



Version 1.0

SAMPLE & HOLD

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1. Introduction

Welcome to the **SAMPLE & HOLD** module! Thank you for choosing this module for your synthesizer setup. This manual will guide you through the setup, operation, and maintenance of your new module to ensure optimal performance and longevity.

2. Safety Information

- Read this manual carefully before using the module.
 - Do not expose the module to moisture, heat, or direct sunlight.
 - Ensure the correct power supply connections to avoid damage.
 - Handle with care to avoid damage to internal components.
 - Keep out of reach of children.
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3. Package Contents

Upon opening the package, please check that the following items are included:

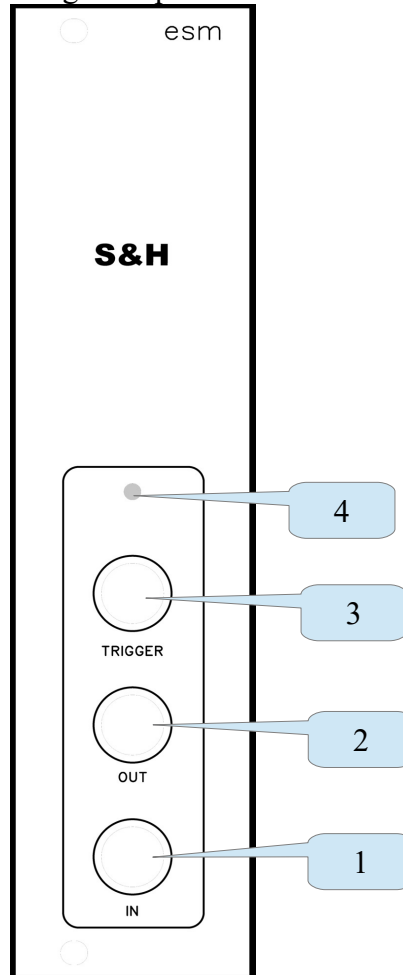
- **SAMPLE & HOLD Module**
- **Power Cable**
- **Mounting Screws**
- **User Manual**

If any items are missing or damaged, contact your retailer immediately.

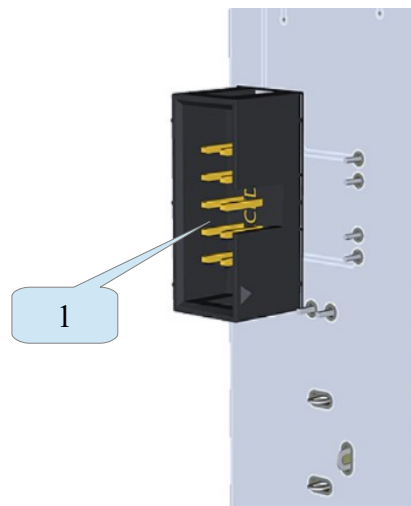
4. Device Overview

Front Panel

- **1-Input Jack** – For receiving input signals.
- **2-Sample Output** – Outputs the sampled signal.
- **3-Gate Input** – Triggers the sample and hold process.
- **4-Gate Led**-Lights up when a gate signal is present.



Rear Panel



- **1-IDC Power Connector** – For connecting to the Eurorack power bus.

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5. Setup Instructions

1. Turn off your synthesizer or power supply.
 2. Connect the module to the power bus using the included power cable.
 3. Secure the module into your Eurorack case using the provided screws.
 4. Double-check all connections before turning the power back on.
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6. Operating Instructions

Basic Operation:

1. Connect an audio or CV signal to the **Input Jack**.
2. Use the **Gate Input** to initiate the sampling process.
3. Monitor the output through the **Output Jack**.

Tips for Use:

- Use a low-frequency oscillator (LFO) for dynamic sampling effects.
 - Experiment with different trigger sources to create complex rhythmic patterns.
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7. Maintenance and Cleaning

- Clean the front panel with a soft, dry cloth.
 - Avoid using harsh chemicals or abrasive materials.
 - Regularly inspect power connections for dust or debris.
 - Store the module in a cool, dry place when not in use.
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8. Troubleshooting

Issue	Possible Cause	Solution
No output	Incorrect power connection	Check power cable and connection
Signal distortion	Overloaded input signal	Reduce input signal level
No response to trigger	Faulty trigger source	Test and replace trigger source

9. Technical Specifications

- **Output Voltage:** 0V to +5V
- **Power Consumption:** [0.080Amp]
- **Dimensions:** [Eurorack 6HP]

10. Warranty and Support

- Visit our website at: www.esmsoundsystems.com
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