FURUTECH
PURE TRANSMISSION

ENCF®

User Manual

e-TP60E NCF

HIGH END GRADE POWER DISTRIBUTOR

AC POWER DISTRIBUTOR + GC-303

In order to use this product in correct and safety

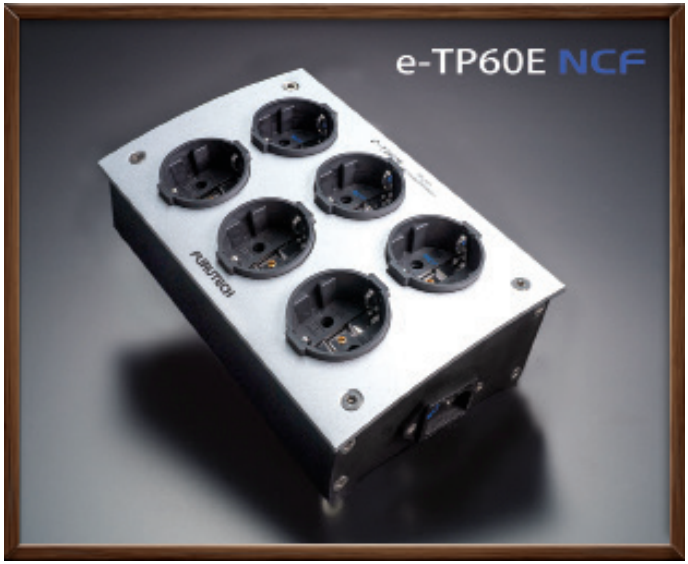
- Please be assured to read the specification carefully before using. Marking it to reach the best function.
- If you found the specification is different with the real product, please in accordance with the actual product.

Caution

- This product is not a lightning rod, therefore is not designed to protect the house, antenna, electrical wires from being struck by lightning, not to prevent the surge from being over the limit.
- To avoid the damages to peripheral equipment when using this product, it is necessary that the electric voltage be kept at normal level.
- When the peripheral equipment is connect to this product, follow the instructions of that equipment to ensure the voltage level is normal and be sure the voltage switch is at proper position.
- This product needs to be properly grounded in order to protect the equipment from a surge and be enhance the capability of reducing noise.
- If this product is not grounded, pay special attention to polarity. Should light electric shock occurs (it is not dangerous if extremely small amount of electricity power leaks,) reverse the polarized plug.
- Do not use this product in the vicinity of high temperature, soiled areas, or damped areas.
- Do not connect this product to a heat-generating device, such as heaters.

e-TP60E NCF

High End Grade Power Distributor



Features

- High end performance NCF SCHUKO sockets FI-E30 NCF.
- Socket insulated with RoHS compliant special audio grade nylon/fiberglass with a special anti-resonance nano-sized crystalline, piezo ceramic particles and carbon damping material body with special anti-resonance nano-sized crystalline “NCF” material for improved vibration damping.
- Furutech’s Top high-end audio grade IEC inlet FI-06 NCF(R)
- IEC inlet FI-06 NCF(R): α (Alpha) Pure-Copper Rhodium-plated Conductor / Body materials:
  Nylon/fiberglass with special “NCF” anti-resonance damping material - nano-sized crystalline, piezo ceramic particles and carbon powder.
- Formula GC-303

Nano Crystal² Formula (NCF).

Incorporated into selected Furutech products, NCF features a special crystalline material that has two 'active' properties. First, it generates negative ions that eliminate static. Second, it converts thermal energy into far infrared. Furutech combines this remarkable material with nano-sized ceramic particles and carbon powder for their additional 'piezoelectric effect' damping properties. The resulting Nano Crystal² Formula is the ultimate electrical and mechanical damping material. Created by Furutech, it is found exclusively in Furutech products.

The e-TP60E NCF is a high end power distributor that eliminates many common problems found with audio and video components caused by massively contaminated electrical power.
The AC waveform becomes severely distorted by ground noise, voltage spikes and sags, high frequency power supply noise from other components in your own system, plus radiated high frequency digital noise from processors and digital interconnects.
There are also distortion products at the top and bottom of the AC waveform created by switch-mode power supplies in electronic devices on the same circuit. Additionally, you're never alone; your residential AC mains supply is shared with other apartments, homes, and businesses on the same utility transformer. That's why many audio and video enthusiasts notice their systems are more enjoyable late at night or on weekends!

The beautifully crafted special grade aluminum chassis effectively shields against another common problem, RFI (Radio Frequency Interference), and a layer of Formula GC-303 blocks EMI (Electro Magnetic Interference).
Internal wiring is FURUTECH μ-14 wire (14 AWG) that guarantees low resistance. Furutech High End Quality Audio Grade SCHUKO Chassis Sockets FI-E30 NCF are wired to the IEC AC input of the e-TP60E NCF. IEC inlet FI-06 NCF(R): α (Alpha) Pure-Copper Rhodium-plated Conductor / Body materials: Nylon/fiberglass with special "NCF" anti-resonance damping material - nano-sized crystalline, piezo ceramic particles and carbon powder. SCHUKO Chassis Sockets feature rhodium-plated pure copper, non-magnetic conductors for stable, long lasting, optimized power transfer.

Furutech's Two-Stage Cryogenic and Demagnetization Alpha Process

Using cutting-edge technology and materials, Furutech developed a low-temperature two-stage process that significantly improves every facet of audio and video performance. The treatment begins during the manufacturing process with a deep, conditioning cryogenic freeze of all metal parts. Using high-end refrigerants -- liquid N2 or He -- Furutech achieves temperatures of between -196 to -250°C. The treated parts actually change their molecular structure at these extremes of temperature relieving internal stress. The molecules bond together more tightly, and the overall structure becomes more stable. This improves electrical conductivity and so power and signal transfer.

Step two in the Alpha Process exposes these same parts to the patented Ring Demagnetization treatment. Ordinary high-power magnets used for this purpose often increase magnetic effects; they leave some areas more magnetized than others. This patented process uses controlled attenuation to completely eliminatemagnetization for immediately more vivid and colorful improvements. Ring Demagnetization further enhances conductivity of all treated materials.

All metallic parts used in Furutech products go through the Alpha Process treatment to keep all connectors, conductors, and metal parts in a perfect stress-free, stable and highly conductive state.

Formula GC-303

GC-303 is a special material Furutech bonds to the interior bottom-plate of the chassis (see illustration below) that absorbs any EMI (Electromagnetic Interference) noise that may be transmitted through your power source or generated by the internal fittings of the unit.

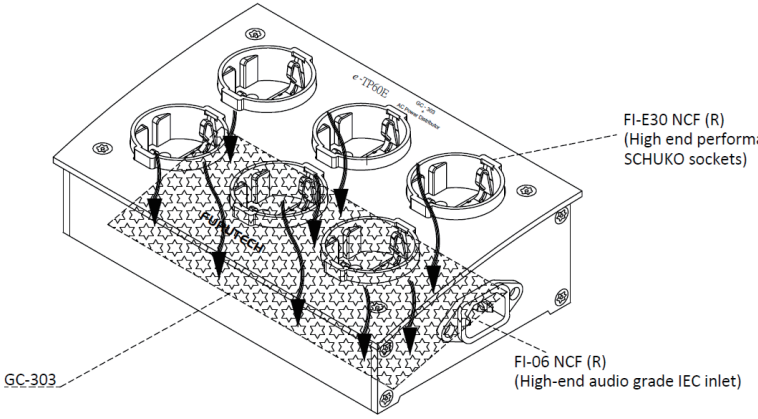
The Final Result

The 2-Step Alpha Cryogenic and Demagnetizing Process works in tandem with other designed-in features to create the most optimized AC power transfer possible. Furutech's scientific outlook, total awareness and devotion to detail results in a greater sense of power, dynamics, and resolution, with cleaner, blacker backgrounds and a larger, more stable soundstage, vivid tonal colors and deeper extension at both ends of the frequency range. The e-TP60E NCF will allow the delicacy, refinement and nuance of a performance through, along with micro- and macro-dynamics that will leave you breathlessly engaged. Displays of all types will exhibit greater, sharper resolution with less ghosting, color shift, "snow", or vertical and horizontal lines.

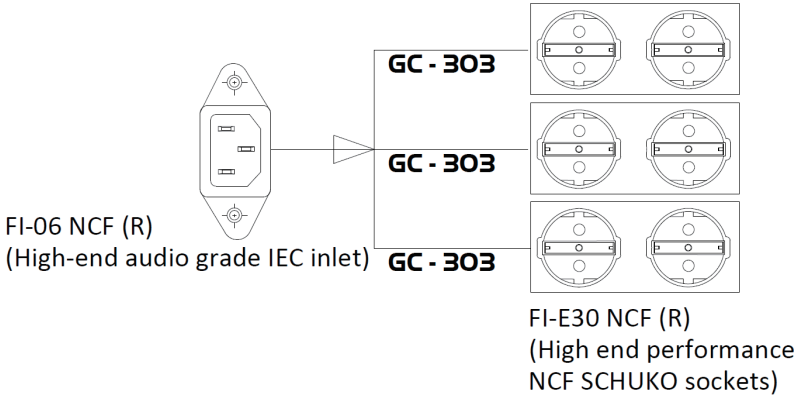
SPECIFICATION	
VOLTAGE	250V AC 50/60Hz
CURRENT	10A
LOADING WATT.	2500W
GROUNDING OUTLET	6 Holes
FILTER TYPE	Absorb noises in non- contact way
MOVEMENT TEMP.	-10°C~40°C
PRESERVATIVE TEMP.	-20°C~50°C
BODY MATERIAL	AL. ALLOY PLATE (PAINTED)
OUTWARD SIZE	200X130X60 mm
WEIGHT	1Kgs

Location description

Absorb Noises in Non-contact way



Circuit Path



MAIN APPLICATION

AUDIO & VIDEO SYSTEM POWER DISTRIBUTION FOR :

- High Performance Audio Systems
- TV Displays/Home Theater
- Professional studio applications

THANK YOU FOR YOUR KIND PATRONAGE

PLEASE FEEL FREE TO CONTACT YOUR DEALER OR FURUTECH
IF YOU ARE INTERESTED IN OR HAVE ANY QUESTIONS ABOUT THIS PRODUCT

ASK YOUR DEALER ABOUT OTHER PRODUCTS IN THE FURUTECH RANGE

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