

S86A / S86P System 8 Multi-Room A/V Controllers

Hear It All. Whether it's from CDs or an iPod®, Satellite Radio or Cable Music channels – you can listen to all your favorite music in any room with a System8.

See It All. Watch your favorite DVD movies or iPod video downloads on any TV in your home. An S86 turns every room into a personal entertainment center.

Control It All—With Ease. When combined with ELAN's large selection of user-friendly interfaces, System8 controllers deliver the most compelling home system with full control from every room.

The Best, For Less

Based on the award-winning technologies of ELAN's S6 and S12 Multi-Room Controllers, the S86A and S86P combine all the virtues of our most affordable, entry-level system with the powerful features and flexibility of our flagship model to bring you the most versatile, scalable, and feature-rich multi-room entertainment systems available today. The System8 family completes ELAN's latest "good-better-best" offering for the finest in multi-room controllers.

Eight audio/video inputs allow you to choose from all your favorite music and video sources – CDs, DVDs, Satellite Radio, TV – even everything on your iPod®. Enjoy the sights and sounds of all these and more, independently, in six different rooms. Up to four controllers can be linked together, providing you with complete flexibility to create customized systems just right for your home.

Both models incorporate many powerful features such as bass, treble, loudness EQ and programmable turn-on levels for each zone, whole-house music, and A/V source-sensing for system feedback at keypads and touch panels; all at a price that defies common industry trends.

S86A—The New One-Box Solution from ELAN

The S86A has everything you need to turn your entire home into a ready-to-play entertainment system, including an integrated 12-channel x 40 WPC amplifier that pumps all the clean musical power you need to speakers in every room.

S86P—Enhance Your Power

The S86P is the PreAmp-only version of the S86A, and gives you the flexibility to customize the power delivered to each room. Choose from seven ELAN amplifiers that

encompass both analog and digital state-of-the-art technologies and provide you with a wide range of channel and power options.

Control It All—Your Way

You'll feel comfortable and confident when it comes to controlling your house-wide entertainment, because S8 Multi-Room Controllers allow you to do it your way. Compatible with all of ELAN's award-winning user interfaces, the S86A and S86P can be controlled from any room with your choice of volume controls, basic keypads, Olé® Film Interactive Touchpads, or a wide selection of in-wall, tabletop, under-cabinet, and wireless touch panels. From basic to advanced, ELAN has a user-friendly solution for every room.



S86A / S86P Systems 8 Multi-Room A/V Controllers

Features for S86A/S86P

- 6-zone multi-room A/V controller
- 8 audio source Inputs/8 composite video source inputs
- Loss-free composite video distribution up to 300 ft.
- Buffered audio & video loops outputs for each source
- Selectable variable/fixed preamp outputs
- Compatible w/all ELAN user interfaces
- Discrete zone IR commands allow any learning remote to control any zone
- Programmable turn-on levels & trigger outputs for each zone
- Bass, treble, loudness & balance for each zone
- Audio/Video status sensing
- Programmable zone trigger outputs
- Sense inputs (6)
- 8-Source-specific IR output ports, plus "All" port
- Front panel USB download port
- Expandable to 12, 18 or 24 zones w/additional chassis

S86A only

- Integrated 12-channel x 40 WPC power amplifier
- Compatible w/ RMK3 Rack Mount Kit

S86P only

- PreAmp-only version
- Customize your amplification needs
- Rack-mount ears included



Shown: rear panel of S86A

Specifications

Audio Inputs (8)

Input Sensitivity	0-2V RMS
Input Impedance	47k Ohms

PreAmp Outputs

Frequency Response	20Hz to 20kHz, +/-0.5dB
THD+Noise (@1KHz)	<0.02%
Signal-to-Noise (A Weighted)	95dB
Crosstalk (Zone to Zone)	>105dB
Output Impedance	600 Ohms

Music on Hold Output

Max Output Level	+6dB
Output Impedance	600 Ohms

Page & Doorbell Input

Input Sensitivity	0-2V RMS
Input Impedance	47k Ohms

Video

Gain	Unity
Bandwidth (-3dB)	12 MHz
Input/output Impedance	75 Ohms
Crosstalk	-40dB @ 3.58MHz

Amplifier Output (S86A only)

Power Outputs (RMS) per Channel	40W @ 8 Ohms
Frequency Response	20Hz to 20kHz, +/-1dB into 8 Ohms
Signal-To-Noise	> 95dB (A-weighted)
Channel Separation	> 70dB (channel to channel @ 1kHz)
THD	< .02% @ 1kHz, < 0.06% @ 10kHz

General

Trigger Outputs	+12VDC @ 100mA each
Keypad Power	300mA @12VDC per zone
AC Power Requirements	120VAC, 400W / 240VAC, 400W
Current Draw	3.4A @ 120VAC / 1.8A @ 240VAC
Dimensions w/ Feet (2U w/o feet)	(in.) 17 W x 4-1/8 H x 15-3/8 D
	(mm) 432 W x 105 H x 391 D
Weight	(S86A) 22.5 lbs./10.2 kg
	(S86P) 17.5 lbs./8 kg

cTUVus Certified, CE Approved, C-tick Listed

ELAN Home Systems reserves the right to change hardware and specifications w/out notice.

Two-Year Limited Warranty

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