



## AL4.0 Audio Link Specification

### Dimensions

Size body: 78mm(W) x 47mm(H) x 103.5mm(L)  
 Front Panel Size: 87mm(W) x 58mm(H)

Operating Temperature Range: -10 to 50 C

### SPK 4 Way Speaker Connector

Saloon Output: At 27.6 volts single channel 25 watts RMS into 8 ohms (min)  
 At 13.8 volts single channel 15 watts RMS into 4 ohms (min)  
 Driver Output: Single channel through connection to radio (4 ohm typical)

### PWR 3 Way Power Input Connector

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: 40mA  
 On Current: 200mA

### RAD 8 way Radio/CD/DVD Connector

Supply Output : 11.9 to 13.2 with over voltage crowbar at 16 volts  
 Max Current Supply Max: 2 amps (short circuit proof)  
 AT Voltage: 8.5 to 9.5 volt (AL4 off), 11.7 to 13 volt (AL3 on)  
 Speaker Line Input LH: Differential for AL4 Saloon amplifier  
 Speaker Line Input RH: Driver Speaker is switched off when MIC switch is in **MIX** or **ON**.

### Audio Inputs

**AX1** Line level input 1/8" jack on front panel  
**AX2** Line level input RCA female socket rear  
**AX3** Line level input RCA female socket rear

**AX1, AX2** and **AX3** inputs are selected when Radio/CD/DVD is turned off i.e. AL4 RAD pin 4 AT input is 0 volts.

### Microphones Inputs Rear

**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**.

Microphones are selected by toggle switch– **OFF**, **MIX** and **ON**. **MIX** is combined with all other audio sources. **ON** mutes all other audio sources.

Microphone switch when operated powers up AL4 for 20 minutes when ignition is off.

**Gyross P/L 02 9986 2070 [www.gyross.com.au](http://www.gyross.com.au)**

*Speciation is subject to change without notice due to continued product development.*

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