

# Which audio distribution amplifier do you need?



	AADA416FM	AADA416FR	AADA-STM-1	DADA208	DADA208N	DADA208D	MADDA105	MADDA111
Distributes analogue audio	●	●	●					
Distributes AES audio				●	●	●		
Distributes Dolby E				●	●	●		
Distributes MADI (AES10)							●	●
Distributes Word Clock reference					●			
Mono or stereo inputs	Mono or stereo	Mono or stereo	Stereo	Stereo	Stereo	Stereo	MADI multi channel	MADI multi channel
Mono or stereo outputs	Mono or stereo	Mono or stereo	Mono	Stereo	Stereo	Stereo	MADI multi channel	MADI multi channel
Stereo to mono conversion			●					
Configurable as single, dual, triple or quad channel amplifier	Single, dual, triple or quad	Single, dual, triple or quad	Single or dual	Single or dual	Single or dual	Single or dual	Single	Single
Maximum number of DAs in 2U	48 (when quad DA)	48 (when quad DA)	24 (when dual DA)	24 (when dual DA)	24 (when dual DA)	24 (when dual DA)	12	12
Max outputs with single amplifier	16	16	16	8	8	8	5	11
Max outputs with dual amplifier	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		
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				●		●		
Non-reclocking					●		●	●
Uses OPAES sub-module (to select 75 ohm or 110 ohm output)				●	●	●		
Audio gain adjustment	Manual adjustment	Manual or remote adjustment	Manual adjustment					
Audio silence detectors	Manual adjustment	Manual or remote adjustment	Manual adjustment					
Overvoltage detectors	Manual adjustment	Manual or remote adjustment	Manual adjustment					
Two audio jacks for local monitoring	●	●	●					
Selectable delay of up to one second						●		
Rear modules available	RM17	RM17	RM17	RM01, RM02, RM03, RM12, RM13, RM16 and RM21	RM01, RM02, RM03, RM12, RM13, RM16 and RM21	RM01, RM02, RM03, RM12, RM13, RM16 and RM21	RM41 and RM67	RM41 + RM34 and RM67 + RM34
Impedance conversion				Use RM12, RM13 or RM21	Use RM12, RM13 or RM21	Use RM12, RM13 or RM21		
Relay bypass protection							● (RM67 option)	● (RM67 + RM34 option)
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		●						