

Order No. R800 1031 00



The Radial IceCube™ is a balanced line isolator that is used to eliminate hum and buzz caused by so-called ground loops and stray DC current. Normally placed at the input or receive end of an audio connection, the IceCubes' high performance audio transformer inserts a galvanic bridge that disconnects the input from the output to block stray currents that cause noise in audio systems. The IceCube features an all-steel enclosure for extra durability as it protects against external electro-magnetic fields, ultra-thin glass-filled nylon XLR connectors at each end and a set & forget ground lift switch. Inside, a custom made Eclipse transformer is flat from 20Hz to 30kHz and able to withstand signal levels to +15dB without choking. This makes the IceCube a terrific choice for music playback and voice for AV professionals, concert systems, and general purpose noise elimination in balanced audio

Features

- Eclipse transformer for ruler flat response
- Able to handle signal levels to +15dB
- Steel enclosure protects against magnetic fields
- Locking XLR will not accidentally disconnect

Benefits

- Eliminates hum and buzz in balanced systems
- Will not deteriorate the audio signal path
- Compact – fits inside any work kit
- Rugged, will keep on working under stress!

Cool Stuff

- Super affordable
- 'Plug & play' easy to use
- Eliminates costly trouble shooting

Dimensions (W x D x H)

- 4.2" x 1.32" x 1.6" (107mm x 34mm x 41mm)
- Made in Canada, with pride!
- 3 Year transferable warranty

Main Competition

The primary competition for the Radial IceCube comes from Lundahl and Sescom. These Isolators show significantly more harmonic distortion, are not as linear throughout the audio range and introduce serious phase distortion. Once the sound is distorted, you cannot fix it in the mix!

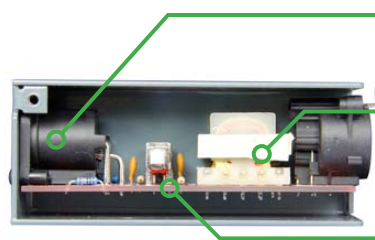
Specifications	IceCube	Lundahl	Sescom
Harmonic Distortion at 20Hz	0.001%	0.01%	0.1%
Phase shift at 20Hz	0°	0°	20°
Construction	Steel	Steel	Plastic



XLR FEMALE - Balanced input with locking XLR connects from the device you would like to isolate.
NO SLIP PAD - Provides electrical and mechanical isolation and keeps the unit from sliding around.



GROUND LIFT - Disconnects PIN-1 on the XLR output to eliminate hum and buzz created by ground loops.
XLR MALE - Balanced output connects to your PA or recording system.
ENCLOSURE - Tough 16-gauge steel case for reliability on the road. Protects the audio circuit from electromagnetic and radio interference.



HD JACKS - Heavy duty glass reinforced nylon XLR connectors are bolted to the steel case for durability.
TRANSFORMER - Isolates the audio between the input and output to eliminate hum and buzz.
RF FILTER - Passive filter blocks radio frequency interference from bleeding into audio lines.

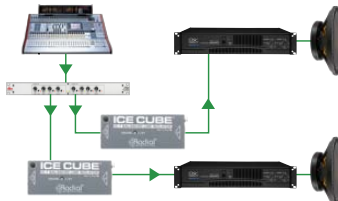
Isolating the DJ mixer from a console

Plug a couple of IceCubes in between the DJ mixer and the main PA to rid the system from hum or buzz caused by ground loops. Standard XLR connections make it easy.



Isolating a crossover from a power amp

Eliminating noise problems can take hours of troubleshooting. The IceCube takes the hassle out of the equation with a plug and play solution that works every time.



Isolating a console from a remote tower

When distant power systems power equipment it often leads to noise, due to voltage fluctuations and ground contamination. The IceCube isolates the system to reduce noise

