



# Audio Engineering Society Standards Committee

## Notice and DRAFT agenda for the meeting of the SC-05-05 Working Group on grounding and emc practices of the SC-05 Subcommittee on Interconnections

To be held in conjunction with the upcoming AES 151st Convention.  
The meeting is scheduled to take place online, 2021-10.  
Please check the latest schedule at: <http://www.aes.org/standards/>

### 1. Formal notice on patent policy

### 2. Introduction to working group and attendees

### 3. Amendments to and approval of agenda

*Note that projects where there is no current proposal for revision or amendment, and where there is at least 12 months before any formal review is due, are listed in an annex to this agenda. Please let the chair know if you propose to discuss any projects in this annex.*

### 4. Approval of report of previous meeting, held online, 2021-05.

### 5. Open Projects

*NOTE: One or more of these projects may be in the process of a formal Call for Comment (CFC), as indicated by the project status. In these cases only, due process requires that any comments be published.*

#### AES-X152 Signal levels and impedances of analog audio interfaces

SC-05-05

*scope: To develop a standard for signal levels and circuit impedances of audio system components and for the specification of these quantities in product data sheets [balanced, unbalanced]*

*status: Group holding periodic online meetings, active email reflector*

<i>intent: Standard</i>	<i>initiated: 2005</i>	<i>intent target: 2021</i>
<i>goal: Working draft</i>		<i>goal target: 2021-10</i>

#### AES-X249 AES standard on interconnections - Grounding and EMC practices - Shields of 25-way D-type connectors in balanced circuits

SC-05-05

*scope: This standard specifies requirements for, and summarizes general considerations relative to, the shielding of 25-way D-type connectors in balanced audio applications, taking into account measures commonly necessary for the preservation of electromagnetic compatibility (EMC) at both audio and radio frequencies. This standard does not address issues of safety.*

*status: Group meetings scheduled for December and March*

<i>intent: Standard</i>	<i>initiated: 2019</i>	<i>intent target: 2021</i>
<i>goal: Draft</i>		<i>goal target: 2021</i>

### 6. Liaisons

### 7. New Projects

### 8. New Business

### 9. Date of next meeting

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• These meetings are subject to the rules of the AESSC, including the AES patent policy, published on the AES standards web site.  
• Please make sure you sign the attendance sheet that will be circulated. This sheet shall be passed to the secretariat after the meeting and will be used to update the membership information for this group.  
• Please make sure that any documents contributed to the meeting are passed to the secretariat who will ensure they are posted to the appropriate Working Group document site.

## Annex to the agenda

The following projects assigned to this group have  
no current proposal for revision or amendment,  
and no formal review is due to report in less than 12 months.

Please let the chair know if you propose to discuss any projects in this annex.

**AES48-R Review of AES48-2019: AES standard on interconnections - Grounding and EMC practices - Shields of connectors in audio equipment containing active circuitry** SC-05-05

*scope: This standard specifies requirements for the connections of the designated shield contact of connectors built into audio equipment using active circuitry. These requirements are necessary for the preservation of electromagnetic compatibility (EMC) at both audio and radio frequencies.*

*status: AES48-2019 published*

<i>intent: Standard</i>	<i>initiated: 2018</i>	<i>intent target: 2024</i>
<i>goal: ongoing review</i>		<i>goal target: 2024</i>

**AES54-1-R Review of AES54-1-2008 (r2019): AES standard on interconnections - Grounding and EMC practices - Connection of cable shields within connectors attached to portable balanced audio cables** SC-05-05

*scope: This standard specifies requirements for, and summarizes general considerations relative to, the connection of cable shields within connectors attached to portable balanced cables for the transmission of audio, taking into account measures commonly necessary for the preservation of electromagnetic compatibility (EMC) at both audio and radio frequencies. This standard shall apply to all portable cables not integral to equipment. This standard does not apply to fixed connector panels, portable connector panels, jack fields (patch bays), nor to microphone splitters. This standard does not address issues of safety.*

*status: Reaffirmed*

<i>intent: Review</i>	<i>initiated: 2013</i>	<i>intent target: 2024</i>
<i>goal: none</i>		<i>goal target: Continuing</i>

**AES54-2-R Review of AES54-2-2008 (r2019): AES standard on interconnections - Grounding and EMC practices - Shields of balanced audio wiring within fixed and portable passive connector panels, jack fields, and passive microphone splitters** SC-05-05

*scope: This standard specifies requirements for, and summarizes general considerations relative to, the shielding of balanced audio interconnections within fixed and portable connector panels, jack fields (patch bays) and within passive microphone splitters, taking into account measures commonly necessary for the preservation of electromagnetic compatibility (EMC) at both audio and radio frequencies. Active splitters are not covered by this standard. This standard does not address issues of safety.*

*status: Reaffirmed*

<i>intent: Review</i>	<i>initiated: 2013</i>	<i>intent target: 2024</i>
<i>goal: none</i>		<i>goal target: Continuing</i>

**AES54-3-R Review of AES54-3-2008 (r2019): AES standard on interconnections - Grounding and EMC practices - Shields of balanced microphone-level outputs of active equipment other than microphones** SC-05-05

*scope: This standard specifies requirements for, and summarizes general considerations relative to, the shielding of balanced microphone-level outputs of audio equipment, taking into account measures commonly necessary for the preservation of electromagnetic compatibility (EMC) at both audio and radio frequencies. Wired microphones, including capacitor microphones, are not covered by this standard, and shall conform to AES48. This standard does not address issues of safety.*

*status:* **Reaffirmed**

<i>intent:</i> Review	<i>initiated:</i> 2013	<i>intent target:</i> 2024
<i>goal:</i> none		<i>goal target:</i> Continuing

## End of annex to agenda

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