



**OWNER'S
MANUAL**

TECHNICAL SPECIFICATION

Circuit Topology	Full Range Class-D
RMS POWER OUTPUT 2 OHM	120Wx4CH
RMS POWER OUTPUT 4 OHM	80Wx4CH
BRIDGED RMS POWER @ 4 OHM	240Wx2CH
S/N RATIO REF 1W AT 4 OHM	>90 dB
SENSITIVITY	250MV-8V
FREQUENCY RANGE	10Hz - 45Khz
DIMENSIONS (MM)	160 × 85 × 46



**OWNER'S
MANUAL**



**RS-M4900.4D
4 CHANNEL AMPLIFIER**

IMPORTER COMPANY

REİS ELEKTRONİK SANAYİ VE TİCARET A.Ş

Mahmutbey Mah. Küçük Halkalı Cad.No:9 Bağcılar-İstanbul

INFO : +90 212 447 02 02 - +90 212 659 07 22

www.reissaudio.com.tr

**RS-M4900.4D
4 CHANNEL AMPLIFIER**

HIGH EFFICIENCY POWER AMPLIFIER

CAR AUDIO SYSTEM

**PLEASE READ CAREFULLY BEFORE INSTALLING
OR OPERATED THIS UNIT**

WARNING

Make sure you choose a suitable place to mount the unit. The position should be completely dry with a good circulation of air, and from a mechanical point of view very stable.

www.reissaudio.com.tr

Features

- Class-D digital full range 2ohm stable stereo.
- Applying new concept "Low-Heat Producing Circuit".
- Tri-mode capable.
- Channel design 4/ 3 /2 channels.
- Full MOSFET DC-DC PWM power supply.
- Double sided FR-4 PC Board.
- SMD technology.
- Ni plated RCA input connectors.
- Adjustable Low-Pass, Hi-Pass.
- Ultra slim size.

TECHNICAL SPECS	
RMS Power 4Ohm	80Wx4
RMS Power 2Ohm	120Wx4
RMS Power 4Ohm Bridged	240Wx2
THD	<0.15%
Frequency response	10Hz-45KHz
Signal to noise ratio	>90dB
Sensitivity	250mV-8V
Built-in Fuses	30Ax2
Dimensions (mm)	160x85x46

Power Connections

It is important to have good quality power and ground connections. Remember, to complete an electrical circuit, the ground connection is just as important as the positive power connection. Before any power connections are made, disconnect the ground cable of the battery . Use 8 gauge or larger automotive grade wire if the distance from the battery to the amp is excessive. Avoid sharp or rough edges as a safeguard against short circuiting and potential fire hazards.

GND= Connect the proper gauge ground wire to the amplifier GND terminal. Locate the position on the chassis of the car where the amplifier will be grounded. Use solder or a crimped ring terminal to connect the ground wire pre-drill the prepped chassis to bolt the ground ring terminal with a nut, bolt, and lock washer Insulate the metal and the connector with paint or silicone to prevent rust and oxidation. Silicone also works great to prevent nuts and bolts from working loose in harsh environments of an automobile. Upon completion of the ground connection, grab the wire and connector to confirm the connection is solid. To prevent engine noise, it is recommended to ground the head unit and other electronic audio devices to the same location.

Trouble shooting

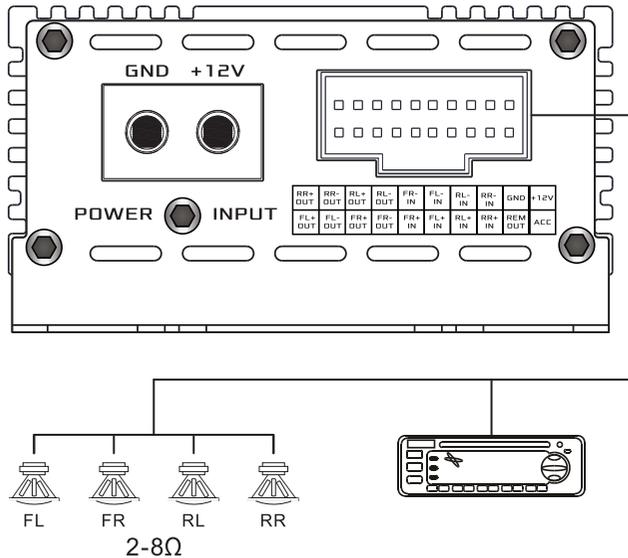
SYMPTOMS	CHECK	REMEDY
NO SOUND	Is the power LED illuminated? (NO)	Check all fuses to amplifier. Be sure turn-on lead is connected Check signal leads. Check gain control. Check Tuner/Deck volume level. Clean contacts on fuse holders.
	Is the Diagnostic LED illuminated?(YES)	Check for speaker short or amplifier overheating.
AMP NOT SWITCHING ON	No power to power wire	Repair power wire or connections.
	No power to remote wire with receiver on	Check connections to radio.
	Burnt or broken fuse	Replace fuse.
NO SOUND, ON ONE CHANNEL	Check speaker leads	Inspect for short circuit or an open connection.
	Check audio leads	Reverse Left and Right RCA inputs to determine if the problem is occurring before the amp.
AMP TURNING OFF MEDIUM/ HIGH VOLUME	Check speaker load impedance	Be sure proper speaker load impedance recommendations are observed. (If you use an ohmmeter to check speaker resistance, please remember that DC resistance and AC impedance may not be the same.)
PROTECTION LAMP ON	Shut down	Turn radio down Wait for AMP to cool
	Speaker wires shorted	Separate speaker wires and insulate

Warning

Investigate the layout of your vehicle before drilling or cutting any holes. Take care when you are working near the gas tank, brake lines, hydraulic lines, and electrical wiring. Do not use the amplifier without security mounting it, as the amp or vehicle may be damaged in the event of an accident. Do not mount the amplifier where the wire connections are unprotected or are subject to pinching or damage from other vehicle components. The 12V power wire must be fused within 18" of the battery . Ensure the source unit is powered off before making any wiring connections. If you need to replace the fuses, use only the same type and size. Using a fuse of a different type or rating may result in damage to the amplifier or vehicle, which will not be covered under the manufacturer's warranty.

Speaker Out Connections

4CHANNEL Speaker connection



FEATURES

1. RCA Audio Input Connection

Using high quality shielded stereo RCA cables, connect the source signal to the amplifier RCA inputs.

2. Level Sensitivity

Adjust the amplifiers pre-amp sensitivity level. The minimum sensitivity level is 6V, while the maximum level is 250mV.

3. Frequency Selector Switch

Choose high pass crossover, low pass crossover, or full range operation.

4. Power Protection Indicator LED

When the amplifier is on and in proper working condition, the green LED will illuminate. Refer to the Troubleshooting Guide for possible solutions if the amplifier will not power on. If the amplifier activates its protection mode, the red led will illuminate. Refer to the Troubleshooting Guide for possible solutions if the amplifier activates its protection mode.

