

FURUTECH

PURE TRANSMISSION

AEx
オーディオ銘機賞
Audio Excellence Award 2008



e-TP80 Multimode AC Power Filter and Distributor

*4 Unfiltered Receptacles • 4 EMI-Filtered Receptacles
All with Surge Suppression • Ground Polarity Indicator*



G-314Ag-18 Power Cord Included

Furutech's Award-Winning Pure Transmission Build Quality

Furutech power distributors and filters, from the cost-effective e-TP-60, the popular e-TP609, or the new cost-no-object Pure Power 6, display the same integrity of build quality. Furutech Pure Transmission technology 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 using the best materials and processes available.

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. The e-TP80 Power Distributor and Filter eliminates many common problems found with audio and video components caused by contaminated power. It's not so much a power "conditioner" as a power distributor with filtered and non-filtered mechanically decoupled star-wired outlets. Four unfiltered receptacles handle amplifiers, preamplifiers, and analog front-end components. Four EMI-filtered outlets are for CD, DVD, and other digital components, including video displays. The e-TP80 also features a layer of EMI-absorbent, 3M-based Formula GC-303 bonded to the bottom interior plate, and all metal parts are subjected to the deep cryogenic and demagnetizing Super Alpha Process.

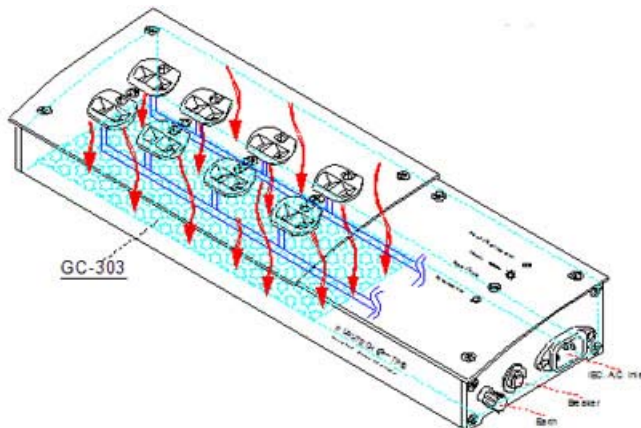
MSRP: \$490 • Available: Now

Features:

- 4 unfiltered outlets
 - Power amplifiers, preamplifiers, analog devices
- 4 EMI-filtered outlets
 - CD, DVD and other digital components
 - TV and digital accessories
- Pure Transmission FP-20A(R) Receptacles
 - Nonmagnetic 24k gold-plated phosphor bronze
- Beautifully-crafted highest grade aluminum chassis
 - Effectively shields against RFI (Radio Frequency Interference)
- Layer of Formula GC-303 bonded to bottom plate
 - Absorbs EMI (Electro Magnetic Interference)
- Internal wiring: Furutech μ -14, 2.0 sq. mm (14 AWG)
 - Guarantees low electrical resistance

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.



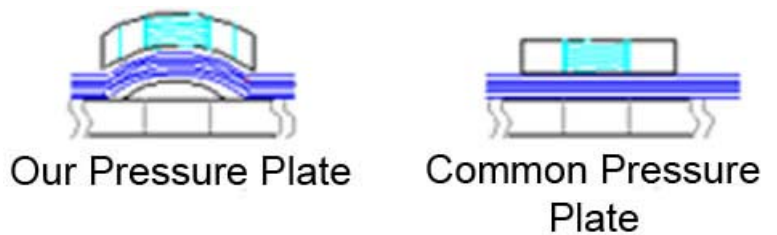
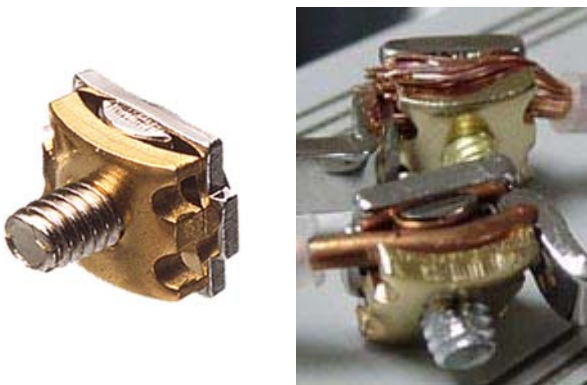
Furutech's Two-Stage Cryogenic and Demagnetizing Alpha Process

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 manufacturing 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 a powerful 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

Specifications G-314-Ag-18 Power Cord (Included in Purchase Price)

- Beautifully-engineered gold-plated IEC [FI-15E(G)] and connector [FI-15M(E)]
 - Male: Gold-plated nonmagnetic pure copper
 - Female: Rhodium-plated phosphor bronze
- Silver-plated Alpha μ -Conductors
 - 37 strands of silver-plated α Alpha μ -OFC Conductor • 0.25mm diameter × 1
 - 37 strands of 0.25mm diameter α Alpha μ -OFC Conductor x 2
- Insulation: High-quality polyethylene PE (Red/Natural/Yellow) 3.4mm diameter
 - Reduces capacitance
- Inner Sheath: Flexible PVC 12.0 mm diameter
- Outer Sheath: Flexible PVC approx. 12.9mm diameter
 - Twin flexible PVC sheaths improves vibration isolation
- Shielding: Alpha Processed for superior noise isolation
 - 9 x 24 strands 0.12mm stranded-braid Alpha Conductor
- Furutech’s unique wire-clamping mechanism guarantees ultra firm connection
- All metal parts treated with the deep cryogenic and demagnetizing Alpha Process
- Specially designed patent-pending pressure plate (see below) increases grip and contact



Electrical Properties G-314-Ag-18

Max. Conductor Resistance	10.0 Ω / km
Min. Insulation Resistance	1000 M Ω -km
Dielectric Strength	AC. 1000 V / 1 min.

Test Method

JISC3005	6	20°C
JISC3005	9.1	20°C
JISC3005	8	

The Critics Speak

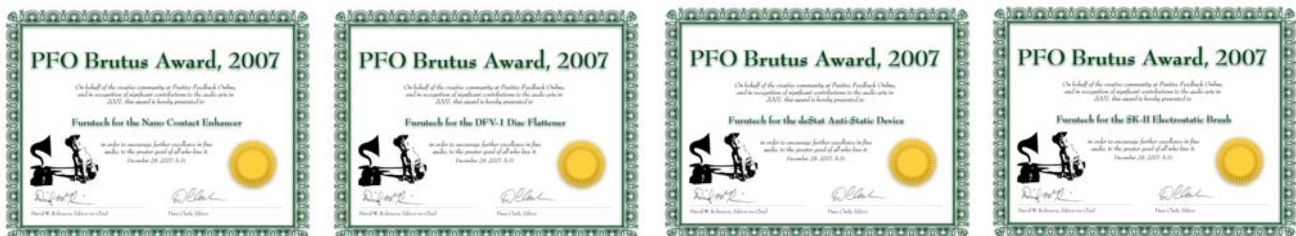
“Sometimes simpler solutions are better solutions—a notion that perhaps explains why Furutech’s e-TP609 six-outlet power distribution module works so well. ... The e-TP609 is not a “power conditioner,” since it doesn’t provide active, in-line power-purification/filtration circuitry of any kind. ... a 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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