

FURUTECH

PURE TRANSMISSION

AEx

オーディオ銘機賞
Audio Excellence Award 2008



e-TP609 AC Power Distributor Winner the Absolute Sound Product of the Year Award!



Type: 2-Pole + Earth • Rating: 15A 125V AC

Features:

- Beautifully-crafted special grade aluminum chassis
 - Effectively shields against RFI (Radio Frequency Interference)
- Internal layer on bottom plate of Formula GC-303
 - Effectively shields against EMI (Electro Magnetic Interference)
- Internal wiring: Furutech Alpha-22 conductor at 3.8 sq. mm (< 12 AWG)
 - Guarantees low electrical resistance
- Pure Transmission FP-20A(R) High Performance Rhodium-Plated Receptacles
 - Each duplex separately “star-wired” to High Performance FI-09(R) IEC AC input
 - Separate conductor sets on each duplex
- Rhodium-plated phosphor bronze, non-magnetic conductors for stable, long lasting, optimized power transfer
- Furutech Axial Locking System

Furutech's Award-Winning Pure Transmission Build Quality

Many A/V enthusiasts go to great lengths to carefully set up major system components, but pay little attention to the source, the AC power. Furutech knows that each and every part of the chain is as important as the next, so maximum attention is lavished by Furutech on *all* aspects of AC power transfer.

Meticulous build quality is a large part of the engineering equation. Furutech Pure Transmission quality turns a macro lens on every element of power and signal transfer applying optimized engineering solutions to well-known problems such as contact resistance, EMI and RFI rejection, grounding, and using the best materials and processes available.

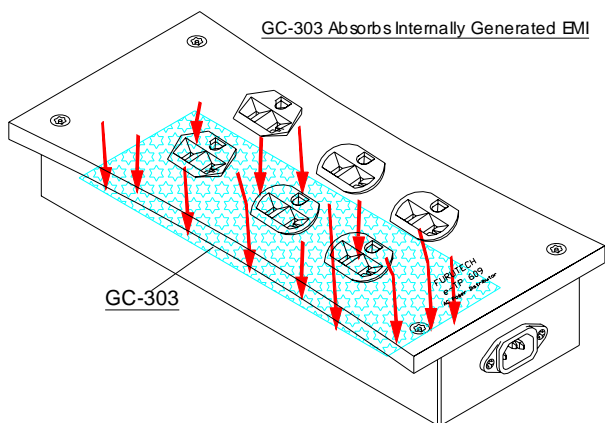
Total Attention to Detail and Build Quality

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The beautifully crafted special grade aluminum chassis effectively shields against another common problem, RFI (Radio Frequency Interference) and a layer of Formula GC-303 (see below) blocks EMI (Electro Magnetic Interference). Internal wiring is Furutech α -22, 3.8 sq. mm (< 12 AWG) guaranteeing low electrical resistance. Furutech Hyper Quality FP-20A(R) High End Performance Rhodium-Plated Receptacles are "star-wired" to the High End Performance FI-09(R) IEC AC input of the e-TP 609 - separate sets of conductors for each of the three duplex receptacles. They feature Rhodium-plated phosphor bronze, non-magnetic conductors for stable, long lasting, optimized power transfer.

Formula GC-303

GC-303 is a special material Furutech bonds to the interior bottom-plate of the chassis (see illustration below) that absorbs EMI (Electromagnetic Interference) generated by the *internal* fittings of the unit. The e-TP 609 uses no filtering besides Formula GC-303 so AC resistance is kept to a minimum, allowing a more resolving, powerful, dynamic, and colorful performance from your components.



Furutech's Patent-Pending Axial Locking System

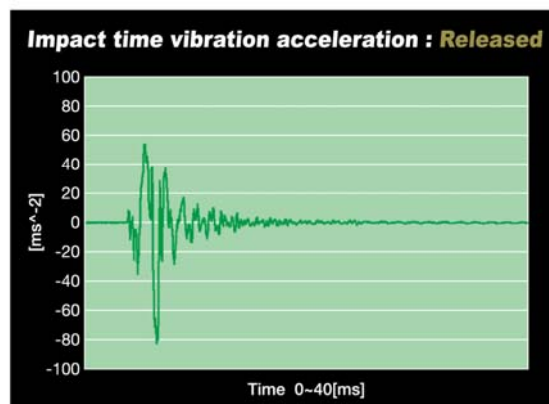
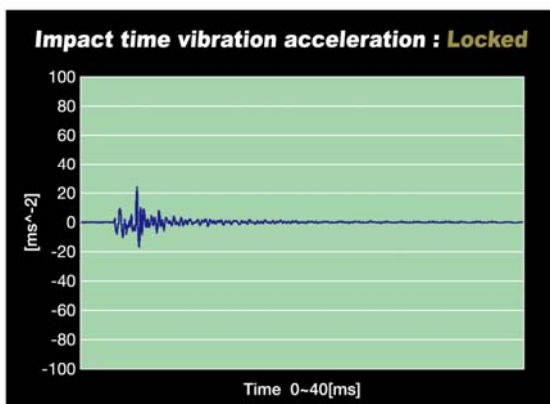
Furutech designed a special locking screw (see illustration below) that anchors each duplex receptacle preventing oscillation and enhancing long-term stability. Further, a special 3M material isolates the duplex outlets from resonance. Total attention to detail: Each Axial Lock is torqued to perfection to work with the 3M resonance control material, with 4 spikes provided to mount the entire unit.



Axial Locking System



Without the Axial Locking System



Furutech's Two-Stage Cryogenic and Demagnetizing *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 -250C. 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 eliminate magnetization for immediately more vivid and colorful improvements. Ring Demagnetization further enhances conductivity of all treated materials. The patent holder for this treatment is Sekiguchi Machine Sale Co., Ltd. in Japan; Furutech are licensed users of the technology.

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.

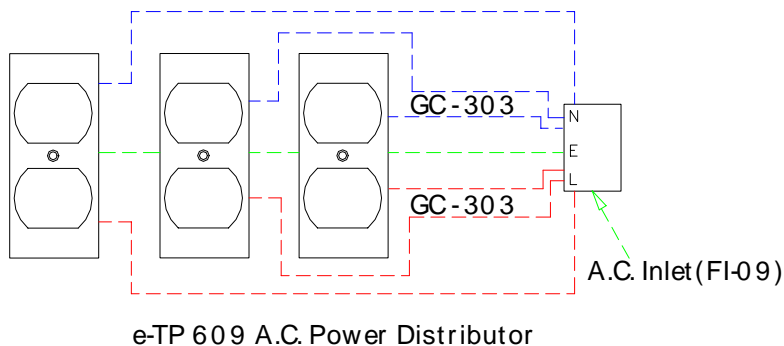
The Final Result

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-TP 609 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.

Electrical Specifications:

TYPE	e- TP 609	TYPE	e- TP 609
RATING	125V AC 50/60Hz	MOVEMENT TEMP.	-10C-40C
CURRENT	15 A	PRESERVATIVE TEMP.	-20C-50C
OUTLETS	6 Outlets	BODY MATERIAL	AL. ALLOY PLATE (PAINTED)
FILTER TYPE	GC-303 Absorbs EMI	OUTWARD SIZE	266 W x 130 D x 56 H/mm
		WEIGHT (Net.)	2.85 Kg

CIRCUIT PATH



What the Critics Say about Furutech Cables

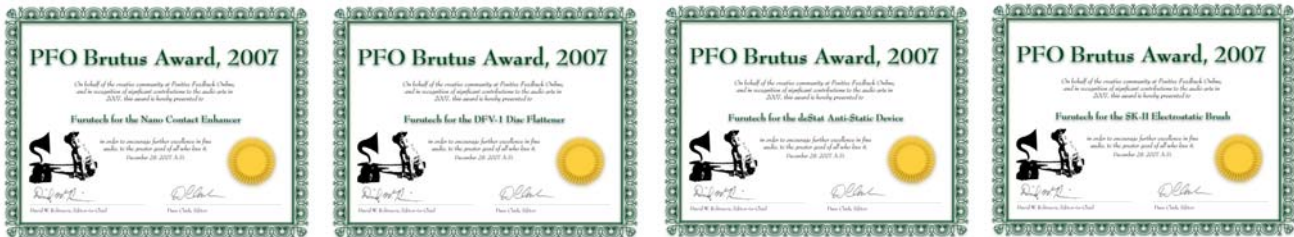
"Sometimes simpler solutions are better solutions—a notion that perhaps explains why Furutech's e-TP609 six-outlet power distribution module works so well. ... The e-TP609 is not a "power conditioner," since it doesn't provide active, in-line power-purification/filtration circuitry of any kind. ... a simple six-outlet power-distribution box that features a robust metal chassis, high-quality vibration-damped "Axial Locking" AC outlets, ultra-high-purity copper wiring, and passive noise filtration via strategically placed panels of an EMI-absorptive material called GC-303 (developed by 3M). ... In practice, the e-TP609 yields a noticeable reduction in background noise and grunge, coupled with a smooth, organic sound that allows music's natural beauty to flow freely."

Reviewed by Chris Martens, Issue 173 of The Absolute Sound

“The Furutech e-TP 609 Power Distributor and Power Reference III AC cables represent a revolutionarily passive approach to realizing our system’s potentials, striking a sharp contrast to other companies’ goal of system enhancement via active conditioning. In short, the e-TP 609 acts as a gravitational core for the absorption of EMI ... its ability to captivate rampant interferences was revelatory.

“The combined strengths of the e-TP 609 and Power Reference III yielded colossal sonic gains in the form of less-fatiguing spectral presentation with no loss in tonal intensity, more exposed low-level details in higher micro- and macrodynamics contrasts, higher level of ambience retrieval and spatial recreation, and finer textural presentation. ... The Furutech power management system of e-TP 609 and Power Reference III are the only sonically non-invasive AC augmentation devices I’ve used, constituting a new standard in signal refinement.”

Reviewed by Constantine Soo, dagogo.com



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