

ELECTRONICS

DALI ELECTRONICS | SPECIFICATIONS

All technical specifications are subject to change without notice.
*SE - conventional, single ended output mode
**BTL - bridge-tied load output mode

SPECIFICATIONS	CI AMP-2500 DSP	CI AMP-4750 DSP
Frequency range	12 Hz – 20 kHz (+/- 0.5 dB, 8 Ω load, 3 dB below rated power)	12 Hz – 20 kHz (+/- 1 dB, 8 Ω load, 3 dB below rated power)
Connection inputs	4x Analog unbalanced, RCA 4x Analog balanced, Euroblock connector 1x S/PDIF digital out, RCA	4x Analog unbalanced, RCA 4x Analog balanced, Euroblock connector 1x S/PDIF digital out, RCA
Output channels	2 x Lo-Z speaker (4 - 16 ohm) 1 x Hi-Z speaker (70V / 100V) 1 x S/PDIF digital out, RCA	4 x Lo-Z speaker (4 - 16 ohm) 2 x Hi-Z speaker (70V / 100V) 1 x S/PDIF digital out, RCA
Maximum speaker cable cross section	2,5 mm2 / AWG 14 (Euroblock standard)	2,5 mm2 / AWG 14 (Euroblock standard)
Output power @ 4 ohm	2 x 500 W (SE) 1 x 1000 W (BTL)	4 x 750 W (SE) 2 x 1500 W (BTL)
Output power @ 8 ohm	2 x 250 W (SE) 1 x 1000 W (BTL)	2 x 400 W (SE) 2 x 1500 W (BTL)
Output power @ 70V	1 x 1000 W (BTL)	2 x 1200 W (BTL)
Output power @ 100V	1 x 1000 W (BTL)	2 x 1500 W (BTL)
Total system power	1000 W	3000 W
Power consumption	350 W	1100 W
Output voltage	45 Vrms (SE) - 90 Vrms (BTL) 70/100V (Hi-Z)	SE: 85Vp / 170Vpp (unloaded) BTL: 170Vp / 340Vpp (unloaded) 70/100V (Hi-Z)
Output circuitry	UMAC™ Class D, Full bandwidth PWM modulator with ultra-low distortion	UMAC™ Class D, Full bandwidth PWM modulator with ultra-low distortion
Signal to noise-ratio	>108 dB (A-weighted, 20 Hz - 20 kHz, 8 Ω load)	>106 dB (A-weighted, 20 Hz - 20 kHz, 8 Ω load)
THD+N (typical)	< 0.05 % (20 Hz - 20 kHz, 8 Ω load, 3 dB below rated power)	< 0.05 % (20 Hz - 20 kHz, 8 Ω load, 3 dB below rated power)
Other features:	Short circuit protection DC protection Undervoltage protection Temperature protection Overload protection Rack mountable	Short circuit protection DC protection Undervoltage protection Temperature protection Overload protection Rack mountable

CI AMP-4750 DSP

DALI WEATHER RESISTANT | SPECIFICATIONS

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SPECIFICATIONS	E 60-WR	E 80-WR	GARDIAN OW 6
Frequency range	52 - 25,000 Hz ±3 dB	49 - 25,000 Hz ±3 dB	47 - 25,000 Hz +/- -3dB
Sensitivity	88 dB @ 1 m for 2.83 V	89.5 dB @ 1 m for 2.83 V	84 dB @ 1 m for 2.83 V
Nominal impedance	8 ohm	6 ohm	6 Ohm
Maximum SPL	105 dB	107 dB	103 dB
Crossover frequency	3,300 Hz	3,200 Hz	2,700 Hz
Crossover principle	2-way	2-way	2-way
Recommended amplifier power	30 - 120 Watt	30 - 150 Watt	50 - 200 Watt
High frequency driver	1 x 25 mm soft dome	1 x 25 mm soft dome	1 x 25 mm soft dome (Co-axially mounted)
High frequency diaphragm	Soft woven fabric	Soft woven fabric	Soft woven fabric
Low frequency driver/Mid-range driver	1 x 6½ inch	1 x 8 inch	1 x 5 inch
Low/Mid frequency diaphragm	Polypropylene	Polypropylene	Polypropylene
Connection input	Single wire	Single wire	Single wire
Enclosure type	Open back	Open back	Tuned Mass Enclosure, 2 x 5 inch (oval) passive radiators
Other features	Normal / High+ Normal / Mid+ CLASSIC WR grille	Normal / High+ Normal / Mid+ CLASSIC WR grille	Click n' Connect wall bracket
Installation location	In-ceiling / In-wall	In-ceiling / In-wall	On-Wall / On-Ceiling
Recommended placement	Ceiling / Front / Centre / Surround	Ceiling / Front / Centre / Surround	Ceiling / Front / Centre / Surround
IP rating	IP65	IP65	IP 67
Outer dimensions incl. grille (H x W x D)	Ø 258 x 104 mm Ø 10.16 x 4.09 inches	Ø 295 x 116 mm Ø 11.61 x 4.57 inches	200 x 372 x 206 mm 7.87 x 14.65 x 8.11 inches
Outer dimensions excl. grille (H x W x D)	Ø 242 x 100 mm Ø 9.52 x 3.94 inches	Ø 278 x 113 mm Ø 10.94 x 4.45 inches	N/A

WEATHER RESISTANT

OUTDOOR

GARDIAN OW 6 (BLACK)

DANISH AUDIOPHILE
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CUSTOM INSTALLATION SERIES

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PHANTOM H-60 R (in-wall, without grille)



PHANTOM S-280 AND S-80 (framed on-wall, without grille)



PHANTOM K (in-ceiling, white grille)



PHANTOM M-80 A (in-ceiling, without grille)