

ISOLATION TRANSFORMER for Video

"Get rid of those ground loops!"



Eliminates shock hazard. Protects from bad power: lifted grounds, high volts on ground leads, tingling of the chassis, etc. Gets rid of "hum bars," double images and noise in picture caused by ground loops. Eliminates audio hum and buzz. 75Ω in and output.

No more ground loops or dangerous currents flowing between any two gadgets plugged into AC at different locations. Keep between camera and video system and never get shocked. Insert between monitors that run on different (dirty) grounds and don't get noise or other garbage in the picture. Isolate yourself from dirty remote controlled camera heads or poorly installed equipment. Insert the iso-transformer in the cable as close as you can to your system input. This iso-transformer is better than a Hum-bucker:

- This Isolation transformer breaks the DC connection between the video grounds at its input and output.
- The transformer's superior common mode rejection gets rid of virtually all induced noise currents from cables.
- **Perfect to isolate video assist from camera or DIT cart or Sound mixer on un known AC circuits with dubious grounds.**

A Hum-bucker only suppresses 60Hz at a low level. If voltage is over a few volts, Hum-buckers are ineffective. Hum buckers never isolate grounds, Cat 5 boxes if properly wired do.

A must have safety and convenience device for any video engineer. Other manufacturers make similar devices but they are of low quality. This is a fully broadcast quality component designed and engineered by the top transformer manufacturer in the world, Jensen Transformer Inc. The iso-transformer is totally passive; it needs no power to operate.

Manufacturers page: <http://www.jensentransformers.com/datashts/vb1bb.pdf>

Stuff to read http://www.jensen-transformers.com/apps_wp.html

Troubleshooting guide http://www.jensen-transformers.com/an/ts_guide.pdf

Some relevant gear http://www.jensen-transformers.com/iso_aud.html

Interesting answers <http://www.jensen-transformers.com/faqs.html>

Application note <http://www.audioxpress.com/reviews/media/AE600HA.pdf>

A great lecture <http://www.695.com/html/edu-vid-gr-loops.html>

Another perspective <http://www.vac-brick.com/synctimes.asp>

Price: \$ 100.00

This document: http://wolfvid.com/datasheets/Isolation_Transformer.pdf

and check out http://wolfvid.com/datasheets/DA_mini.pdf **Available in August 2010**