

FURUTECH

PURE TRANSMISSION

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



e-TP4+4 AC Dual Mode Power Distributor *4 x 15A Receptacles • 4 x 20A Receptacles*



G-20A-18 Power Cord (Included)

Furutech's Award-Winning Pure Transmission Build Quality

Furutech award-winning power distributors, from the cost-effective e-TP-60, e-TP80, the popular e-TP609, and 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 Dual Mode e-TP4+4 power distributor eliminates many common problems found with audio and video components caused by contaminated power. It features two completely separate 15A and 20A sections! Meticulous attention to build quality is a large part of the engineering equation: Each outlet in every duplex receptacle is directly wired to the IEC input for lowest possible noise. The e-TP4+4 features a layer of EMI-absorbent, 3M-based Formula GC-303 bonded to the bottom interior plate, and Furutech's patented Axial Locking System produces measurably improved resonance control. All metal parts are subjected to the deep cryogenic and demagnetizing Super Alpha Process. Furutech's highly-regarded 20A power cord is included in the price.

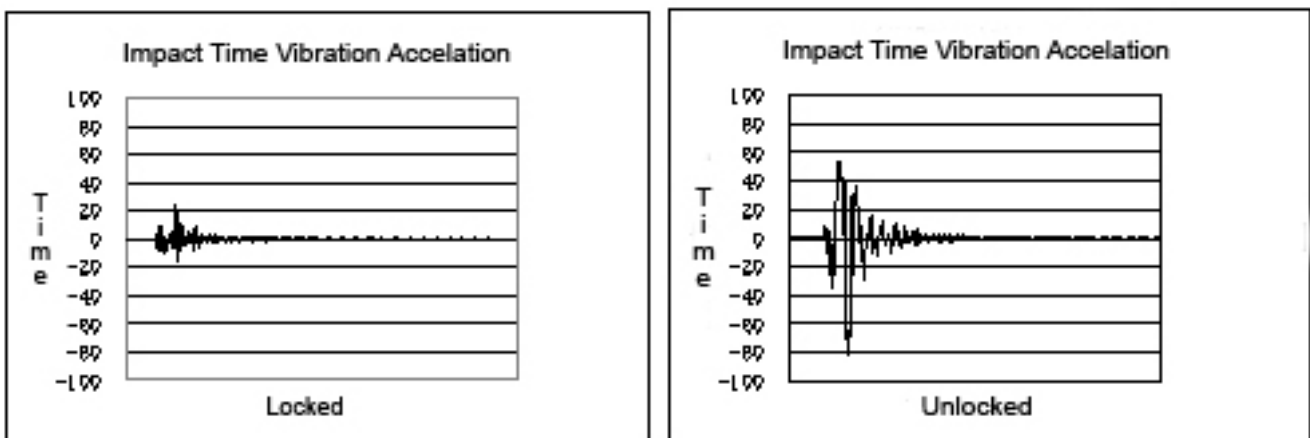
MSRP: \$1,500 • Available: Now

Features:

- Dual section power distributor
 - 4 receptacles rated 15A, 4 receptacles rated 20A
 - One G-20A-18 20A power cord provided
- Patented Axial Locking System measurably reduces vibration and resonance
- 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
 - Heavy-duty non-magnetic rhodium-plated phosphor bronze conductors
 - Stable, long lasting, optimized power transfer
- Beautifully-crafted highest grade aluminum chassis
 - Effectively shields against RFI (Radio Frequency Interference)
- Layer of Formula GC-303 bonded to bottom plate
 - Effectively shields against EMI (Electro Magnetic Interference)
- Internal wiring: Furutech Alpha-22 conductor at 3.8 sq. mm (< 12 AWG)
 - Guarantees low electrical resistance

Furutech’s Patent-Pending Axial Locking System

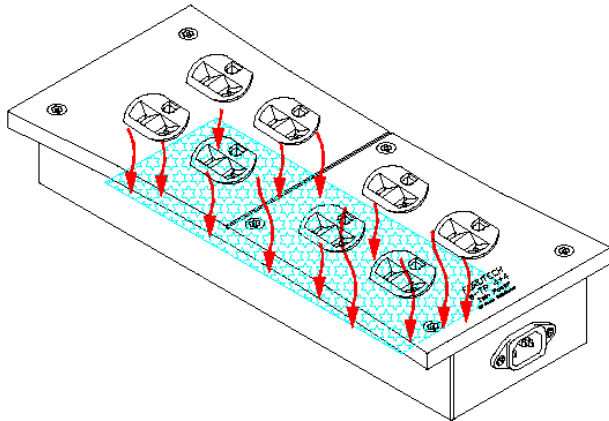
Furutech designed a special locking screw that anchors each duplex receptacle preventing oscillation and enhancing long-term stability. A special 3M material surrounds and isolates each duplex outlet from resonance as well. Each Axial Lock is torqued to perfection to work with the 3M resonance control material, and four spikes are provided to mount the entire unit.



Axial Locks Reduces Noise, Oscillation And Vibration By Nearly A Factor Of Ten!

Formula GC-303

GC-303 is a 3M-based material Furutech bonds to the interior bottom plate of the chassis. It absorbs EMI (Electromagnetic Interference) generated by the *internal fittings* of the unit while the beautifully engineered aluminum chassis protects connections from the fog of RFI (Radio Frequency Interference). The e-TP609 uses no filtering besides Formula GC-303 so AC resistance is kept to a minimum, allowing a more resolving and powerful, dynamic, and colorful performance from your components.



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

**Furutech α (Alpha) Conductor Is Composed Of Fine OFC Wire Strands
Treated With Furutech's α (Alpha) Cryogenic and Demagnetizing Process**



Specifications G-20A-18 Power Cord (Included)

- High Performance FI-31(G) IEC Connector and FI-31M(G) Power Connector
 - 24k gold-plated nonmagnetic phosphor bronze fittings
- Alpha μ -OFC internal wiring features Polyethylene (PE) insulation reducing capacitance
 - 7 x 35 strands of 0.16 mm diameter
- Insulation: Polyethylene (Red/Natural/Yellow) 5.2 mm diameter
- Inner Sheath: Flexible PVC (Black) 12.0 mm diameter
- Shielded with Alpha-Processed stranded-wire braid for superior noise isolation
 - 9 x 24 strands of 0.12mm stranded-braid Alpha Conductor
- Twin flexible PVC sheaths improves vibration isolation
- Wire conductors and all metal parts are manufactured with Furutech’s Cryogenic/Demagnetizing Alpha Process for minimal transmission losses.
- Specially designed patent-pending pressure plate (see below) increases grip and contact

“W” Wire Clamp Pressure Plate



Electrical Properties G-20A-18

Max. Conductor Resistance	2.4 Ω km
Min. Insulation Resistance	2500 M Ω km
Dielectric Strength	AC 3000 V/1 min.

Test Method

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

The Critics Speak

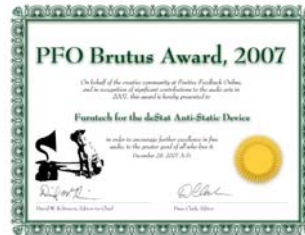
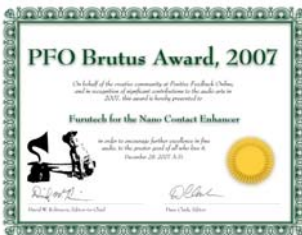
“Sometimes simpler solutions are better solutions—a notion that perhaps explains why Furutech’s e-TP609 six-outlet power distribution module works so well. ... The e-TP609 is not a “power conditioner,” since it doesn’t provide active, in-line power-purification/filtration circuitry of any kind. ... a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

-- Chris Martens, The Absolute Sound

“The Furutech e-TP609 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.”

--Constantine Soo, Dagogo.com



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