



DUAL NOISE CANCELLING JACK 1067

All the audio, none of the noise

Customer experience, cost effectiveness, reliability and maintainability has been at the forefront of the 1067's design from the very first stages of development.

Increasing customer satisfaction is at the heart of IFPL's Integrated Noise Cancelling Audio Module (INCAM). Specifically designed to minimise cabin background noise - ensuring passengers arrive in a more relaxed and rested state, whilst having experienced clarity of sound from their inflight entertainment system. Whilst some passengers may use their own noise-cancelling headphones; IFPL's INCAM jack ensures this experience can be made available across the entire aircraft for all passengers to enjoy due to its low cost.

IFPL has purposefully placed the INCAM's innovative noise cancellation electronics in the jack module itself and not the headset. Whilst the headphones require microphones in the ear cups to pick up the ambient noise, they are

a lower cost option than the traditional powered noise-cancelling headset. This results in lower cost noise cancelling headsets for airlines. The 1067 accepts industry standard connectors ARINC D1/ D2 noise cancelling headsets.

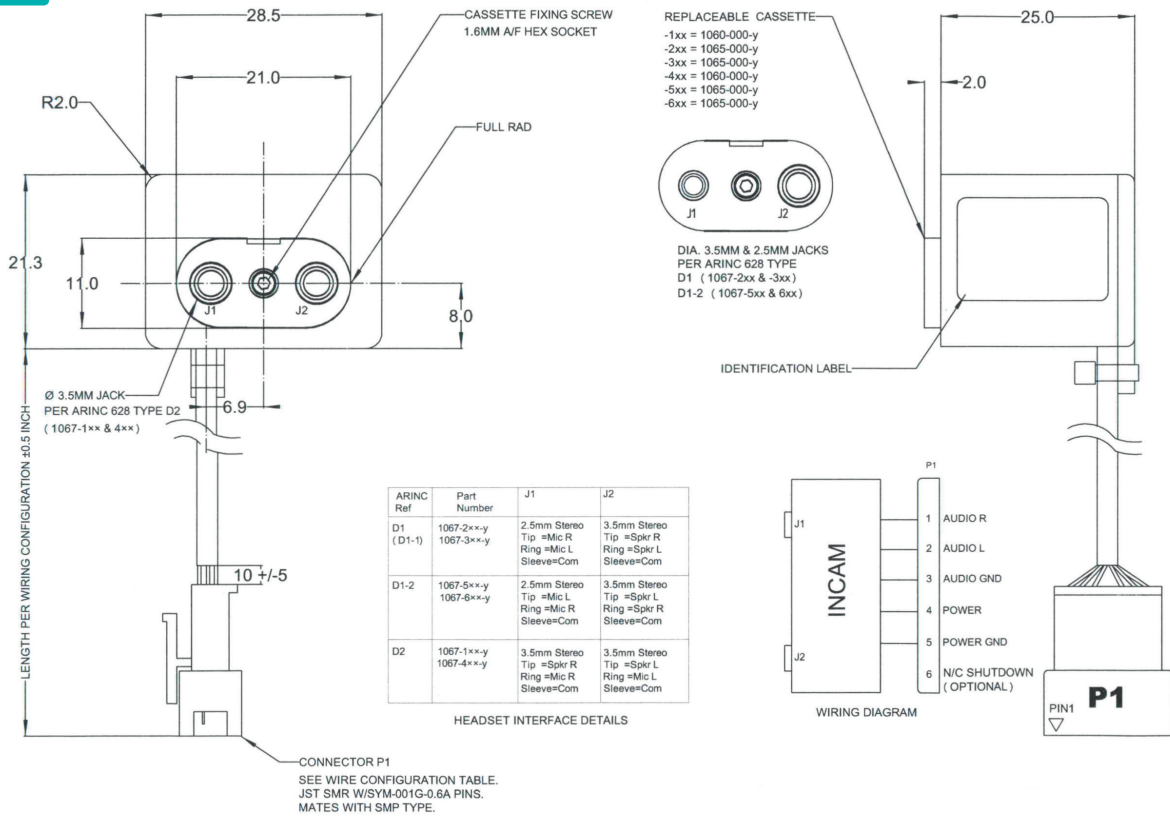
INCAM also accepts A1/A2 noise cancelling headsets. The 1067 design ensures that on-wing maintenance and Customer Induced Damage (CID) costs are kept to a minimum as the jack module houses a removable dual pin INCAM Rapid Fit cassette. This removable cassette houses the pin sockets and all components normally exchanged during maintenance. It is designed to be quick and easy to replace in the event of damage. The removable cassette is retained by a single Hex screw which is easily accessible, eliminating the need to remove the whole module from the seat in the event of CID. The cassette can typically be replaced in less than 30 seconds.

CUSTOMER SATISFACTION

- Reduces unwanted background noise
- Provides a more relaxing inflight experience
- Customers no longer reliant on having their own Noise Cancelling headsets
- Compatible with airline standard and leading passenger carry on headsets

AIRLINE PROPOSITION

- INCAM™ technology designed to minimise airline headset costs
- Separate low cost cassette designed to minimise maintenance costs
- Cassette module design enables 30-second on-wing replacement
- Accepts ARINC standard D1/D2 and A1/A2



1067 TECHNICAL SPECIFICATION

IFPL is an innovative award winning company specialising in the design and manufacture of passenger interface solutions to the global In-flight Entertainment and Connectivity (IFEC) industry.

Twice winner of the prestigious Queen's Award for Enterprise, we are unique in our ability to combine industry leading innovation with manufacturing excellence; through comprehensive in-house capability that enables our clients to work closely with us in transforming ideas, from concept to prototype and then delivered as industrialised, certified and production ready solutions.

PART		
Name	INCAM	
Number	1067-xxx-y	
ELECTRICAL CHARACTERISTICS		
Initial Contact Resistance	0.025 ohm	
Load Impedance	30 to 300 Ohm	
Working Voltage Range	5 to 30 VDC	
Max. Working Current	60 mA	
External Connection	To customer requirement. Standard part uses JST SMR	
Pigtail Cable Length	Standard	155mm
	Customisable?	Yes
Replacement cassettes	Original units include a cassette	
	1060-000-y	D2 for 1067
	1065-000-y	D1 for 1067
COLOUR		
Standard	Black	
Customisable?	Yes	
MECHANICAL		
Housing	Lexan 940a and 953a	
Mass	22g (typical)	
Insertions / Extractions	20,000	
Panel Cut-out	Standard oval as per Arinc 628	
Panel Thickness	2mm (0.080")	