

# Microphone Control Service (MICS)

## **Bluetooth® Implementation Conformance Statement (ICS) Proforma**

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# 1 General principles

## 1.1 Implementation Under Test (IUT) identification

Using the Bluetooth SIG qualification tool, the implementer is expected to declare details about what will be implemented.

## 1.2 Enforcement of inter-layer dependencies

This ICS includes one or more tables with inter-layer dependencies (ILDs). ILDs are used for specification requirements that are dependent on other supporting specifications. ILDs can refer to an individual ICS item in a separate layer (individual ILD), or it can refer to the full layer (full-layer ILD).

ILDs residing in an X2Core layer will be enforced from the Bluetooth SIG qualification tool in the following conditions, depending on where the referred ILD is residing:

Referred ILD resides in	Individual ILD	Full-layer ILD
Controller layer	Core-Complete configuration, or Referred layer is supported	N/A
Lower HCI layer	HCI is supported	N/A
Upper HCI layer	Core-Host configuration, or UHCI is supported	N/A
Host layer	Core-Host configuration, or Core-Complete configuration, or Referred layer is supported	N/A
X2Core layer	Core-Host configuration, or Core-Complete configuration, or Referred layer is supported	Core-Host configuration, or Core-Complete configuration

Table 1.1: Enforcement of an ILD within the Bluetooth SIG qualification tool

## 2 ICS declarations

### 2.1 Versions

Table 0: X.Y Versions

Item	Version	Reference	Status
1	MICS v1.0	[1] 2.1	M

### 2.2 Transports

Table 1: Transport Requirements

Item	Feature	Reference	Status
1	Service supported over BR/EDR	[1] 1.5	C.1, C.3
2	Service supported over LE	[1] 1.5	C.2, C.3

- C.1: Excluded for this Service IF CORE 41/2 “LE Core Configuration” OR CORE 40/1 “Core-Controller”.
- C.2: Excluded for this Service IF CORE 41/1 “BR/EDR Core Configuration” OR CORE 40/1 “Core-Controller”.
- C.3: Mandatory to support at least one.

### 2.3 Service requirements

Table 2: Microphone Control Service Requirements

Item	Feature	Reference	Status
1	Mute Characteristic	[1] 3.1.1	M

### 2.4 GATT requirements

Table 3: GATT Requirements

Item	Feature	Reference	Status	Inter-Layer Dependency
1	Write Characteristic Value	[1] 1.4	M	[2] GATT 4/14
2	Single Notification	[1] 1.4	M	[2] GATT 4/17
3	Read Characteristic Descriptor	[1] 1.4	M	[2] GATT 4/19
4	Write Characteristic Descriptor	[1] 1.4	M	[2] GATT 4/21
5	GATT Server over BR/EDR	[1] 1.4	C.1	[2] GATT 1a/4
6	GATT Server over LE	[1] 1.4	C.2	[2] GATT 1a/3

- C.1: Mandatory IF MICS 1/1 “Service supported over BR/EDR”, otherwise not defined.
- C.2: Mandatory IF MICS 1/2 “Service supported over LE”, otherwise not defined.



## 2.5 SDP requirements

**Table 4: SDP Requirements**

*Prerequisite: MICS 1/1 "Service supported over BR/EDR"*

Item	Feature	Reference	Status
1	SDP record present for MICS	[1] 4	M
2-4	No longer used	N/A	N/A

## 3 References

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- [1] Bluetooth Microphone Control Service Specification, Version 1.0
- [2] ICS Proforma for Generic Attribute Profile (GATT)

## 4 Revision history and acknowledgments

### Revision History

Publication Number	Revision Number	Date	Comments
0	p0	2021-03-02	Approved by BTI on 2021-02-20. MICS v1.0 adopted by the BoD on 2021-02-23. Prepared for publication.
	p1r00-r01	2023-08-16 – 2023-11-28	TSE 23672 (rating 2): Removed the SDP ICS from the References section. Added 3/5 and 3/6 and associated conditionals C.1 and C.2. Updated Table 4 by removing the ILD column, revising the Feature description for 4/1, and deleting 4/2, 4/3, and 4/4. Editorials throughout to align the document with the latest ICS conventions.
1	p1	2024-07-01	Approved by BTI on 2024-04-21. Prepared for TCRL 2024-1 publication.
	p2r00	2025-04-21	TSE 27332 (rating 1): Updated the Status value for MICS 1/1 and MICS 1/2. Added conditionals C.1 and C.2 to Table 1 and renumbered C.1 as C.3. Updated the feature name of MICS 3/2.  Incorporated editorials to align the document with the latest ICS template, including updates to Section 1 and the addition of a section heading for the ICS declarations section.
2	p2	2025-07-08	Approved by BTI on 2025-05-30. Prepared for TCRL pkg100 publication.
	p3r00-r01	2025-12-07 – 2026-01-14	TSE 28372 (rating 1): Updated the conditions in the transport table to make sure the layer is excluded when the design is an implementation of the Core-Controller Configuration by adding "OR CORE 40/1 "Core-Controller"" to an already excluded transport based on Core Configuration support.
3	p3	2026-02-17	Approved by BTI on 2026-01-26. Prepared for TCRL pkg102 publication.

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