

# Which audio distribution amplifier do you need?

	Vision SYSTEM	Indigo SYSTEM			Vision SYSTEM	Indigo SYSTEM			Vision SYSTEM	Indigo SYSTEM	
	AADA-VF	AADA416FM	AADA416FR	AADA-STM-1	DADA-VF	DADA208	DADA208N	DADA208D	3GDA-VF	MADA105	MADA111
Frame system	Vision (3U)	Indigo (2U, 1U, DTB)	Indigo (2U, 1U, DTB)	Indigo (2U, 1U, DTB)	Vision (3U)	Indigo (2U, 1U, DTB)	Indigo (2U, 1U, DTB)	Indigo (2U, 1U, DTB)	Vision (3U)	Indigo (2U, 1U, DTB)	Indigo (2U, 1U, DTB)
Product type	Card	Card	Card	Card	Card	Card	Card	Card	Card	Card	Card
Distributes analogue audio	●	●	●	●							
Distributes AES audio					●	●	●	●			
Distributes Dolby E					●	●	●	●			
Distributes MADI (AES10)									●	●	●
Distributes Word Clock reference					●		●				
Distributes digital video									●		
Mono or stereo inputs	Mono or stereo	Mono or stereo	Mono or stereo	Stereo	Stereo	Stereo	Stereo	Stereo	MADI multi channel	MADI multi channel	MADI multi channel
Mono or stereo outputs	Mono or stereo	Mono or stereo	Mono or stereo	Mono	Stereo	Stereo	Stereo	Stereo	MADI multi channel	MADI multi channel	MADI multi channel
Stereo to mono conversion				●							
Configurable as single, dual, triple or quad channel amplifier	Single or dual	Single, dual, triple or quad	Single, dual, triple or quad	Single or dual	Single or dual	Single or dual	Single or dual	Single or dual	Single	Single	Single
Max outputs with single amplifier	8	16	16	16	8	8	8	8	12	5	11
Max outputs with dual amplifier	4 per channel	8 per channel, or 4 outputs of channel 1 and 12 of channel 2	8 per channel, or 4 outputs of channel 1 and 12 of channel 2	8 per channel, or 4 outputs of channel 1 and 12 of channel 2	4 per channel	4 per channel	4 per channel	4 per channel			
Max outputs with triple amplifier		4 outputs of channel 1, 4 of channel 2 and 8 of channel 3	4 outputs of channel 1, 4 of channel 2 and 8 of channel 3								
Max outputs with quad amplifier		4 per channel	4 per channel								
Reclocking					●	●		●	Not when Reclocker mode set to MADI		
Non-reclocking					● (when reclocker switched off)		●		● (when Reclocker mode set to MADI)	●	●
Uses OPAES sub-module (to select 75 ohm or 110 ohm output)						●	●	●			
Audio gain adjustment	-30dB to +30dB (remote adjustment)	+12dB to -12dB (manual adjustment)	+18dB to -18dB (manual or remote adjustment)	+12dB to -12dB (manual adjustment)							
Audio silence detectors	-30dBu to -42dBu (remote adjustment)	-18dBu to -42dBu (manual adjustment)	-18dBu to -42dBu (manual or remote adjustment)	-18dBu to -42dBu (manual adjustment)	Select from -48dBFS, -54dBFS, -60dBFS, -66dBFS, -72dBFS, -78dBFS, -84dBFS and -90dBFS						
Overvoltage detectors	+12dBu to +24dBu (remote adjustment)	+6dBu to +25dBu (manual adjustment)	+6dBu to +25dBu (manual or remote adjustment)	+6dBu to +25dBu (manual adjustment)							
Two audio jacks for local monitoring		●	●	●							
Selectable delay of up to one second								●			
Impedance conversion						Use RM12, RM13 or RM21	Use RM12, RM13 or RM21	Use RM12, RM13 or RM21			
GPI indications		Audio silence and overvoltage status	Audio silence and overvoltage status	Audio silence and overvoltage status		AES signal presence	AES signal presence	AES signal presence		MADI signal presence and power supplies fault	MADI signal presence and power supplies fault
Remote control	●		●		●				●		
SNMP control	Complimentary		Available to purchase		Complimentary				Complimentary		
Relay bypass protection										● (RM67 option)	● (RM67 + RM34 option)
Frame slots used	1	1	1	1	1 or 2, depending on rear module	1 or 2, depending on rear module	1 or 2, depending on rear module	1 or 2, depending on rear module	1 or 2, depending on rear module	1	2
DAs in frame (max)	40 in 3U (when dual DA)	48 in 2U (when quad DA)	48 in 2U (when quad DA)	48 in 2U (when quad DA)	40 in 3U (when dual DA) – 20 with VR22	24 in 2U (when dual DA)	24 in 2U (when dual DA)	24 in 2U (when dual DA)	20 in 3U – 10 with VR15	12 in 2U	6 in 2U
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