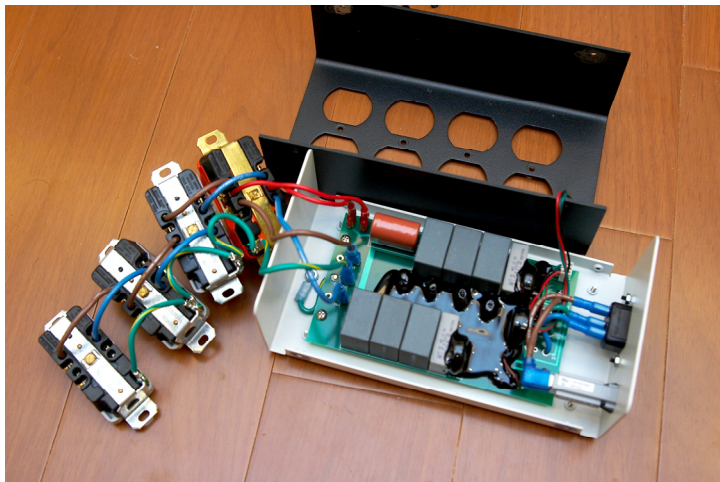


MIT Z Strip 電源處理器

配件



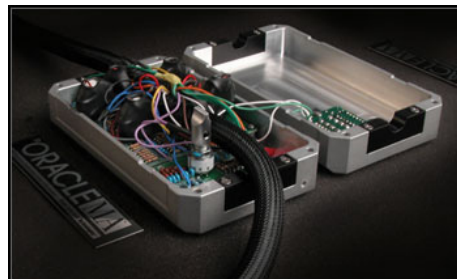
如果不是發燒友，看到 MIT，可能第一個想到的是『Made in Taiwan』，事實上 MIT 是一家位於美國的 High End 線材公司，其全名為『Music Interface Technologies』，中文可直接翻為『音樂連接的技術』，這不正就是指製作線材嗎？真是相當的有意思。提到 MIT，最出名的當然就是在線材上神秘的黑盒子了，許多人想打開研究，但 MIT 將其密封了起來，感覺好像怕人知道秘密一樣，其實 MIT 早就公開內部的圖片與專利的技術了，密封的主要目的並非是要隱藏秘密，而是基於調音設計與保護的作法。



左圖：**MIT Z Strip** 內部圖，紅色的兩條線即是多了數位濾波的處理，只有經過橘色的插座

右上：**MIT** 線材“神秘”的黑盒子，擁有多項專利

右下：這指示燈綠色表示正常，紅色表示有錯，請按下 **AC** 座旁邊的 **Reset** 按鈕



這次試聽的是 **MIT Z Strip** 電源處理器，稱之為『電源處理器』即表示有使用一些元件來進行處理，想要瞭解，當然最直接的方式就是把他打開啦，還好 **MIT** 並沒有把 **Z Strip** 給密封，僅把螺絲鬆開即可。**MIT Z Strip** 共有 4 組壁插，8 個插座，也就是可供 8 台器材使用，其中有 1 組壁插是橘色的，顏色明顯不同，當然不是為了好看，而是這組是具有『數位濾波(Digital Filter)』的功能。適合使用 CD、DVD 之類的器材，另外 3 組灰色的則沒有經過數位濾波，4 組壁插全部為大廠 **HUBBELL** 醫療等級的產品。在右上方有個小指示燈，將 **Z Strip** 接上電源後，若為正常運作則會顯示綠燈，若出現問題則會顯示紅色，此時就請按下 **AC** 座旁的 **Reset** 按鈕。

內部線路方面，我們從內部構造可看到電源在進入 **AC** 座後，會先經過 **MIT** 的線路處理後再到壁插，這種作法算是比較特別，一般常見的電源濾波器不會這麼大費周章的使用電路板，大都直接用電容、電阻、濾波元件...等被動元件串在線路上處理。**Z Strip** 使用了 **MIT** 三項專利，可移除 50Hz~60Hz 電源裡所會產生的噪訊、電源所造成的頻率扭曲及功率因子(power factor)，特別的是只要是接在跟 **Z Strip** 同一迴路的器材都可受到這個專利線路所帶來的改善，此外原廠特別強調並不會影響到聲音的動態。使用 **Z Strip** 可防止電源突波及峰值對器材造成傷害，這點也是一般電源濾波器與排插不同的地方。



左：依照用法，我將有數位濾波的那組插上訊源及硬碟的電源

右：可以客觀測試 EMI 與 RFI 噪訊的『AudioPrism Noise Sniffer』

實際試聽

這次試聽，代理商還借了一台『AudioPrism Noise Sniffer』測試器給我，這台機器可“聽”出電源線上 EMI 或 RFI 的噪訊，使用方式很簡單，就是把他的電源插在電源濾波器上，再將上面的聲音音量轉開就行，科學的測試總是殘酷地，Z Strip 硬是比我現役的排插聲音小上許多，這證明了經過 Z Strip 後，EMI 及 RFI 的確有效地減少。雖然如此，聲音還是要耳聽為憑，自從將 Z Strip 借回家後，這 2 個月都沒拔下來過，Burn-in 應該很夠了，記得剛換上時，就覺得聲音比較乾淨，背景比較黑，不過那時還言之過早。現在實際與現有排插交互測試，仍然與當初一聽的感覺一樣不變，用上 Z Strip 時就是聲音乾淨許多、背景也比較黑，結象更為清楚、3D 立體感更為浮凸，沒想到在我以電池供電的擴大機上也能有這樣的變化，看來聲音雖然主觀，但某些部份還是能以客觀的科學測試驗證。那麼在動態的表現方面，Z Strip 是否會有一般電源濾波器的通病，動態或是能量受到壓縮呢？就實測而言，在我的系統上，低頻的量感比原來少一些些，但換來的是更乾淨清楚的低頻線條，高頻的部份更為平順、密度更好，而且不燥、不會刺耳。總言之，Z Strip 對系統的改變是非常明顯地，如果家中電源環境不是很理想，Z Strip 一定務必要嘗試看看，相信一定會有令人非常驚喜的收穫！



用 Z Strip 時，聽這張貝森朵夫的鋼琴，更為晶瑩剔透
Klavier Duo, Elena
Misirkova, Tatjana Kandyba
Bösendorfer Edition 001 limited

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2009.09.20

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