organization includes 6 departments (functions)):

- **Design Services:** Multichannel audio/video system design and calibration for Home Theatres and Studios.
- **Technology Brokerage:** Intellectual Property management; Patent development; Licensing strategy
- **Technology Training:** Impactful training programs for retailers, technicians and industry professionals.
- **Distribution:** Audio/Video production and calibration tools
- **Products:** Multichannel audio product development for production applications
- **Special Projects:** Audio/Video Production, Market research, Prototyping

The members of PMI have contributed to the achievements of illustrious organizations such as Lucasfilm THX, Dolby Laboratories, Pack Associates, and Summit Audio.

<http://www.pmiltld.com/>

# **Title 5**

## **PMI Information**

### **Chapter 2: Design Services**

#### **Premium quality A/V system designs**

Performance Media Industries Design Services specialize in multichannel audio/video system design for production, broadcast, recording, and high-end Home Theatre applications. PMI can help with room retrofitting for 5.1 channel sound or can provide complete design, installation and calibration services.

The staff of PMI has over 15 years experience in the audio, video and entertainment industries and will serve all your technical needs with unsurpassed attention to detail and quality

For design services PMI delivers a report to be used by architects, interior designers, and A/V installers. The report contains results of exhaustive acoustical modeling and analysis, coupled with recommendations issued from years of experience in multichannel audio/video system design

A complete design will incorporate the following items:

- Room dimension modeling for evenness of low frequency sounds
- Wall construction for sonic isolation
- Seating layout
- Room acoustic materials and placement for treatment of sound reflections and echoes
- Background noise control guidelines for full dynamics
- Visual environment characteristics for best display performance
- Equipment specifications
- Loudspeaker placement
- Special recommendations

A design project starts with a site inspection and project scope document. Regular communication with the client during the design phase ensures that results meet expectations. After delivery of the report, engineering and construction support is available. Final installation inspection and system calibration services are also available.

<http://www.pmild.com/>

# **Title 5**

## **PMI Information**

### **Chapter 3: Technology Brokerage**

#### **Get all the value from your Intellectual Property**

Performance Media Industries' Technology Brokerage™ department consults on intellectual property management and licensing, business strategy, and technology development for many industry applications.

PMI's role is to provide technology clients with strategic direction and links to customers.

Brokerage services include

- Technology development
- Market valuation of technology
- Patent mapping
- Patent development and application
- Contract negotiation
- Prototyping
- Marketing Strategy
- PR strategy
- Trademark strategy

<http://www.pmiltd.com/>

# **Title 5**

## **PMI Information**

### **Chapter 4: Technology Training**

#### **Tell the world your technology story**

Performance Media Industries' Training department can produce and deliver complete training programs to help tell the right story about your products and technologies. We have years of experience in training retailers, technicians, and management personnel on complex technical issues.

PMI conducts on-location presentations as well as Online training systems to best suit your needs.

Common training topics include: Cutting Edge A/V Technologies; Home Theatre Design and Calibration; Acoustics; Public Speaking; Multichannel Sound Production, etc.

We can create new programs for any technical need.

Training services are aimed at:

- Retail counselors
- Technicians
- A/V System designers
- A/V production staff
- Executives

<http://www.pmiltd.com/>

# Title 5

## PMI Information

### Chapter 5: Distribution

PMI, Ltd. distributes audio production and calibration equipment from several sources. Products include acoustic analyzers, test equipment, multichannel Bass Management devices, audiometric-grade transducers, etc. We emphasize value and provide guideline information on the use of the tools we sell.

Some of the products we offer are:

- Gold Line Test Equipment – Full line of audio test sets, signal generators, sound level meters, RTA and TEF analyzers, test microphones, etc.  
High Value, easy to use equipment for the serious sound technician.
- THX CC4 – 5.1 channel Bass Management and Monitoring Controller for Studios.
- Etymotic reference quality earphones and hearing protection devices
- PMI Soloist – 5.1 channel monitoring solo channel selector
- PMI LFE Autogenerator – Automated LFE channel signal derivation system.  
Monitors the 5.1 channel mix and routes overflow bass signals to the LFE track to take advantage of its headroom capabilities.

<http://www.pmiltd.com/>

# Title 5

## PMI Information

### Chapter 6: Products

Performance Media Industries' Product group develops application-specific devices for multichannel sound production. These products respond to very specialized needs and are built to high quality standards. Custom version are available upon request.

- PMI Soloist – 5.1 channel monitoring solo channel selector
- PMI LFE Autogenerator – Automated LFE channel signal derivation system. Monitors the 5.1 channel mix and routes overflow bass signals to the LFE track to take advantage of its headroom capabilities.
- Specialized Test CDs and DVDs

<http://www.pmiltd.com/>

### **Chapter 7: Special Projects**

Performance Media Industries' Special Projects group can service any engineering or production need. Some of the areas we commonly handle are:

- Engineering Development
- Electronic Prototyping
- Market Research
- DVD production
- Audio recording and production
- Video production and editing

<http://www.pmiltd.com/>