

# SilentPower HDMI iSilencer

## HDMI Noise Filter with Surge Protection



### Overview

The HDMI iSilencer is a compact device designed to significantly improve video and audio clarity by reducing electronic noise and providing surge protection for HDMI-connected equipment, making it ideal for Pro AV and Custom Installation applications. It utilises active noise cancellation and jitter elimination ensuring pristine signal transmission for professional installations and advanced AV systems.

### Key Features

- **Active Noise Cancellation II (ANC2):** Removes incoming noise and interference, eliminating visual artifacts.
- **Jitter Elimination:** Reduces timing errors at the conversion stage, improving contrast and colour accuracy.
- **Surge Protection:** Suppresses excess voltage using Transient Voltage Suppression (TVS) to shield connected components from power spikes, lightning strikes, and electrostatic discharges.
- **Pure Passthrough:** Supports seamless transmission for Ultra HD/HDR 8K/60Hz, 4K/120Hz, HDMI 2.1, and all previous HDMI versions.

- **Military-grade PCB:** Incorporates audiophile-grade circuitry for optimal reliability.

### Key Benefits & Applications for Pro AV/Custom Installation

- Provides noise-free, high-definition AV signal transmission essential for professional AV installations.
- Protects expensive equipment from surge and transient voltage, prolonging lifespan and safeguarding critical infrastructure.
- Enhances video and audio performance in home theatres, conference rooms, digital signage, and commercial AV setups.
- Simplifies integration as a plug-and-play solution for both new installations and existing systems, ensuring broad compatibility and reliability.

### Technical Specifications

- **Electrical characteristics**
  - Input: HDMI Male
  - Output: HDMI Female
  - PCB: Military-grade printed circuit board with audiophile components
  - HDMI Compatibility: HDMI 2.1 and all previous HDMI versions
  - Resolution Supported: 8K/60Hz, 4K/120Hz Ultra HD HDR
  - Voltage rating: 5V, Max 6.3V/1A
- **Physical characteristics**
  - Dimensions: 51 x 24 x 10 mm (2.0 x 0.9 x 0.4")
  - Weight: 11g (0.39 oz)
  - Limited warranty: 12 months

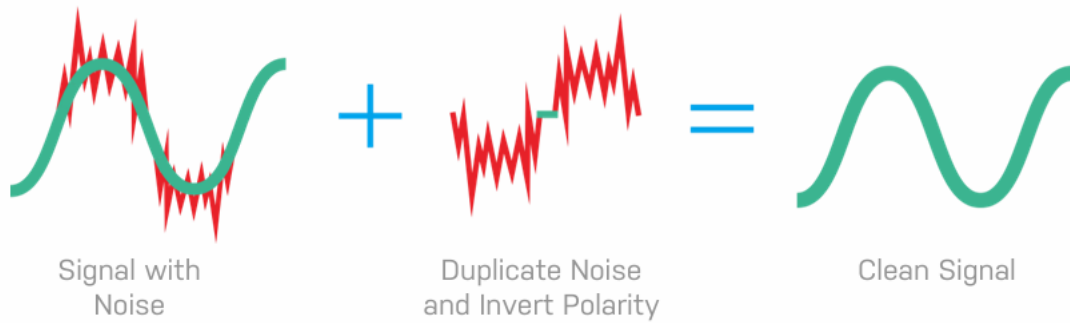
### Contact Us

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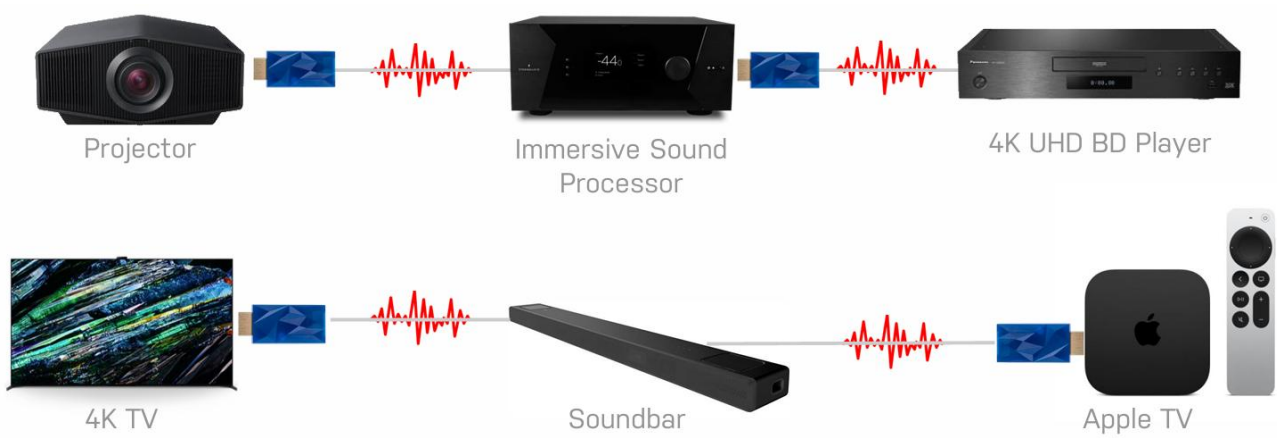
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## Active Noise Cancellation 2 technology



### Typical Chain



### Recommended chain

