

AL4.2 Audio Link Specification



Dimensions

Size body:	78mm(W) x 47mm(H) x 103.5mm(L) Fits into 3x SWF switch holder
Front panel size:	87mm(W) x 58mm(H)
Operating temperature range:	-10 to 50 C
Weight:	260 grams

SPEAKERS 4 way speaker connector screw terminal

+S –S saloon speakers:	single channel 25 watts RMS into 8 ohms min S/C proof @ 27.6 supply volts
	single channel 15 watts RMS into 4 ohms min S/C proof @ 13.8 supply volts
+D –D driver speaker:	Single channel through connection to radio (4 ohm typical)

PWR 5 way power input connector screw terminal

Supply voltage operating range	12.5 to 30 volts reverse voltage protected
Over Voltage shutdown	31 volts min
Absolute max voltage	35 volts
Off current:	50mA
Standby current	200mA

AXL	Selects AX inputs when taken low to 0 volts
AXH	Selects AX inputs when taken high

RADIO 8 way radio/CD/DVD connector screw terminal

12V output	11.9 to 13.2 with over voltage crowbar at 16 volts @ 2 amps (short circuit proof)
+L –L input	Input for AL4.2 Saloon amplifier
+R –R input	Drives driver speaker is switched off when MIC switch is in MIX or ON .
CK	8.5 volts standby power for radio when ignition is off

AX audio inputs 2x RCA connectors

AX1	Line level input RCA female socket rear
AX2	Line level input RCA female socket rear

AX1 and **AX2** inputs have priority over all other sources. **AX1** and **AX2** are controlled by **PWR** inputs **AXL** and **AXH**

M1, M2 and ME1 microphones inputs 3x RCA connectors

M1	Moving coil microphone RCA input
M2	Moving coil microphone RCA input
ME1	Electret microphone RCA input

Microphones inputs are combined with one volume control **MIC VOL**.

Front panel toggle switch-

ON mutes all other audio sources except microphones

MIX is combined with audio sources

OFF microphones off

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Speciation is subject to change without notice due to continued product development. AL4.2 Specification.PUB Date: 04 April 2018