

FURUTECH

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Tests Proves Axial Locking System Damps Resonance and Vibration in e-TP609's AC Receptacles

Tokyo • December 11h, 2006 • Furutech Co., Ltd., manufacturer of analog and digital audio and video cable and accessories, enthusiastically announces the availability of the e-TP609 AC Power Distributor. It features Furutech's new Axial Locking System, GC-303 EMI-Absorbent Internal Coating, plus all metal parts are treated with Furutech's 2-Stage Cryogenic and Demagnetizing α -Alpha Process.

The e-TP609 is a sophisticated, luxuriously made single-chassis power distributor that eliminates many common problems found in audio and video components caused by massively contaminated electrical power lines.

The following demonstrate -- with measurements -- just how effective Furutech's anti-resonance features are for the e-TP609's receptacles.

Test Conditions:

Room Temp. 16°C • Humidity: 35%

Test Goal:

Record vibration acceleration waveform data from Furutech AC receptacles with and without Axial Locking System.

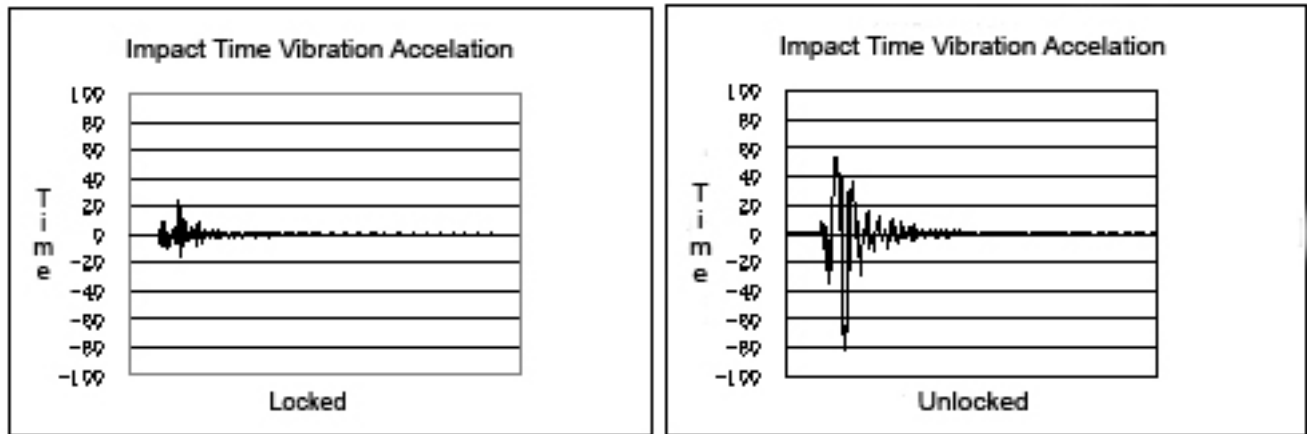
Objective:

Evaluate Axial Locking System's ability to suppress electrical noise, oscillation and general vibration/resonance.

Methodology:

- e-TP609 placed on its side with the top plate perpendicular to the test apparatus
- Impact striker hits the duplex receptacles from a distance of 0.20 meters
- Yields 0.0731[m] Velocity = 1.2ms
- Measurement Apparatus: FFT analyzer
- Measurement Frequency: 10kHz
- Sampling Frequency Range: 5600Hz
- Measurement time intervals: 0.0390625ms
- Block size: 1024 points
- Length of measured data: ~ 40ms

Results:



The results speak for themselves. As plainly seen, Furutech's patent-pending Axial Locking System - hand-torqued to optimum values during assembly - reduces noise, oscillation and vibration by a factor of almost ten!

The Axial Locking System, plus Furutech's Formula GC-303 EMI noise-absorbing material that's bonded to the bottom plate of the unit, provide the ultimate in stable power transmission.

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