

[Select Language](#)[Search site](#)  [Search](#)

## Step 4 - Project: BT + LE PSS

[» Project Details »](#)

### Product Type Verification

Product Type Selection in PROD Table: **Profile Subsystem**

### Status

Valid

Product Type Selection from Dropdown: **Profile Subsystem**

### • Product Type Conformance Check: **Profile Subsystem**

-- All mandatory profiles are being claimed. --

PROFILE: [ [A2DP](#) [AVRCP](#) [BIP](#) [BPP](#) [1.2](#) [DUN](#) [DID](#) [FAX](#) [FTP](#) [GAVDP](#) [HFP](#) [1.5](#) [HDP](#) [HID](#) [HSP](#) [IOP](#) [MAP](#) [MCAP](#) [OPP](#) [PBAP](#) [SAP](#) [SPP](#) [SYNC](#) ]**Advanced Audio Distribution Profile**  
External to Core[Update PICS Information](#)TOOLS: [ [Consistency Check](#) ]

### TABLE OF CONTENTS

[Role Declaration](#)  
[Application Features](#)  
[Source Implementation](#)  
[Application Features](#)  
[Sink Implementation](#)

### Role Declaration

[\[ top \]](#)**Table 0: Profile Version**

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	A2DP 1.0	A2DP 1.0	C.1	<input checked="" type="radio"/> <input type="radio"/>
2	A2DP 1.2	A2DP 1.2	C.1	<input type="radio"/> <input checked="" type="radio"/>

C.1: It is mandatory to select one of the profile versions

**Table 1: Roles**

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Source (SRC)	2.2, A2DP Spec	O.1	<input checked="" type="radio"/> <input type="radio"/>
2	Sink (SNK)	2.2, A2DP Spec	O.1	<input checked="" type="radio"/> <input type="radio"/>

O.1: It is Mandatory to support at least One of the defined roles.

[Update PICS Information](#)TOOLS: [ [Consistency Check](#) ]

### Application Features

[\[ top \]](#)**Table 2: A2DP Source Features**

Prerequisite: (1/1)

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Initiate Connection Establishment	4.1.1, GAVDP Spec	M.1	<input checked="" type="radio"/> <input type="radio"/>
2	Accept Connection Establishment	4.1.1, GAVDP Spec	M.1	<input checked="" type="radio"/> <input type="radio"/>
3	Initiate Start Streaming	4.1.2, GAVDP Spec	M.1	<input checked="" type="radio"/> <input type="radio"/>
4	Accept Start Streaming	4.1.2, GAVDP Spec	M.1	<input checked="" type="radio"/> <input type="radio"/>
5	Send Audio Stream	3.2.1, A2DP Spec	M.1	<input checked="" type="radio"/> <input type="radio"/>
6	Initiate Connection Release	4.1.3, GAVDP Spec	M.1	<input checked="" type="radio"/> <input type="radio"/>
7	Accept Connection Release	4.1.3, GAVDP Spec	M.1	<input checked="" type="radio"/> <input type="radio"/>
8	Initiate Suspend	4.1.4, GAVDP Spec	O	<input checked="" type="radio"/> <input type="radio"/>
9	Accept Suspend	4.1.4, GAVDP Spec	O	<input checked="" type="radio"/> <input type="radio"/>
10	SBC Encoder	4.3, A2DP Spec	M.1	<input checked="" type="radio"/> <input type="radio"/>
11	SBC Configurations in 16 KHz sampling frequency rate	6.6, A2DP Spec	O	<input checked="" type="radio"/> <input type="radio"/>
12	SBC Configurations in 32 KHz sampling frequency rate	6.6, A2DP Spec	O	<input checked="" type="radio"/> <input type="radio"/>
13	SBC Configurations in 44.1 KHz sampling frequency rate	6.6, A2DP Spec	C.1	<input checked="" type="radio"/> <input type="radio"/>
14	SBC Configurations in 48 KHz sampling frequency rate	6.6, A2DP Spec	C.1	<input checked="" type="radio"/> <input type="radio"/>

M.1: Mandatory to support IF (1/1) supported.

C.1: AT least one of the values shall be supported.























Welcome, **Carsten Poulsen**  
[Home](#) | [My Bluetooth.org](#) | [Logout](#)[About Us](#)[Membership](#)[Marketing Resources](#)[Technical Resources](#)[Assigned Numbers](#)[Roadmap](#)[Specifications](#)[Errata](#)[ATLAS](#)[Product Development](#)[Software Licensing](#)[Test Tools](#)[Overview](#)[Test Plan Generator](#)[Listing Process](#)[Build Your Test Plan](#)[Overview](#)[My Projects](#)[Create Project](#)[Import Project](#)[Create Test Plan](#)[»\[1\] Select a Project](#)[»\[2\] Declaration](#)[»\[3\] Core PICS](#)[»\[4\] Profile PICS](#)[»\[5\] Consistency Check](#)[»\[6\] Generate Plan](#)[Qualify Your Design](#)[Update Your PRD 1.0 Product](#)[Find Design/Product Listings](#)[Online References](#)[Profile Tuning Suite](#)[Device Library](#)[Test Vector Licensing](#)[Qualification](#)[Security](#)[Regulatory](#)[The SIG Community](#)[Training & Events](#)[Groups](#)

## Source Implementation

[\[ top \]](#)

Table 3: Supported codecs in Source (SRC)

Prerequisite: (1/1)

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	SBC encoder - E1 & E2	4.3 & App B in A2DP, App A in TS	M.1	 
2	Optional Codec		O	 
3	MPEG-1,2 Audio decoder	4.4, 4.5, 4.6 in A2DP	C.1	 
4	MPEG-1,2 Audio encoder	4.4, A2DP	C.1	 
5	MPEG-2,4 AAC decoder	4.5, A2DP	C.1	 
6	MPEG-2,4 AAC encoder	4.5, A2DP	C.1	 
7	ATRAC family decoder	4.6, A2DP	C.1	 
8	ATRAC family encoder	4.6, A2DP	C.1	 
9	[Deleted] Non-A2DP codec decoder	4.2.3, A2DP	O	 
10	[Deleted] Non-A2DP codec encoder	4.2.3, A2DP	O	 
11	(Intentionally left blank)			 

M.1: Mandatory to support IF (1/1) supported.

C.1: At least One of the Implementations SHALL be supported IF 3/2 (Optional Codec) is supported.

Update PICS Information





























TOOLS: [\[ Consistency Check \]](#)

## Application Features

[\[ top \]](#)

Table 4: A2DP Sink Features

Prerequisite: (1/2)

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Initiate Connection Establishment	4.1.1, GAVDP Spec	O	 
2	Accept Connection Establishment	4.1.1, GAVDP Spec	M.1	 
3	Initiate Start Streaming	4.1.2, GAVDP Spec	O	 
4	Accept Start Streaming	4.1.2, GAVDP Spec	M.1	 
5	Receive Audio Stream	3.2.2, A2DP Spec	M.1	 
6	Initiate Connection Release	4.1.3, GAVDP Spec	O	 
7	Accept Connection Release	4.1.3, GAVDP Spec	M.1	 
8	Initiate Suspend	4.1.4, GAVDP Spec	O	 
9	Accept Suspend	4.1.4, GAVDP Spec	O	 
10	SBC Decoder	4.3, A2DP Spec	M.1	 
11	SBC Configurations in 16 KHz sampling frequency rate	6.6, A2DP Spec	O	 
12	SBC Configurations in 32 KHz sampling frequency rate	6.6, A2DP Spec	O	 
13	SBC Configurations in 44.1 KHz sampling frequency rate	6.6, A2DP Spec	M.1	 
14	SBC Configurations in 48 KHz sampling frequency rate	6.6, A2DP Spec	M.1	 













M.1: Mandatory to support IF (1/2) supported.

## Sink Implementation

[\[ top \]](#)

Table 5: Supported codecs in Sink (SNK)

Prerequisite: (1/2)

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	SBC decoder - D1 & D2	4.3, A2DP Spec, A2DP Test Spec	M.1	 
2	Optional codec decoder		O	 
3	MPEG-1, 2 Audio	4.4, A2DP Spec	C.1	 
4	MPEG-2, 4 AAC	4.5, A2DP Spec	C.1	 
5	ATRAC family	4.6, A2DP Spec	C.1	 
6	[Deleted] Non-A2DP codec decoder	4.2.3, A2DP Spec	O	 

M.1: Mandatory to support IF (1/2) supported.

C.1: At least one codec shall be supported if 5/2 (Optional codec decoder) is supported.

Update PICS Information

TOOLS: [\[ Consistency Check \]](#)



© 2011 Bluetooth SIG all rights reserved

print | [site map](#) | [legal](#) | [privacy policy](#)