



# Audio Engineering Society Standards Committee

## Notice and DRAFT agenda for the meeting of the SC-05-02 Working Group on audio connectors of the SC-05 Subcommittee on Interconnections

To be held in conjunction with the upcoming AES 149th Convention.  
The meeting is scheduled to take place online, 2020-10.  
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, 2020-05.

### 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.*

#### **AES68-R Review of AES68-2014 (r2019): AES standard for audio connectors - XL Connectors to Improve Electromagnetic Compatibility**

SC-05-02

*scope: This document specifies an improved shell-to-shell connection with regard to EMC by means of a circumferential contact established by the female XLR type connector.*

*status: Reaffirmed version published*

<i>intent: Review</i>	<i>initiated: 2014-11-17</i>	<i>intent 2024 target:</i>
<i>goal: Status report</i>		<i>goal target: Continuing</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.

**AES59-R Review of AES59-2012 (r2018), Audio application of 25-way D-type connectors in balanced circuits** SC-05-02

*scope: To recommended a contact assignment and gender for 25-way D-type connectors used to connect multiple audio signals in balanced analogue or AES3 digital form. Excludes consideration of connector and cable types for specific applications.*

*status: Add reference to AES48 for grounding and EMI*

<i>intent: Review</i>	<i>initiated: 2012-08</i>	<i>intent target: 2023</i>
<i>goal: Review</i>		<i>goal target: 2020</i>

**AES62-R Review of AES62-2011 (r2017), AES standard for interconnections - Modified XLR-3 Connector for Digital Audio** SC-05-02

*scope: This standard specifies variants of the XLR connector family to be used for professional audio applications that include AES3 digital audio interfaces. These variants are based upon the existing 3-pole XLR-type connector. Additional mechanical properties and dimensions relating to keying characteristics are specified in order to allow proper mating of connectors that are intended to be intermateable and prevent mating of connectors that are not intended to be intermateable. Test methods to confirm the correct function of the keying are indicated. Additional means supporting identification of different connector types are under consideration. The document does not include any electrical requirements.*

*status: AES62-2011 reaffirmed 2017*

<i>intent: Review</i>	<i>initiated: 2017</i>	<i>intent target: 2022</i>
<i>goal: Status report</i>		<i>goal target: Continuing</i>

**AES63-R Review of AES63-2012 (r2018), AES standard for interconnections - Data connector in an XLR connector shell** SC-05-02

*scope: to specify a ruggedized data connector that is compatible with 8-way modular connectors, also called RJ-45 connectors. Basic physical properties and mechanical dimensions are specified in order to enable proper mating and locking and to ensure reliable electrical contact in the locked position. No further requirements are specified with respect to electrical and other mechanical properties.*

*status: Reaffirmed version published*

<i>intent: Review</i>	<i>initiated: 2012-08-03</i>	<i>intent target: 2023</i>
<i>goal: Review</i>		<i>goal target: Ongoing</i>

**AES65-R Review of AES65-2012 (r2018): AES standard for interconnections - Connector for surround microphones** SC-05-02

*scope: to establish a standard for the connector type and contact assignment for microphones having four or more balanced analog output channels, as used in surround sound applications. It will include specifications for marking and identification for the audio channels. It will include recommendations for cable type and detailed wiring.*

*status:* **Reaffirmed version published**

<i>intent:</i> Review	<i>initiated:</i> 2012	<i>intent target:</i> 2023
<i>goal:</i> Review		<i>goal target:</i> Ongoing

**AES66-R Review of AES66-2012 (r2018): AES standard for professional audio equipment - Application of connectors - Miniature XLR-type polarity and gender**

SC-05-02

*scope: This standard shall apply to three-pin and five-pin circular connectors, generically known as miniature XLR-type, used for the connection of balanced audio signals between sound system components for professional audio and similar applications, regardless of function, type, or level of the signal. It specifies the application and polarity of signals for these connectors. This standard does not pertain to the dimensions of the connectors and does not consider safety issues arising from usage.*

*status:* **Reaffirmed version published**

<i>intent:</i> Review	<i>initiated:</i> 2012	<i>intent target:</i> 2023
<i>goal:</i> Review		<i>goal target:</i> Ongoing

**AES72-R Application of RJ45-type connectors to professional audio**

SC-05-02

*scope: This standard documents 8P8C (RJ45) pin-outs commonly used in analog and digital professional audio applications, including channel/link order, signal polarity and phantom power compatibility. Conformance with this standard will identify mutually compatible devices, enabling users to avoid problems when employing equipment from multiple manufacturers.*

*status:* **AES72-2019 published**

<i>intent:</i> Standard	<i>initiated:</i> 2019	<i>intent target:</i> 2024
<i>goal:</i> Maintenance		<i>goal target:</i> 2023

## End of annex to agenda

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