

SilentAngel F1

Silent Angel F1 Linear Power Supply User Manual

Model: F1

1. INTRODUCTION

The Silent Angel F1 Linear Power Supply is engineered to provide an exceptionally stable and low-noise power source for HiFi audio systems. This device is designed for audio enthusiasts seeking to optimize the performance of their music streamers, Digital-to-Analog Converters (DACs), and other sensitive audio components by delivering pure, interference-free power. This manual provides essential information for the proper setup, operation, and maintenance of your F1 Linear Power Supply.

2. SAFETY INFORMATION

- Ensure the power supply is connected to a grounded electrical outlet.
- Do not expose the unit to water, moisture, or extreme temperatures.
- Avoid placing the unit in direct sunlight or near heat sources.
- Do not open the casing; there are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Use only the provided or recommended power cables and accessories.
- Disconnect the power cable from the wall outlet before cleaning or if the unit will be unused for an extended period.

3. PACKAGE CONTENTS

Please check the package for the following items:

- Silent Angel F1 Linear Power Supply Unit
- AC Power Cable
- DC Output Cables (quantity may vary)
- User Manual (this document)

4. PRODUCT OVERVIEW

The Silent Angel F1 is a compact and robust linear power supply designed for high-fidelity audio applications. Its fanless design ensures silent operation, contributing to a pristine listening environment. The unit features multiple DC outputs to power various components simultaneously.



Front view of the Silent Angel F1 Linear Power Supply, showcasing its minimalist design and the Silent Angel logo.

PRODUCT DETAILS



Almost
Noiseless



CNC
Panel



Efficient



Simultaneous
connection

Diagram illustrating the dimensions of the Silent Angel F1 (6.1 x 4.5 x 2.3 inches) and highlighting features like noiseless operation, CNC panel, efficiency, and simultaneous connection capability.

4.1 Key Features

- **Low-Noise Linear Power:** Provides a stable, clean power output to enhance audio quality.
- **HiFi-Grade Components:** Built with precision to reduce interference and improve sound clarity.
- **Compact Design:** Integrates seamlessly into any audio setup.
- **Fanless Operation:** Ensures a completely silent experience.
- **Dual DC Outputs:** Supports simultaneous connection of multiple devices.

BARELY NOTICEABLE NOISE

Fanless design gives you a noiseless experience



Close-up of the advanced fully symmetrical circuitry within the Silent Angel F1, which improves power output accuracy and stability.

FASTER



EFFICIENT TOROIDAL SYMMETRICAL TRANSFORMERS

Internal view of the Silent Angel F1, showing the efficient toroidal symmetrical transformers designed for stable power delivery.

5. SETUP

Follow these steps to set up your Silent Angel F1 Linear Power Supply:

1. **Placement:** Place the F1 on a stable, flat surface with adequate ventilation. Ensure it is not obstructed by other components.
2. **AC Power Connection:** Connect the provided AC power cable to the AC INPUT port on the rear of the F1 and then to a suitable wall outlet.
3. **DC Output Connection:** Use the provided DC output cables to connect the F1's DC OUTPUT ports to your HiFi components (e.g., music streamer, DAC). Ensure the correct voltage and polarity are matched for your devices. The F1 provides dual 5V DC outputs.
4. **Power On:** Flip the power switch on the rear panel to the 'ON' position. The unit should power on.

CONNECTION METHOD

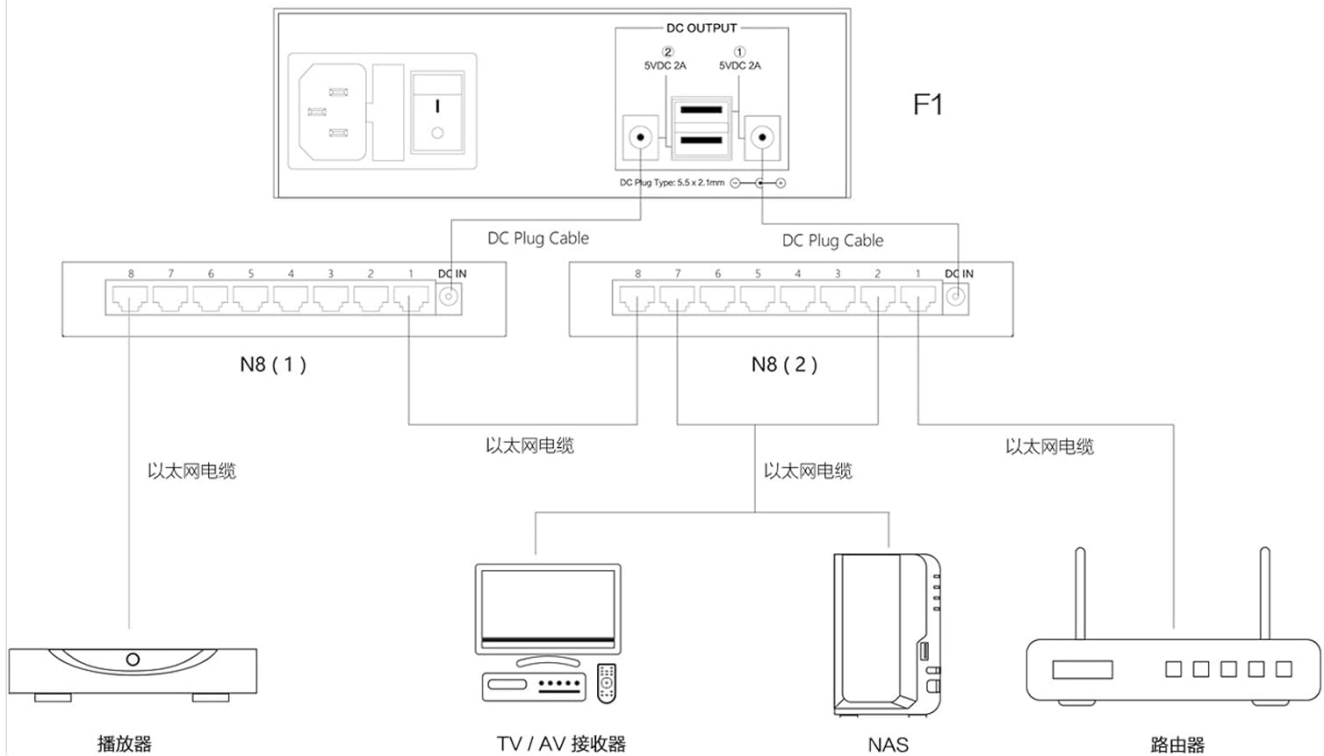
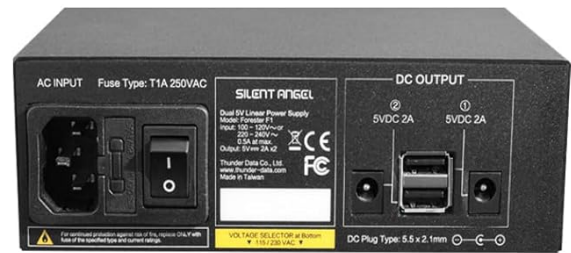


Diagram showing the connection method for the Silent Angel F1, illustrating how to connect AC input and DC outputs to various HiFi components like streamers, DACs, and routers.

6. OPERATING

The Silent Angel F1 is designed for straightforward operation. Once connected, it continuously provides clean, stable power to your connected devices.

- **Power Switch:** Use the main power switch on the rear panel to turn the unit on or off.
- **Silent Operation:** The F1 features a fanless design, ensuring that it operates without generating any audible noise, which is crucial for sensitive audio environments.

ADVANCED FULLY SYMMETRICAL CIRCUITS

Symmetrical circuitry improves power output accuracy while ensuring a stable power supply.



Image demonstrating the fanless design of the Silent Angel F1, emphasizing its barely noticeable noise level, suitable for quiet environments.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your F1 Linear Power Supply.

- **Cleaning:** Gently wipe the exterior of the unit with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Ventilation:** Ensure that the ventilation openings are not blocked to allow for proper heat dissipation.
- **Cable Management:** Keep power and DC cables organized and free from kinks or excessive tension.

8. TROUBLESHOOTING

If you encounter issues with your Silent Angel F1, refer to the following common troubleshooting steps:

- **No Power:**

- Check if the AC power cable is securely connected to both the F1 and the wall outlet.
- Ensure the power switch on the rear panel is in the 'ON' position.
- Verify that the wall outlet is functioning correctly by plugging in another device.

- **Connected Device Not Powering On:**

- Confirm that the DC output cable is securely connected between the F1 and your device.
- Ensure the connected device requires 5V DC input and that the DC plug type is compatible (5.5 x 2.1mm).
- Test the connected device with its original power supply, if available, to rule out issues with the device itself.

- **Unusual Noise:**

- While the F1 is designed to be silent, if you hear any unusual sounds, disconnect power immediately and contact support.

If the problem persists after trying these steps, please contact Silent Angel customer support.

9. SPECIFICATIONS

Feature	Specification
Product Dimensions	6.1 x 4.5 x 2.3 inches
Item Weight	6 pounds
Model Number	F1
Brand	SilentAngel
Compatible Devices	HiFi Streaming Systems, DACs, Laptops, Projectors
Connector Type	DC PLUG*2 (5.5 x 2.1mm), USB Type-A*2
Output Wattage	5 Watts (per DC output)
Maximum Input Voltage	240 Volts (AC)
Cooling Method	Air (Fanless)
Number of Connectors	4 (2x DC, 2x USB Type-A)

10. WARRANTY AND SUPPORT

10.1 Warranty Information

The Silent Angel F1 Linear Power Supply comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product functions as intended under normal use. Please retain your proof of purchase for warranty claims.

10.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Silent Angel customer support. Our professional after-sales service team is available to help resolve any issues you may

encounter.

For more information, visit the official Silent Angel website:silentangel.com/f1/

