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# **AUDIO/VIDEO REMOTE CONTROL PROFILE**

### **Abstract**

This profile defines the requirements for *Bluetooth®* devices necessary for the support of the Audio/Video Remote Control usage case. The requirements are expressed in terms of enduser services, and by defining the features and procedures that are required for interoperability between Bluetooth devices in the Audio/Video Remote Control usage case.



Samsung v. GUI IPR2021-00337 Exhibit 1029

# **Revision History**

Revision	Date	Comments
0.5	April 2001	Release to Associates
0.7	June, 2001	Release to Associates
0.9	September, 2001	Release to Associates and Early Adopters
Voting Draft 0.95	October, 2001	Release to Associates and Early Adopters
Voting Draft 0.95 a	February 11, 2002	Release to Associates and Early Adopters, small clarifications based on IOP and feedback.
0.95b	March 2002	Adopted 0.95
Voting Draft 1.00	May 2002	Release for Voting Draft
Voting Draft 1.00 a	February 2003	Release for Voting Draft
Version 1.0	May 2003	Title and header changed
Version 1.1 RC1	August 2003	Updated to support and use Bluetooth Core 1.2
Version 1.1 RC2	August 2003	Chapter 2.4 identifies useful services in BT 1.2
Version 1.1 RC3	October 2003	Contributor list updated
Version 1.1 RC4	October 2003	AV/C reference updated
D13r00	15 Aug 2005	Updated for core release v1.2 or later
D13r01	18 April 2006	Updated with Metadata Transfer FIPD content
D13r02	15 May 2006	Updated SDP record, InformDisplayableCharacterSet comments and specific Metadata Transfer introduction comments from the AV WG members
D13r03	16 <sup>th</sup> May 2006	Updated with Patric's description of Basic Group Navigation. Misc. editorial comments
D13r04	12 <sup>th</sup> June 2006	Updated with Laurent's PDU examples and Section 5.5
D13r05	23 <sup>rd</sup> June 2006	Updated with new timers for metadata transfer and minor edits
D13r06	05 October 2006	Converted into a Voting Draft for Metadata Transfer; included Issues 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904
D13r07	14 <sup>th</sup> October 2006	Updates during F2F meeting: included issues on interleaving commands and clarified RequestContinue PDU ID usage; included Assigned Numbers dependencies and Reference; repaired the Reference section; some editorial and cosmetic updates; updated contributor list; reformatted and added captions to tables in chapter 5; repaired links within document
D13r08	30 <sup>th</sup> October 2006	Update after comment from BARB: Included reference to AV/C
D13r09	31 <sup>st</sup> October 2006	Update after further comments from BARB: removed last paragraph in section 1.1; corrected spellings
D13r10	28 February 2007	Incorporate errata 2077 and 2079
V13	16 April 2007	Prepare for adoption

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## Audio/Video Remote Control Profile (AVRCP)

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The Bluetooth SIG has adopted Section 13.1 of the IEEE Standards Style Manual, which dictates use of the words ``shall", ``should", ``may", and ``can" in the development of documentation, as follows:

- The word shall is used to indicate mandatory requirements strictly to be followed in order to conform to the standard and from which no deviation is permitted (shall equals is required to).
- The use of the word *must* is deprecated and shall not be used when stating mandatory requirements; *must* is used only to describe unavoidable situations.
- The use of the word *will* is deprecated and shall not be used when stating mandatory requirements; *will* is only used in statements of fact.
- The word should is used to indicate that among several possibilities one is recommended as particularly suitable, without mentioning or excluding others; or that a certain course of action is preferred but not necessarily required; or that (in the negative form) a certain course of action is deprecated but not prohibited (should equals is recommended that).
- The word *may* is used to indicate a course of action permissible within the limits of the standard (*may* equals *is permitted*).
- The word *can* is used for statements of possibility and capability, whether material, physical, or causal (*can* equals *is able to*).



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