

# XJ-R Series

Class "J" Powered

It's Not Just More Bass... It's More Bass Perfected

## Remote Control

- » Simultaneously control multiple XJ amps with one remote
- » Select and adjust channels
- » Mute entire system bass



- » 20Hz, 30Hz and 40Hz Adjustable room correction
- » 0° - 180° Phase Shift
- » 5 - 20ms Phase Delay

### The XJ-600R Corrects Both Time and Amplitude Problems

Some companies claim that they have "room correction" built into their amplifiers, but their "correction" is only level adjustment by volume. Earthquake Sound's XJ amplifiers have the tools you need to correctly compensate for room acoustics to achieve the accuracy and precision of true audiophile sound quality.

The XJ-600R has unsurpassed automatic correction that counter balances the acoustical flaws of listening rooms and home theaters. The intelligent Back EMF drive circuit interacts with the subwoofer and memorizes system type and tuning frequencies. The information is then

stored in the XJ-600R's memory for selection at any time.

### Correcting Arrival-Time Problems (with a Vengeance)

Most amplifiers use a simple equalization method that does not solve a room's phase problems. Earthquake's new XJ amps have true room correction that take into consideration time problems such as reflection and refraction. These new state-of-the-art amplifiers first fix arrival time and then do equalization. Others try to equalize rooms by adjusting only volume; but can they call that "room correction?" The new 99% efficient XJ Earthquake amplifiers solve phase problems as well as equalization problems.

Earthquake's XJ-600R amplifier is truly intelligent. To maximize sound quality, its microprocessor turns on a group-delay curve that serves as a correction reference. Frequency imbalances (peaks and dips) are smoothed out by phase correction, not equalization.

### Correcting Frequency-Balance Problems (with a Vengeance)

After phase correction is done, the amp does room equalization. Bass frequencies as low as 20 Hz may be cut or boosted by as much as 6 dB. These corrections increase the number of possible listening positions as well as improving the sound in each position.

## 99% Efficient Performance

The XJ-600R is a ruggedly constructed high-quality professional amplifier. Its digital-feedback Class-J circuitry allows the XJ-600R to produce massive amounts of power with minimal heat. This patented circuitry delivers high efficiency in the range of 99% compared to the 40 to 50% efficiency of a typical Class-AB amplifier.

### Subwoofer Recommendations:

Thor/IW-Sub10, Quake 10.0 and MiniQuake

XJ-300R Now Available  
To Learn More Call Us or Log Onto  
[www.earthquakesound.com/xj300r.htm](http://www.earthquakesound.com/xj300r.htm)



XJ-300R  
» Power output 280 watts @ 4  
140 watts @ 8Ω  
» Standard rack mountable  
» Optimized for the Quake10.0, MiniQuake and Thor/IW-Sub10

## The XJ-600R Corrects Both Time and Amplitude Problems

### Room Correction 20Hz, 30Hz, 40Hz Adjustable

Earthquake's new XJ amps have true room correction that take into consideration: time/reflection and refraction. These new state of the art amplifiers first fix arrival time then equalization. The new 99% efficient XJ Earthquake amplifiers address the actual phase correction problem along with the room EQ.

### Remote Control for Channel Selection and Gain Adjustment

The XJ-600R comes equipped with a remote control for easy channel selection and volume control. This allows users to mute or reduce volume to better suit their needs and to integrate the connected speakers to their liking.

## Superior Active Room Correction



### XJ-600R Features

- 1 x 700 Watts RMS @ 2
  - 1 x 570 Watts RMS @ 4
  - 1 x 320 Watts RMS @ 8
  - Rack Mountable/1U
  - Available in Black finish
- |  |   |
|--|---|
| 1. Power control                             | 10. Channel-2 input section: XLR, RCA or High level |
| 2. Subsonic switch                           | Channel-1 input section: XLR, RCA or High level     |
| 3. 0° - 180° phase shift switch              | 11. DC 12V trigger input                            |
| 4. Phase delay switch                        | 12. Ground connection                               |
| 5. Amplifier status LEDs                     | 13. IR sensor out                                   |
| 6. Auto ON/OFF selector                      | 14. Binding post speaker outputs                    |
| 7. 40Hz - 200Hz crossover with bypass switch | 15. Voltage selection switch 110-120V / 220-240V    |
| 8. Gain control knob                         |   |
| 9. 20, 30 & 40Hz adjustable room correction  |   |

<b>Amplifiers</b>	<b>Cinénova Grande 5</b>	<b>Cinénova Grande 7</b>	<b>Cinénova Grande 16</b>	<b>XJ-600R</b>	<b>PA-600</b>
Number of Channels	5	7	16 / 8-Zones	1 / Mono	2 / + Mono Bridge
RMS Power Output @ 8	328-Watts all channels driven	328-Watts all channels driven	75-Watts all channels driven	1 x 320	2 x 120 Watts 1 x 380 Watts (mono)
THD	0.001%	0.001%	0.1%	0.08%	0.01%
Damping Factor	>800	>800	>408	>500	>300
SNR	>118 dB	>118 dB	>94 dB	>92 dB	>92 dB
Frequency Response	20Hz - 20kHz	20Hz - 20kHz	20Hz - 20kHz	10Hz - 2kHz	20Hz - 20kHz
Weight	110 lbs.	122 lbs.	44 lbs.	18 lbs.	29 lbs.
Finish	Silver or flat black	Silver or flat black	Flat black	Flat black	Flat black
Dimensions H x W x D	9 1/4" x 18" x 21"	9 1/4" x 18" x 20 1/2"	6 1/2" x 17" x 17"	1 7/8" x 19" x 14 1/8"	3 1/2" x 19" x 15 7/16"