

acurus  
Accuracy from the U.S.



**Welcome to home theater amplification by Acurus. Our innovative and unique position in audio/video is recognized around the world. Acurus is manufactured in the U.S. by Mondial Designs, Ltd., and internationally acclaimed as the best value in audio components.**

For video we developed and patented the MAGIC (Mondial Antenna Ground Isolation Circuit) used by T.V. networks, aircraft manufacturers, law enforcement agencies and other industries that rely on clear reception of a transmitted video signal. It will improve the picture on a large screen television and improve the audio quality by reducing noise.

We now introduce the Acurus 200X3; the first high power home theater amplifier. Simply stated, there is no substitute for power. It doesn't matter whether you are reproducing a concert or an explosion - you need power. To fulfill the need for power, the 200X3 delivers three channels, 200 watts each, of high quality American power.

### **WHY THREE CHANNELS?**

In creating a home theater amplifier we had to decide on the proper channel configuration. Although 5 or 6 channels is required for surround sound, it is impractical to create a high power amplifier with that many channels. Real power requires a real power supply, which is heavy. If the 200X3 were 6 channels it would weigh almost 100 lbs. and be quite unmanageable. In addition, the heat sinking needed to provide quiet and reliable cooling would require so much area the amplifier would be enormous and unwieldy.

### **AMPLIFIER FLEXIBILITY**

Since some surround systems are 5 channels and some are 6 channels, the three channel amplifier is the perfect solution to home theater amplification.

Obviously, combining the 200X3 with a stereo amplifier yields 5 channels, and a pair of 200X3's yield 6 channels. The Acurus 200X3 can also be connected to a surround sound receiver for the three front channels, combining high power American made amplification with inexpensive receivers.

### **REAL POWER AND SOUND QUALITY, NOT GIMMICKS**

You may note that Acurus amplifiers do not offer bridgeable channels. When an amplifier has the option of combining two channels to create one channel in bridged operation, it provides a high power specification into an 8 ohm resistive test lab load, but loses its ability to properly power real loudspeakers. Since there are no loudspeakers that are an 8 ohm resistive load, an amplifier is required to provide power into loads such as 6 ohm, 4 ohm or even lower impedances. When you bridge the channels of a multi-channel amplifier, you "steal" whatever power the amplifier had into the lower impedances, and deliver it only at higher impedances, with increased distortion. Acurus amplifiers are not bridgeable because at Mondial Designs we are committed to quality, not gimmicks.

### **THE AMERICAN WITH INTERNATIONAL ACCLAIM**

Each channel module of the 200X3 is identical to that of the internationally acclaimed Acurus A250 Stereo Amplifier. Made in America, it has received the "Product of the Year" award in Asia and is certified as the "Reference Standard" for its price range in Europe. The circuit topology is fully symmetrical for identical amplification of each half of the waveform. The fully discrete complement of parts are soldered onto glass epoxy circuit boards. For unit to unit consistency, the 200X3 utilizes 1% metal film resistors and

metalized polypropylene capacitors. Each of the three circuit boards is attached to over 3 square feet of heat sink for high power with cool operation. The transformer is a custom made high voltage and high efficiency toroid. The high efficiency design allows for a power output typical of conventional transformers of twice the size and weight. These parts are then handcrafted by Mondial Designs into the Acurus 200X3.

### **ACURUS ENGINEERING STANDARDS ARE FAR ABOVE THOSE FOR CINEMA SOUND**

Unlike amplifiers that are engineered to just be good enough for movie sound tracks, we engineer Acurus amplifiers to a far higher standard - REALITY. As you probably know, most of what Hollywood does is based on fantasy. When a punch is thrown on screen, the sound you hear isn't really a punch but a bat hitting a steak or a rug. That's why they're called sound effects. Since the sound you are hearing is merely an effect, you have no reference to help you determine what it's supposed to sound like. Acurus amplifiers are engineered by Mondial Designs using live events as a reference. By combining Acurus electronics with high quality loudspeakers, you can reproduce a superior cinematic experience in your own home. You can easily prove this to yourself with a simple comparison. Go to your local Acurus dealer for a home theater demonstration with the 200X3 and high quality loudspeakers. Then go to your local movie theatre and listen to their surround sound system. We are certain the presentation provided by the Acurus system will be superior.

Made in the U.S.A. and internationally acclaimed as the best value in audio.

# **200X3**

## **Three Channel Amplifier**

### **SPECIFICATIONS**

#### **Rated Power:**

**200 watts per channel continuous,  
three channels driven into 8 Ohms  
20 Hz to 20,000 Hz at no more than  
0.06% THD**

**250 watts per channel continuous,  
three channels driven into 4 Ohms  
20 Hz to 20,000 Hz**

**Input Impedance  
20k Ohms**

**Input Sensitivity  
1.1 volts for full output**

**Signal to Noise Ratio:  
110dB A Weighted**

**Dimensions:  
17" wide  
7" high  
15" deep**

**19" front panel optional**

**Weight: 45 lbs.**

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