



# DTK-HT1000

## *Home Theater Power Conditioner General Product Specifications*



### **Give your home theater customers the *power and control* they deserve.**

DITEK's DTK-HT1000 Home Theater Power Conditioner ensures the best possible home theater video quality and audio clarity. The HT1000 filters all extraneous noise that enters through power lines, providing clean power to audio and video components.

### **Clean Power is essential – the HT1000 delivers!**

Electromagnetic and Radio-Frequency Interference is the chief cause of poor video quality, “muddy” sound, and unsatisfying home theater experiences. Clean power from the DTK-HT1000 to components allows video projectors and LCD screens to deliver rich, vibrant, clear images, without annoying picture dropouts or static. Interference-free audio sounds clear, with every note defined, without clicks or humming. The HT1000's isolated, filtered outlet banks eliminate EMI/RFI and prevent “cross-contamination” between A/V components.

### **Control and Protection – the HT1000 delivers!**

The DTK-HT1000 features remote-capable, controlled startup and shutdown of its outlet banks to ensure that A/V components are turned on and off in the right order, every time. Surge protection on AC power, coax video, network and telephone lines keeps equipment safe, while the HT1000's under/overvoltage shutoff feature guards against power supply damage.

### **Home Theater Power, Control and Protection: DITEK's DTK-HT1000 has it all!**

## **DTK-HT1000**

### **Product Features**

- 12 outlets in 6 isolated AC outlet banks. Up to 70dB of EMI/RFI filtering reduces or eliminates video artifacts, hums and noise caused by “dirty” power, allowing each component to operate at peak performance
- Separate amplifier bank, with delayed ON/OFF function, eliminates speaker ‘thump’
- Each outlet bank is individually programmable for remote activation and 5, 10 or 15-second turn-on/off delay
- Always-on, front-mounted convenience outlet allows quick connection of iPod®, camcorder, digital camera
- LCD display monitors input voltage, output current, delay settings, remote trigger status, and wiring integrity
- AC, DC triggers enable remote operation and controlled system turn-on/shutdown
- Phone line protection is included for TiVO®, DirecTV®, or Digital Cable
- CAT5 network protection for Media Center PCs
- Four coaxial video lines (Cable/Satellite) are protected
- Rack mount kit allows installation in standard rack or custom cabinet





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Dimmable LCD  
Status Monitor



Front-mounted  
convenience  
outlet

### Specifications

	DTK-HT1000
<b>Electrical Rating:</b>	120VAC @ 60Hz, 15 Amps
<b>UL 1449 Suppressed Voltage Rating:</b>	330V L-N, L-G, N-G
<b>Peak Surge Current Capacity:</b>	370,000 Amps / 7100 Joules
<b>AC Protection Modes:</b>	L-N, L-G, N-G
<b>EMI/RFI Filtering:</b>	Banks 1-5: up to 70dB, 150kHz – 100MHz
<b>Overvoltage Disconnect:</b>	137VAC
<b>Undervoltage Disconnect:</b>	92VAC
<b>Service/Clamping Voltage – Video:</b>	50V / 75V
<b>Protection Modes – Video:</b>	Center Pin – Shield, Shield – Ground
<b>Peak Surge Current – Video:</b>	20,000 Amps / 385 Joules per connection
<b>Bandpass / Impedance – Video:</b>	0Hz – 2GHz / 75Ω
<b>Service/Clamping Voltage – Telco:</b>	110V / 150V
<b>Protection Modes – Telco:</b>	Tip – Ground, Ring – Ground
<b>Peak Surge Current – Telco:</b>	8,000 Amps / 150 Joules
<b>Service/Clamping Voltage – Network:</b>	<5V / 8V
<b>Protection Modes – Network:</b>	Pin – Pin
<b>Peak Surge Current – Network:</b>	60 Amps per pair
<b>DC Trigger Input Rating:</b>	3V – 30VDC, 10mA
<b>DC Trigger Output Rating:</b>	12VDC
<b>Weight:</b>	16 Pounds, 7.3kg
<b>Dimensions:</b>	17.1" x 13" x 3.5" (430 x 330 x 89mm)
<b>Warranty:</b>	Three years materials & workmanship
<b>Connected Equipment Protection Policy:</b>	\$150,000