



AL3.1 Audio Link Specification

Dimensions

Size body: 126mm(W) x 50mm(H) x 126mm(L)
 Front Panel Size: 145mm(W) x 60mm(H)

Operating Temperature Range: -10 to 50 C

PL1 4 Way Speaker Connector

Saloon Output: At 27.6 volts single channel 30 watts RMS into 8 ohms (min)
 At 13.8 volts single channel 17 watts RMS into 4 ohms (min)
 Driver Output: Single channel through connection to radio (4 ohm typical)

PL2 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: 40 volts
 Off Current: 30mA
 On Current: 200mA

PL3 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)
 Clock Voltage: 8.5 to 9.5 volt (AL3 off), 11.7 to 13 volt (AL3 on)
 Speaker Line Input LH: Differential for AL3 Saloon amplifier
 Speaker Line Input RH: Driver Speaker is switched off when MIC switch is in **MIX** or **ON**.

Audio Input Connectors

Front Microphone Inputs: **MIC1** bal dynamic 1/4" jack, **MIC2** Electret 1/4" jack
 Rear Microphone Inputs: **MIC3** bal dynamic 1/4" jack, **MIC4** RCA dynamic

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 AL3 for 20 minutes when ignition is off.

Front **CD** Input: 1/4" jack line level input from Walkman/Ipod– overrides **VCR** input.
 Rear **VCR** Input: VCR/DVD Single Channel Line Level 20K ohm

VCR differential input to avoid earth loops ,VCR/DVD must be earthed to bus chassis.
VCR input is selected when Radio/CD is turned off i.e. PL3 pin 4 ANT input is 0 volts.

Gyross P/L 02 9986 2070

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