



**Pureformer™**  
Stereo Isolation Transformer  
User Guide

**JK Audio**

# Welcome

## Thank You

Thank you for purchasing the JK Audio Pureformer™. Please read this guide for instructions on using it.

## Getting Assistance

If you have technical or application questions:

In the US & Canada, call us toll free at: **800-552-8346**

All other countries dial: **815-786-2929**  
(M-F 8:30-5:00pm Central Time Zone)

Email us at: [support@jkaudio.com](mailto:support@jkaudio.com)

Or, check out our FAQ section for answers to common questions.

## Limited Warranty

Pureformer is covered by a 2 year warranty to be free from defective workmanship and materials. To obtain service, contact JK Audio by phone or email for return authorization. Once authorized, you will carefully pack and ship the faulty product and all accessories to us. You will pay for shipping to us and we will pay for return back to you.

This warranty does not cover damages due to accident, weather, fire, flood, earthquake, misuse, unauthorized repairs or modifications, or damages occurred in shipping, only defective workmanship or materials.

**There are no expressed or implied warranties which extend beyond the warranty here made.**

## Contents

Overview	1
FAQs	2
Technical Information	3

**Note:** While Pureformer was designed to be very rugged and durable, it is not waterproof and care should be taken to keep the unit dry.

## Features

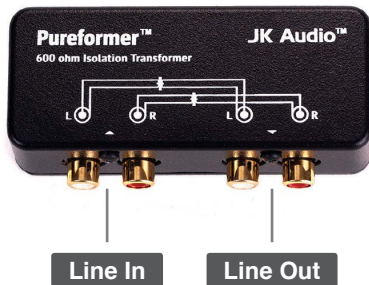
---

Just Insert Between your Sound Card and your Audio Mixer or Amplifier

---

High-Quality, Low-Distortion, 600 ohm Audio Transformers

---



### Introducing Pureformer

The Pureformer provides hum and noise reduction for sound cards and audio equipment, and removes ground loops and DC paths that can cause hum and signal breakup.

### Isolate the Problem

The Pureformer isolates the electrical grounds of two pieces of audio equipment. This is especially important in the case of computer audio cards connected to high quality/low noise audio equipment. The computer electrical ground is often filled with noise from disk drive activity and data transmission.

Many audio cards use the same electrical ground for the computer and the audio signal. When the computer audio card is connected to your studio equipment, the electrical noise from the computer can leak into the rest of your audio system. The Pureformer completely isolates the electrical ground of the two systems and only allows audio signals to pass through. Pureformer cannot remove noise once it has been mixed with the audio signal, so it is important to find and treat the source of each problem.

## FAQs

### **Will the Pureformer eliminate the 60 cycle AC hum I have on my recordings?**

No. The Pureformer cannot remove noise after it has already entered the audio signal. It will only prevent noise from entering before the recording takes place.

## Specifications

---

### Line In

---

RCA: 600 ohms, 250 mV RMS (-10 dBu nom)

---

### Line Out

---

RCA: 600 ohms, 250 mV RMS (-10 dBu nom)

---

### Misc.

---

Frequency Response: 20 Hz-20 kHz,  $\pm 0.1$  dB

---

Insertion Loss: 0.8 dB

---

Size: 3.6" x 1.8" x 1.3" (9.2 x 4.6 x 3.3 cm)

---

Weight: 5 oz

---

**Pureformer™**

Stereo Isolation Transformer



**User Guide Version 5/25/16**

JK Audio, Inc.

1311 E 6th St.

Sandwich, IL 60548

United States

Telephone: 815.786.2929

Toll Free: 1.800.jkaudio

Fax: 815.786.8502

[www.jkaudio.com](http://www.jkaudio.com)

© 2016 JK Audio, Inc. All rights reserved.

**JK Audio**