



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 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.

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

scope: To recommend 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 (SC-05-05) for grounding and EMI

intent: Review	initiated: 2012-08	intent target: 2023
goal: Review		goal target: 2020

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

intent: Review	initiated: 2017	intent target: 2022
goal: Status report		goal target: Continuing

• 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.

6. Liaisons

7. New Projects

8. New Business

9. Date of next meeting

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.

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

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

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**

intent: Review

initiated: 2014-11-17

intent 2024

target:

goal: Status report

goal target: Continuing

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: Ongoing need to publicize the standards existence

intent: Standard

initiated: 2019

intent target: 2024

goal: Maintenance

goal target: 2023

End of annex to agenda
