



IT - REFERENCE 7

SUPPLEMENTAL DISCRETE SYMMETRICAL
AC POWER ISOLATION

FURMAN

Unparalleled Power Purification and Protection

FEATURES

- 7 amp capacity is ideal for upgrading an existing power conditioner or remotely located video products
- Discrete Symmetrical Balanced Power cancels hum-inducing noise and video bars from ground loops
- Linear Filtering Technology (LiFT) for unequaled audio / video clarity
- Series Multi-Stage Protection (SMP) provides maximum AC surge suppression with Extreme Voltage Shutdown (EVS)
- 3 cable / satellite F-connector pairs for transient voltage surge suppression

DESCRIPTION

The IT-Reference 7 is the perfect accessory to enhance the performance or versatility of any Furman Elite or Reference Series power conditioner. The IT-Reference 7 also enables a remote mounted plasma screen or projector to utilize the superior hum and noise reduction of Furman's Discrete Symmetrical Power technology.

For over 32 years, Furman has pioneered the development of AC power products for the most demanding audio, video, and broadcast professionals. Though the need for pristine AC power is nothing new, the IT-REFERENCE 7's technology and its unique implementation are revolutionary and without peer.

The extreme AC demands encountered in the professional audio/video arena have required technological developments far in excess of typical home theater/audiophile power products. In studios, live sound, and broadcast facilities, breakdown is unacceptable. Equipment failure or poor performance is costly. The same is true of today's home theater. Our solution based technology, extensive engineering expertise, and robust build quality have answered the challenge of today's corrupted power lines, and led to the creation of the IT-REFERENCE 7.

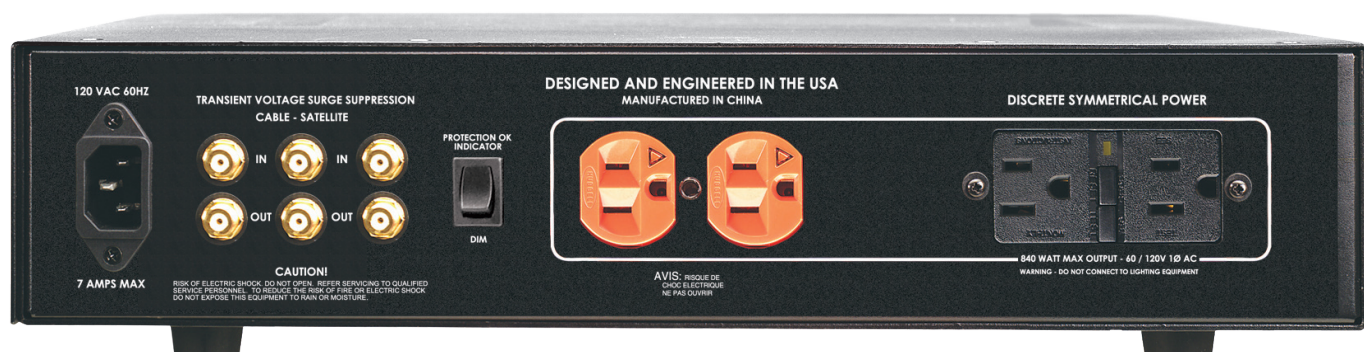
Today's AC lines are plagued with ever increasing noise. When AC noise couples into your system's critical components, it masks

low level signals and cripples performance. This low level content is critical because it relays the crucial harmonics and ambience in audio, and the depth and clarity in video. With Furman's exclusive Linear Filtering Technology, CD players, pre-amplifiers, satellite receivers, and scalars are fed linearly-filtered AC power. This dramatically reduces noise, ensuring consistent peak operation regardless of load conditions or the time of the day. For the first time, you will see and hear your theater or audio system as it should be – uncompromised.

Further, our Discrete Symmetrical Power features total AC ground isolation between the IT-REFERENCE 7's four AC outlet banks and the rest of your Home Theater or audio system. This positively breaks the noise inducing bars and audio hum from AC ground loops, as well as power supply backwash between your plasma screen, projector, DVD player, and other interconnected equipment - all

without compromising electrical safety. The IT-REFERENCE 7 also features Furman's exclusive Series Multi-Stage Protection with high current TVZ-MOV. This virtually maintenance-free surge suppression assures the highest level of AC protection possible, without sacrificing itself when the offending surge is severe – no damaged equipment, no service calls, no down time.

When employing the IT-REFERENCE 7 you will immediately notice far clearer, stunningly focused sound and visual images from your connected components. Video presentation will be crisp and colors true with greater gray and black scale definition, as well as noticeably improved depth and clarity. Sonic transients will be startlingly fast. Mid and high frequencies will bloom with sweet, non-glaring ease as imaging improves dramatically, all the while remaining true to your system's inherent virtues.



IT-REFERENCE 7 SPECIFICATIONS

AC Current Capacity:

Input - Input - 7 Amp capacity required (any 15 – 20 amp outlet is acceptable)
Output - 7 Amps RMS (maximum, all outlets combined - continuous)

Linear Noise Attenuation:

Transverse (Differential) Mode:
>40 dB from 10KHz. - 100 kHz. >80 dB from 100 KHz. – 1GHz.
(Linear attenuation curve from 0.05 – 100 ohms line impedance)

Common Mode:
>75 dB, 10Hz. - 50 kHz. >40 dB 50kHz. – 1MHz.

Outlets:

4 (symmetrical balanced)

Transient Voltage Surge Suppression:

120 VAC - Series Multi-Stage Protection - Non-Sacrificial with Zero Ground Contamination.
(188 V peak clamping @ 6000V 3000A input)
Extreme Voltage Shutdown (>137 VAC)
Telco Cable / Satellite (less than .1dB insertion loss)

Dimensions:

4" H x 17" W x 14.75" D (Standard 2 RU height without feet)

Weight:

46 lbs.

Power Consumption:

8.5 Watts for display and control circuits independent of actual load.

Safety Agency Listing:

C-ETL

5-Year Connected Equipment Warranty:

The Furman IT-REFERENCE 7 features a five year warranty covering the unit and connected equipment. (See manual for details)

Engineered in the USA

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