

AMP 4XD250B



Part-No.: 585031

Four-channel power amplifier with built in battery charger for VARIODYN ONE. 4XD250B has 4 independent amplifier channels each with 250 W in class D direct drive technology. Due to the fact that all amplifier channels are completely independent from each other, it is possible to use one channel for back up. This could be for the other 3 channels or alternatively for other amplifier channels of other amplifiers with the same or lower output power.

Features:

- Four direct-drive amplifier channels per amplifier
- Inbuilt Power Save mode
- Flexibility to program one channel as a backup channel
- Futuristic design to ensure great thermal performance and ease of installation
- Intuitive display interface to ensure you easily understand the device status
- Inbuilt battery charger

Channel separation	≥ 75 dB
Distortion factor @ 1 kHz	≤ 0,3 %
Approval	EN 54-4 and EN 54-16
Efficiency	< 80 %
Signal to noise ratio	≥ 90 dB (A)
Input level	0 dBu
Output power *8	4 x 250 W
Current (1 kHz sinus/1 min.) @ 24 V DC *7	53.5 A
Rated current @ 230 V AC *6	2.2 A
Rated current @ 24 V DC*6	18.6 A
Technology	Class D
Rated voltage	230 V AC, +10 %/-5 %
Transmission range	50 Hz ... 60 Hz
System input impedance	20 kOhm
Ambient temperature	-5 °C ... 55 °C
Storage temperature	55 °C ... -10 °C
Air humidity	< 93 % (non-condensing)
Weight	approx. 11,5 kg
Dimensions	W: 483 mm H: 90 mm D: 402 mm (2 HU)
Emergency power supply	21,5 V DC ... 28,5 V DC

Accessories:

585301	8 Channel amplifier output cable
585302	4 Channel amplifier output cable
585303	2 Channel amplifier output cable
585304	1 Channel amplifier output cable
585305	Amplifier backup cable - 1 channel, 0.5m
585306	Amplifier backup cable - 2 channel
585307	Amplifier backup cable - 4 channel
585305.01	Amplifier backup cable - 1 channel, 2m
583413	Cable set for connecting batteries 4XDB
583491A	Cat5 patch Cable, 0.5m (green)