

# Amphenol Pcd

## Magnus MJP

**AVAILABLE IMMEDIATELY**

Amphenol Pcd (APCD) is pleased to announce a fully accredited mate for Phitek®'s innovative Magnetic Jack Unit (MJU™), the **Magnus MJP** plug. Designed with strength in mind, this rugged, durable connector is made to meet the growing demand for high quality audio on board today's modern aircraft, and to enable unparalleled sound in a highly reliable solution.

Conventional aircraft audio systems use a headphone plug that inserts into the jack of an airline seat. Damage occurs using this outdated system due to the amount of activity surrounding the plug and jack. APCD's Magnus MJP and Phitek®'s MJU™ eliminates this problem by using a smart "break-away" system, whereby the plug and jack are instead connected by a magnetic force. If a headphone cable is inadvertently pulled or tugged in an awkward manner, the plug and jack simply separate – resulting in no damage to either the headphone plug or the interface at the seat.

This greatly diminishes aircraft downtime, saving the airline time and money in improved uptime and significantly lower maintenance costs. The combination of the Magnus MJP and the MJU™ also save users the aggravation of having their favorite headphone ruined, eliminating the occurrence of having the plug torn away from the headphone cable by a single, careless motion. The result of this new system is hours of high quality, carefree listening with worry-free installation and continuous use.



### Features

### Benefits

Magnetic Alignment & Positive Keying	Ultra long service life
	Eliminates pin-shear and resulting audio loss
	Surefire Blind-Mate connection
Custom Design Spring Pin	10k connection cycles
Overmolded Strain Relief	Extends headphone cable lifetime Maximizes lifetime of aircraft jacks
6 Pin Jack Powered or Enabled	VOIP compatible



MJP100100	3 pin	Audio Only	ARINC A style
MJP100110	6 pin	Jack Enabled Noise Cancellation	ARINC C style
MJP100120	6 pin	Jack Powered Noise Cancellation	ARINC D style

\*MJP100xxx available with 5.1 ft (1.55 m) of 6 conductor cable.

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Other Products

Backshells



Cable Solutions



Circular



Field Bus



Junction Modules



Military Audio/  
Power



Rectangular



Relay Sockets



SIM



System Attachments



Terminal Blocks



Waterproof Solutions

