

Which audio distribution amplifier do you need?

| | Indigo SYSTEM | | | Vision SYSTEM | Indigo SYSTEM | | | Vision SYSTEM | Indigo SYSTEM | | Vision SYSTEM |
|--|--|--|--|--------------------------------------|---|---|---|---|---|---|-------------------------------------|
| | AADA416FM | AADA416FR | AADA-STM-1 | AADA-VF | DADA208 | DADA208N | DADA208D | DADA-VF | MADA105 | MADA111 | 3GDA-VF |
| Frame system | 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) | Vision (3U) |
| 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 | Stereo | Mono or 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 | Mono or stereo | 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, 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 or dual | Single | 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 | |
| Maximum number of DAs in 3U | | | | 40 (when dual DA) | | | | 40 (when dual DA) | | | 20 |
| Max outputs with single amplifier | 16 | 16 | 16 | 8 | 8 | 8 | 8 | 8 | 5 | 11 | 12 |
| 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 | 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 | +12dB to -12dB (manual adjustment) | +18dB to -18dB (manual or remote adjustment) | +12dB to -12dB (manual adjustment) | -30dB to +30dB (remote adjustment) | | | | | | | |
| Audio silence detectors | -18dBu to -42dBu (manual adjustment) | -18dBu to -42dBu (manual or remote adjustment) | -18dBu to -42dBu (manual adjustment) | -30dBu to -42dBu (remote adjustment) | | | | Select from -48dBFS, -54dBFS, -60dBFS, -66dBFS, -72dBFS, -78dBFS, -84dBFS and -90dBFS | | | |
| Overvoltage detectors | +6dBu to +25dBu (manual adjustment) | +6dBu to +25dBu (manual or remote adjustment) | +6dBu to +25dBu (manual adjustment) | +12dBu to +24dBu (remote adjustment) | | | | | | | |
| Two audio jacks for local monitoring | ● | ● | ● | | | | | | | | |
| Selectable delay of up to one second | | | | | | | ● | | | | |
| Rear modules available | RM17 | RM17 | RM17 | VR21 | RM01, RM02, RM03, RM12, RM13, RM16 and RM21 | RM01, RM02, RM03, RM12, RM13, RM16 and RM21 | RM01, RM02, RM03, RM12, RM13, RM16 and RM21 | VR20, VR21 and VR22 | RM41 and RM67 | RM41 + RM34 and RM67 + RM34 | VR15, VR16 and VR20 |
| 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 | | ● | | ● | | | | ● | | | ● |
| SNMP control | | Available to purchase | | Complimentary | | | | Complimentary | | | Complimentary |