



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 139th Convention in New York, NY., US., 2015-10.
The meeting is scheduled to take place at the Jacob Javits Center, New York.
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 in Warsaw, Poland, 2015-05.

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.

AES65-R Review of AES65-2012: 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: No action requested or required.

<i>intent: Review</i>	<i>initiated: 2012</i>	<i>intent target: 2017</i>
<i>goal: Status report</i>		<i>goal target: Continuing</i>

AES-14id-R Review of AES-14id-2010: AES Information document for interconnections - Universal jack for IEC 60603-11 and B-gauge 6,35 mm plugs

SC-05-02

scope: This AES Information document discusses mechanical compatibility issues between 6,35 mm (quarter-inch) jack connectors with various profiles, including those defined given in IEC60603-11 and 'B-gauge' plugs. It recommends key jack dimensions for optimum compatibility with a range of "quarter-inch", or 6.35 mm, TRS plug types.

status: AES-14id-2010-r2015 published in a new printing. Stabilization expected to follow

<i>intent: Stabilization</i>	<i>initiated: 2015</i>	<i>intent target: 2016</i>
<i>goal: Stabilization</i>		<i>goal target: 2016</i>

AES-X222 New audio data connector

SC-05-02

scope: To specify basic dimensions and application details for two- and four-contact circular connectors including a circumferential shield, used for balanced interconnections of sound system components for professional audio, commercial, recording, broadcast and similar applications, carrying either analog or digital signals.

• 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.

status: **Initial draft needs to be completed before it can proceed.**

<i>intent:</i> Standard	<i>initiated:</i> 2013-10-17	<i>intent target:</i> 2014
<i>goal:</i> PTD		<i>goal target:</i> 2014-01

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.

AES26-R Review of AES26-2001 (r.2011): AES recommended practice for professional audio - Conservation of the polarity of audio signals SC-05-02

scope: This standard provides a means to ensure that correct polarity is maintained throughout an audio production chain by determining the polarity of the signals at the various interface points between different items of equipment, in particular at the acoustical, electrical, mechanical, digital, and magnetic ports. The standard intends that each item of equipment comply separately with the polarity requirements for the input and output signals.

status: No action requested or required

<i>intent: Review</i>	<i>initiated: 2011</i>	<i>intent target: 2016</i>
<i>goal: Status report</i>		<i>goal target: Continuing</i>

AES45-R Review of AES45-2001 (r.2011): AES standard for single programme connectors - Connectors for loudspeaker-level patch panels SC-05-02

scope: This AES standard complements IEC 60268-12 including amendments 1 and 2, extending the standardization of application of AES45-series connectors to their use for loudspeaker-level patch panels.

status: No action requested or required

<i>intent: Review</i>	<i>initiated: 2011</i>	<i>intent target: 2016</i>
<i>goal: Status report</i>		<i>goal target: Continuing</i>

AES59-R Review of AES59-2012, 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: No action requested or required

<i>intent: Review</i>	<i>initiated: 2012-08</i>	<i>intent target: 2017</i>
<i>goal: Status report</i>		<i>goal target: Continuing</i>

AES62-R Review of AES62-2011, 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: **No action requested or required**

<i>intent:</i> Review	<i>initiated:</i> 2011	<i>intent target:</i> 2016
<i>goal:</i> Status report		<i>goal target:</i> Continuing

AES63-R Review of AES63-2012, 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: **No action requested or required**

<i>intent:</i> Review	<i>initiated:</i> 2012-08-03	<i>intent target:</i> 2017
<i>goal:</i> Status report		<i>goal target:</i> continuing

AES66-R Review of AES66-2012: 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: **No action requested or required.**

<i>intent:</i> Review	<i>initiated:</i> 2012	<i>intent target:</i> 2017
<i>goal:</i> Status report		<i>goal target:</i> Continuing

AES68-R Review of AES68-2014 - 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: **AES68-2014 published 2014-11-17, No action requested or required**

<i>intent:</i> Review	<i>initiated:</i> 2014-11-17	<i>intent target:</i> 2019
<i>goal:</i> Status report		<i>goal target:</i> Continuing

End of annex to agenda
