

# ANSI/CEA Standard

## Multi-Room Audio Cabling Standard

### ANSI/CEA/CEDIA-2030-A

February 2011



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(Formulated under the cognizance of the CEA's **R10 Residential Systems Committee**.)

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## **FOREWORD**

This standard was developed by the Consumer Electronics Association/Custom Electronics Design & Installation Association R10 Residential Systems Committee.

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## Multi-Room Audio Cabling Standard

### 1 SCOPE

This standard defines cabling and connectors for use in distributing analog and digital audio signals throughout a home. This multi-room audio standard covers stereo content (either summed or two channels) only.

### 2 REFERENCES

#### 2.1 Normative References

The following references contain provisions that, through reference in this text, constitute normative provisions of this standard. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below.

##### 2.1.1 Normative Reference List

AIA A-201-1997 General Conditions of the Contract for Construction

ANSI/TIA/568-C, Generic Telecommunications Cabling for Customer Premises, February, 2009.

ANSI/TIA/EIA-568-C-2, Balanced Twisted-Pair Telecommunications Cabling and Components Standards (See Addendum 1 For category 6 Performance Specs), August 2009.

ANSI/CEA-863-A, Connection Color Codes for Home Theater Systems, March, 2005.

IEC 60603-7, Connectors for Electronic Equipment – Part 7: Detail Specification Unshielded, Free and Fixed Connectors, July 2008.

ANSI/NFPA-70, National Electrical Code<sup>®</sup>, August 2008.

ANSI/TIA-570-B, Residential Telecommunications Infrastructure Standard, January 2009.

ANSI/TIA/EIA-606-A Administration Standard for Commercial Telecommunications Infrastructure May 2002

ANSI/TIA-968-A, Telecommunications Telephone Terminal Equipment Technical Requirements for Connection of Terminal Equipment to the Telephone Network, August 2007

AES-48 AES Standard on Interconnections – Grounding and EMC Practices – Shields of Connectors in Audio Equipment Containing Active Circuitry May 2005

EIA/ECA 310-E Cabinets, Racks, Panels, and Associated Equipment, December 2005

ANSI-ASHRAE 55 - Thermal Environmental Conditions for Human Occupancy, 2004

UL 1678 – Household, Commercial, and Professional Use Carts and Stands for Use with Audio/Video Equipment, December 2001

ANSI/TIA/EIA-569-A: Commercial Building Standard for Telecommunications Pathways and Spaces, December 2007