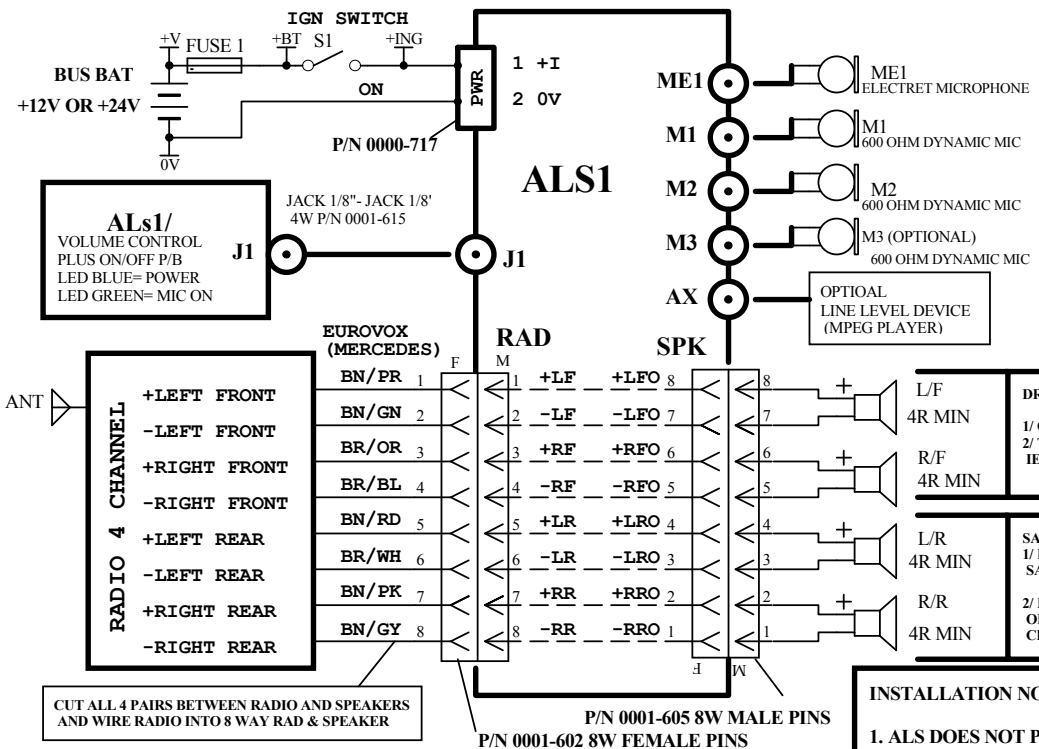



**OPERATION**

**The indicator light will turn BLUE, confirming that ignition power (+I = 12-24 V DC) is present.**

**2. In normal operation, the radio operates through all speakers, including the driver/front speakers and saloon/rear speakers.**

**3. Briefly press the VLS1 volume control switch.**
**The indicator light will turn GREEN. In this mode:**
**a) The driver/front speakers are deactivated.**
**b) Inputs ME1, M1, M2 and AX are activated.**
**c) These inputs operate through the saloon/rear speakers only.**

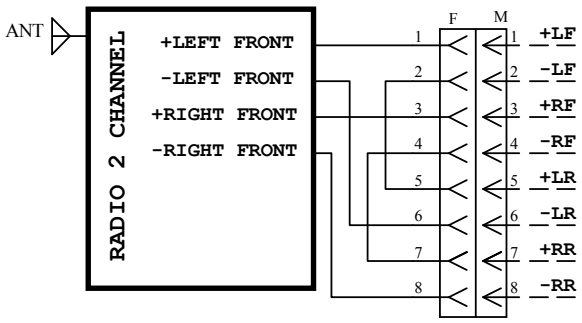
**4.Press the VLS1 volume control switch again to return to normal operation.**
**The indicator light returns to BLUE. In normal mode:**
**a)The radio operates through all speakers.**
**b) Inputs ME1, M1, M2, M3 and AX are deactivated.**

**DRIVERS SPEAKERS (FRONT)-**

**1/ ONLY RADIO CONTENT VIA THESE SPEAKERS**
**2/ THESE SPEAKERS ARE MUTED WHEN SALOON PA IS ACTIVE**
**IE ALS1 GREEN LIGHT IS ON**

**SALOON SPEAKERS (REAR)-**
**1/ BOTH SPEAKER CHANNELS L/R AND R/R MUST BE WIRED FOR**
**SALOON TO WORK FOR PA MICROPHONES.**

**2/ IF ONLY ONE SPEAKER IS INSALLED ( L/R OR R/R ) THAN A 4 OHM (3R9 3W-5W) RESISTOR MUST BE WIRED INTO THE CHANNEL NOT BEING USED**




**INSTALLATION NOTES**

**1. ALS DOES NOT PROVIDE POWER TO THE RADIO.**

**2. The connectors are wired to mirror each other. For example: RAD Pin 1 matches SPK Pin 8, etc.**

**3.WIRE THE ALS IN SERIES WITH THE SPEAKER WIRING.**

**4. If the ALS module needs to be removed, for example when selling the bus or for repair, simply remove the RAD and SPK 8-way connectors from the ALS module and plug them into each other.This restores the system to its original configuration before any speaker wires were cut.This is also a useful way to check that the speaker wiring has been connected correctly.**

**5. The ALS operates on 12-24 V DC.**

**6. ALL RCA MICROPHONE LEADS MUST BE SCREENED TYPE, with a copper screen surrounding the inner core.**

**7. The 3.5 mm (1/8") jack lead must have 4 contacts (4-way) and must also be screened.**
**DO NOT USE A 2-WAY OR 3-WAY 3.5 mm JACK LEAD.**

= CHASSIS OR 0V OR NEGATIVE or GND
CHASSIS

**WARNING: DO NOT USE ALX1 IF BUS HAS USES SPEAKERS FOR REVERSE PARKING ALERTS OR ANY OTHER SAFETY ANNOUNCEMENTS**


**GYROSS P/L**
**www.gyross.com.au**

**ALS1 BLOCK WIRING DIA**
**Original: 15 Sept 2024**
**Revised: 02 Sept 2026**
**File: alsbd1bsch**

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