

# D660

## 6-Channel Digital Power Amplifier

Revolutionary Design

Incredibly Cool

Remarkably Clean

Space Saving

ELAN's D Series Amplifiers are truly in a class all by themselves. These amps are the first amplifiers to embrace Class T digital technology, which provides the very best in performance, efficiency and sound for the space.

Typical amplifiers waste over half their energy as heat. The ELAN D Series of premium amps use Class T digital technology that is over 85% efficient. This means all power is produced as incredible sound rather than heat.

ELAN uses ACE™ which is our "Automatic Clip Eliminator" circuitry. This is an ELAN-engineered, patent-pending dynamic leveling circuit that makes all D Series amps virtually clip-proof, ensuring the cleanest power at all times.

The D660's single rack-space design allows for efficient use of space while producing tremendous power. Six digital channels produce 75 Watts into 4 Ohms, making this amp worth its weight in power!

## Small in Stature, Huge in Sound ■

### Compact Design

The D660 is designed to fit in a single rack space, yet has more than enough power for any multi-room audio application. Six channels rated at 75 Watts @ 4 Ohms or 60 Watts @ 8 Ohms produce clear, rich sound from any audio source.

### ACE™ Automatic Clip Eliminator

This microprocessor-controlled dynamic leveling circuit eliminates clipping without audio degradation typical with traditional compressor-based clipping circuits. Each amplified output is continuously monitored for signal clipping. This translates into accurate,

high-quality audio reproduction at all volume levels.

### Cool Power

Class T digital technology produces highly efficient (85% efficiency), clean power with very little heat. Most traditional amplifiers have about a 15% efficiency rating – the rest of their power is wasted heating up the equipment rack! Combined with ultra-low noise and THD specifications, the D660 is simply the coolest!

### Smart and Stylish

The D660 has a blue Vacuum Florescent Display (VFD) that shows the settings for each channel. Channel levels can be

individually adjusted via front panel buttons, and the "Lockout" feature ensures that carefully adjusted settings cannot be inadvertently changed. Blue LEDs indicate signal presence for each channel while red LEDs indicate clipping and the automatic activation of the ACE circuitry.

### The Ins and Outs...

This amp has six independently configurable line-level inputs for a multitude of whole-house applications. Simultaneous stereo and mono configurations are possible. Six line-level outputs add to the mix, making the amp even more flexible. Add a Bus Mode switch to link all the channels together, and we have one seriously multi-purpose device!



Compact, Powerful and Very Cool

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# Features & Specifications

## General

- Single Rack Space High
  - 6 x 75 Watts per Channel RMS into 4 Ohms
  - 6 x 60 Watts per Channel RMS into 8 Ohms
  - Class T Digital Technology
  - Low Heat/High Efficiency (85%)
  - ACE™ Automatic Clip Eliminator
  - Buffered Loop Outputs for Each Channel
  - Easy to Configure for Stereo or Mono
  - Bus Mode
  - Blue Vacuum Fluorescent Display
  - "Lockout" Feature Fixes Level Settings
  - Individual Channel Level Setup via Front Panel Buttons
  - ETL® Listed and CE Approved

## Audio Section

Power Rating - RMS

Output Power (6 CH Stereo) . . . . . 75W RMS @ 4 Ohms/Ch  
Output Power (6 CH Stereo) . . . . . 60W RMS @ 8 Ohms/Ch  
Frequency Response . 20Hz to 20kHz, +/-0.3dB into 8 Ohms  
Full Power Bandwidth . . . . . 10Hz to 50kHz  
Signal-To-Noise . . . . . > 102dB (A-weighted)  
Channel Separation . . . . . >70dB (channel to channel @ 1kHz)  
Total Harmonic Distortion . . . . . < .04%  
Intermodulation Distortion . . . . . < 0.1%  
Voltage Gain (AV) . . . . . Continuously Variable from 0 - 24  
Slew Rate . . . . . > 20V/microsecond  
Input Impedance . . . . . 49k Ohms  
Input Sensitivity . . . . . 0.790VRMS (45W @ 8 Ohms)

## Connectors

Input/Loop Outputs . . . . . Gold RCA Phono  
Speaker Outputs . . . . . Five-Way Binding Posts

## Power

AC Power Requirements . . . . . 120 VAC, 600 Watts  
Current Draw . . . . . .5A @ 120 VAC  
Power Supply . . . . . Ultra-High Efficiency Toroidal Transformer

## Triggers

Remote Trigger Inputs . . . . . 5 to 24 Volts AC/DC  
Trigger Loop Output . . . . . +12VDC @ 0.1A

## Dimensions/Weight

Dimensions (Shelf-Mount) . . . . . 17"(W) x 1 3/4"(H) x 15"(D)  
43.18cm(W) x 4.46cm(H) x 38.10cm(D)  
Rack Face . . . . . 9"(W) x 1 3/4"(H)  
48.26cm(W) x 4.46cm(H)  
Weight . . . . . .22lbs/48kg

- Rack-Mount Model # D661
- International Model # D660240
- International Rack-Mount Model # D660-241

ELAN Home Systems reserves the right to change hardware and specifics without notice.



Two Year Limited Warranty

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