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## HEADSET PROFILE

### Abstract:

This profile defines the requirements for Bluetooth® devices necessary to support the Headset use case. The requirements are expressed in terms of end-user services, and by defining the features and procedures that are required for interoperability between Bluetooth devices in the Headset use case.

*Headset Profile (HSP)***Revision History**

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*Headset Profile (HSP)*

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## 1 Introduction

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### 1.1 Scope

This Headset profile defines the protocols and procedures that shall be used by devices requiring a full-duplex audio connection combined with minimal device control commands. The most common examples of such devices are headsets, personal computers, PDAs, and cellular phones, though most cellular phones will prefer to use a more advanced profile such as Hands-Free Profile.

The headset can be wirelessly connected for the purposes of acting as the device's audio input and output mechanism, providing full duplex audio. The headset increases the user's mobility while maintaining call privacy.

### 1.2 Profile Dependencies

The Headset profile is dependent upon both the Serial Port Profile and the Generic access profile – details are provided in [Serial Port Profile](#) and [Generic Access Profile](#).

### 1.3 Symbols and Conventions

#### 1.3.1 Requirement Status Symbols

In this document, the following symbols are used:

- 'M' for mandatory to support
- 'O' for optional to support
- 'X' for excluded (used for capabilities that may be supported by the unit but shall never be used in this use case)
- 'C' for conditional to support
- 'N/A' for not applicable (in the given context it is impossible to use this capability)

Some excluded capabilities are capabilities that, according to the relevant Bluetooth specification, are mandatory. These are features that may degrade operation of devices in this use case. Therefore, these features shall never be activated while a unit is operating as a unit within this use case.

### 1.4 Signaling Diagram Conventions

The following arrows are used in diagrams describing procedures:

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