

## Overview

The Amphenol PCD Bluetooth Jack provides a Bluetooth® connectivity to add to or extend the wireless connectivity of Inflight Entertainment (IFE) and media systems. It allows data and audio streaming to passenger headphones, headsets and game controllers via Bluetooth 5.0. The Amphenol PCD Bluetooth Jack can simultaneously connect headphones and game controllers for a true inflight wireless gameplay experience. The Bluetooth Jack comes in a range of formfactors and is small, light-weight and low power. The Amphenol Bluetooth Jack connects to the Inflight Entertainment System or media system with a simple USB 2.0 interface. This will provide seamless integration to new and existing IFE systems.

## Features

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| Add Bluetooth® connectivity to extend the wireless capability of IFE and other media systems                       |
| Simultaneously connect passenger Bluetooth headphones and game controllers for a true inflight wireless experience |
| Supports Bluetooth wireless headsets for two-way communication   |
| Drop in replacement for traditional audio jacks  |
| Optional 3.5mm audio pass through for backwards compatibility with wired headphones                                |
| Small formfactors and light-weight for easy integration  |
| Simple USB interface for easy configuration to new or existing IFE systems   |

## Specifications

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|-----------------------------------|--|
| Application                       | Headphones, headsets and game controllers                              |
| Bluetooth® version                | 5.0  |
| Modes                             | Classic and Bluetooth Low Energy (BLE)                                 |
| Bluetooth® Profiles               | A2DP, HID, AVRCP, HFP, HSP   |
| Audio CODECs                      | SBC, ACC, AptX™ (License fee)  |
| Input Power                       | 5V @ 60mA or 28V±10% @ 10mA  |
| Comms                             | USB 2.0 (Android HCI compatible) or Analog audio                       |
| 3.5mm Audio Output                | Optional   |
| Power Consumption                 | < 0.3W   |
| Dimensions (Square) BT Only #1    | 38.5mm x 31.5mm x 30.4mm (1.52" x 1.24" x 1.2")                        |
| Dimensions (Square) BT + 3.5mm #2 | 38.5mm x 31.5mm x 30.4mm (1.52" x 1.24" x 1.2")                        |
| Dimensions (Hidden) #3            | 52.2mm x 38.4mm x 13mm (2.06" x 1.51" x 0.51") (Including side mounts) |
| Weight                            | < 50g  |
| Qualification                     | Designed for DO160, FCC  |

