

SPECIFICATIONS

POWER/WATTS @ 13.8 Volts:

RMS @ 4 ohms stereo 6 X 150
RMS @ 2 ohms stereo 6 X 250
Channels 5 & 6 @ 1 ohm Mono 1000

Idle Current: 1 amp
Signal to Noise Ratio A-Wtd: <103dB
Total Harmonic Distortion: 0.02%
Channel Separation: <80dB
Input Sensitivity: 230mV-5V
Slew Rate: 19V / us
Fuse Rating: 80 amp

Dimensions:

Height: 2.25"
Width: 9.5"
Length: 10.375"

General Information:

Frequency Response: <5Hz to 25KHz +1 / -0 dB
Lowpass Filter: Variable 24db, 60 to 360Hz
Crossover: LP / HP / ALL
Battery Connetors: 4 Gauge
Speaker Connectors: 12 Gauge

HiFi 6150D

Owner's Manual



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INTRODUCTION

At MMATS Pro Audio we are constantly striving to manufacture the best possible products for Car Audio. With the introduction of our all new HiFi 6150D, Sound Quality has just been pushed to a new level. We have put *The Best* of what we know into this amplifier. This is our finest offering we have made since our pioneering of class D back in 1995 to the Car Audio industry. With a Burr-Brown front end and a slew rate of 19v/m second, you will immediately hear the difference in this amplifier.

Congratulations on your purchase and if you have any comments, we would love to hear from you. dthompson@mmatsproaudio.com

FEATURES :

- **Ultra-High Efficiency Full Range Class D.**
- **82% Efficient @ full power 6 channels driven @ 4 ohms. At full power all channels driven into 4 ohms the amplifier will never go into thermal shutdown!!**
- **Burr-Brown Pre-amp section**
- **Adjustable 24db LP / HP Filter.**
- **1% Surface Mount Components.**
- **Computer Optimized Transformer.**
- **3 ounce copper overlay PCB.**
- **Overload and Thermal Protection**
- **3-year manufacturer's warranty when installed by an authorized dealer, 1 year otherwise. No warranties on any MMATS products purchased through the internet.**

CONTROLS AND CONNECTORS

(1) Positive Power Terminal –This is the power feed from the positive (+) terminal of the car's battery. Use **4-gauge** cable (**MINIMUM**) and good quality terminals when routing this connection. Tighten all connections well to prevent power loss due to bad contact. Route the power cable away from the RCA jacks and speaker cables

1) Ground Terminal - For optimum performance, use a **4-gauge** cable **MINIMUM!** Connect this cable to your battery's negative (-) terminal.

Recommended Fuse – 80 amps.

Remote Terminal - The amplifier will turn on when 12 volts is applied to this terminal. This 12-volt signal is usually taken from the Power Antenna or Remote wire coming from the source unit.

Speaker Terminals - Connect to speakers using **16-gauge** wire (minimum). Running too low of a speaker impedance will cause the amplifier to go into a fault condition.

Crossover Filter – Linkwitz/Riley 24db slope. This control sets the 6db down point of your amplifier.

Gain – Allows input levels between 150mV (max gain) and 5 volts (min gain) for full output.