



www.bantamcleanpower.com

Patented Technology that Protects
Line, Neutral and Ground

**Pro
Series**

Bantam Applications

Personal & Professional Audio

Symptoms:

Professional recording artist Earl Talbot's recording studio was struggling to separate the sound layers he wanted from the "ghost in the machine", spending too much time tweaking EQ, effects and gates trying to mask sonic faults. Earl also had several older pieces of equipment he wasn't using because of audible noise issues.

Cause:

Many devices that share common power lines share disruptive transients, noise and harmonics among each other. In addition, audio and video equipment are especially susceptible to ground loops that occur when there is more than one ground connection path between two devices, via data cables, audio cables, chassis grounds, or poor wiring. This allows a different ground potential between connected equipment, and unmatched grounds result in unmatched voltages, creating noise and harmonic distortion in the form of audible hums or video impurities. Cables and cords over 6 feet long act as antennas, "receiving" any errant TV, Radio, cell phone, microwave signal in the form of EMI and RFI that happens along.

Cost:

Earl and his technicians were spending too much time and effort trying to find the source of the interference or masking it in his recordings. The quality of the output was not up to Earl's demanding standards.

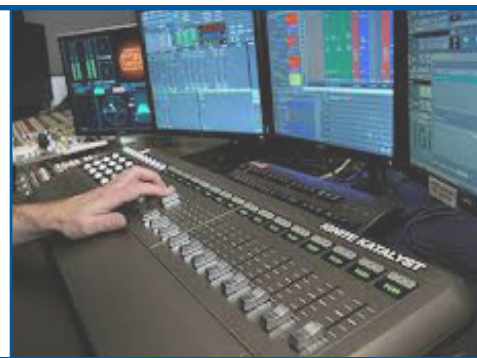
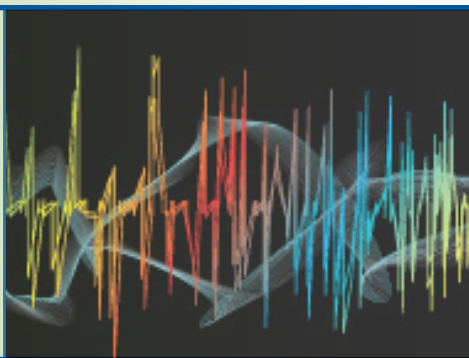
Solution:

Bantam technology was used to condition and filter the power going to and from his instruments and recording equipment. Transients, noise, harmonic distortion, EMI and RFI were removed. Because Bantam's patented technology also conditions and balances the ground, it eliminated ground loop abnormalities.

Savings:

The ghost in the machine disappeared, along with the hums, crackles and pops. The sound was pure and crisp. Earl also found favorite "seasoned" instruments and devices sounded like they were brand new.

**Surge Protection ● Power Conditioning & Filter ● Stable Ground Reference
Harmonic Attenuation ● Power Factor Correction ● Hacker Protection**



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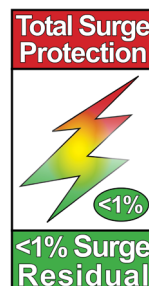
The ideal Power Conditioner for personal and professional audio equipment. Absorbs transients, EMI & RFI frequencies responsible for audible noise. Reduces harmonic distortion, hum, crackle, and pop. Patented circuit filters Line, Neutral and Ground, effectively eliminating ground loop issues.



Bantam Vanguard PP18004 120V 15 amps

Input Voltage:	110-120 VAC Single Phase
Output Voltage:	110-120 VAC Single Phase
Outlets:	Four (4) filtered NEMA 5-15R outlets
Output Current:	15 amps
Nominal Frequency:	50 to 60 Hz
Circuit Protection:	15 amp thermal breaker, push-to-reset
Safety Standard:	MET Listed to UL and cUL Standards

Portable and compact, the 15 amp Vanguard packs incredible Power Conditioning and Surge Protection Technology in a small affordable package.



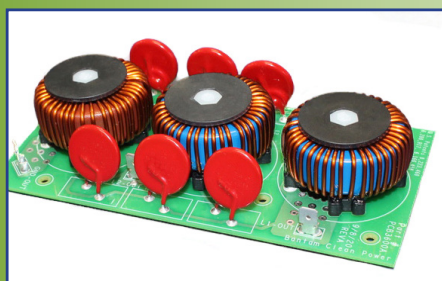
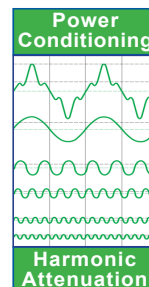
Bantam Citadel RM1440 120V 15 amps

Input/Output Voltage:	110-120 VAC 60 Hz, Single Phase
Outlets:	Six (6) filtered NEMA 5-15R outlets Two (2) IEC 320 C13 outlets, adapters included.
VA Rating:	1440VA 50 to 60 Hz

Bantam Citadel RM2880 220V 15 amps

Input/Output Voltage:	220-240 VAC 60 Hz, Single Phase
Outlets:	Eight (8) filtered IEC 320 C13 outlets
VA Rating:	2880VA 50 to 60 Hz
Regulatory Compliance:	UL 62368-1
Circuit Protection:	Thermal breaker, push-to-reset
Color LCD Display:	Real Time Display For: Surge Count, Voltage, Current, Frequency, Wattage, Power Factor

Available in 120 or 220 volts, the versatile and effective, 15 amp Citadel can be rack, floor or wall mounted. Essential protection for computers, servers, test equipment, security, POS, controllers, audio



Bantam Tempest SA3600 100-240V 15 amps

Input/Output Voltage:	100-240 VAC Single Phase
Max Wattage:	3600 50 to 60 Hz
Output Current:	10-15 amps.
Input/Output Connections:	3 each 0.25" QC Spade Connectors
Regulatory Compliance:	UL 62368-1, CE

This Bantam Patented Circuit is UL Component Listed so OEMs can include superior surge and power conditioning in a wide variety of products.

**Surge Protection ● Power Conditioning & Filter ● Stable Ground Reference
Harmonic Attenuation ● Power Factor Correction ● Ground Infiltration Protection**