Amphe-Dante

The perfect solution allowing the integration of analogue devices to a Dante™ enabled network

Features

- Line level analogue input to Dante™ audio output adapters
- Dante™ AES3 two channel input/output adapters
- Dante™ USB input/output adapters
- Durable overmolded housing
- Resilient cable strain relief
- Shielded RJ45 metal connectors with integrated LED's
- Premium AX-Series XLR connectors

Areas of Application

- Simple connections of analogue equipment to a Dante™ network
- Installation in studios / theatres
- Events such as concerts / festivals

Technical Data

Partnumber			RJD2103-0050	RJD2203-0050	RJD1112-0050	RJD1212-0050	RJD32A3-0050	RJD32U1-0050
			Analog Input 1 Channel	Analog Input 2 Channel	Analog Output 1 Channel	Analog Output 2 Channel	AES3 I/O 2 In 2 Out	USB I/O 2 In 2 Out
General	Connectors	Input	1 XLR-F	2 XLR-F	RJ45	RJ45	RJ45	RJ45
		Output	RJ45	RJ45	1 XLR-M	2 XLR-M	1 XLR-M, 1 XLR-F	USB 2.0 Type A
Electrical	Power Consumption		< 2 Watt					
	Power over Ethernet (Required)		Class 1 IEEE 802.3af PoE PD compliant					PoE or USB
Analog / Digital Audio	Max Signal Level (Balanced)		+24 dBu / +4 dBu / 0 dBu 0 dBV / -10 dBV		+18 dBu / +4 dBu / 0 dBu 0 dBV / -10 dBV		-	-
	Impedance		20 k Ohm balanced 10 k Ohm unbalanced		150 Ohm balanced 75 Ohm unbalanced		110 Ohm balanced	-
	Frequency Response		20 Hz to 20 kHz (+/-0.5 db)		20 Hz to 20 kHz (+/-0.5 db)		-	-
	Dynamic Range		>100 dB		>100 dB		-	-
	Signal to Noise		>100 dB		>100 dB		>135 dB	-
	Total Harmonic Distortion		<0.01% at +4 dBu		<0.01% at +4 dBu		-	-
	Channel Separation		N/A	>100 dB	N/A	>100 dB		-
	Channel Matching		N/A	< 0.25 dB	N/A	< 0.25 dB		
DANTE® AUDIO	Asynchronous Sample Rate Conversion		-		-		Yes	-
	Sample Rate		44.1 kHz, 48 kHz (default), and 96 kHz					48 kHz
	Bit Depth		24 bits					
	Network Speed		100 Mbps					
	Network Interface		Latency from 1 ms					
	Network Transport		Dante Audio over IP, AES67 RTP					
Climatic	Protection Class		IP40					
	Operation Temperature		-5°C to +60°C (23°F to +140°F)					
Mechanical	Insertion and Withdrawal Force		≥ 10N -≤ 35N					
	Weight		136 g (0.299 lb)	192 g (0.423 lb)	136 g (0.299 lb)	192 g (0.423 lb)	192 g (0.423 lb)	110 g (0.243 lb)
Materials	Housing		PVC 60P Black					

LED STATUS

LEFT LED   RIGHT LED

FUNCTION	LEFT LED	RIGHT LED	COMMENT
Off	OFF	OFF	No Power
Device is booting	Solid GREEN	Solid RED	
Slave with sync	Blinking GREEN	Solid GREEN	Normal operation
Clock Master	Blinking GREEN	Blinking GREEN	Normal operation
Any runtime error	Blinking GREEN	Blinking RED	Normal operation
Identify	Alternating RED and GREEN	Alternating RED and GREEN	Blinking for 6 seconds (cycle every 0.5 seconds)
Failsafe (bootloader)	Blinking RED	Blinking RED	Failsafe, Corrupt Capability (red in DC)
Upgrade (bootloader)	Blinking ORANGE	Blinking ORANGE	Device is upgrading

All software can be purchased and downloaded at amphenolaudio.com/products/dante