

CURRENT ELECTRIC

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CECAD Lighting Integration Standards – Fall 2004

Re: AMX, Crestron, Control4,
Protocol RS232

Individual Room Functions

- Each Room or Area will have a local Keypad.
- Buttons are programmed as **SINGLE ACTION EVENTS, Push ON, not Toggle ON/OFF**¹
- This Keypad address is 1:4:10 (*Panel: Link: Keypad Address*)
- The button number follows, then a carriage return in Hex Code

Button #	Function	Address Example (Thin Button)	Address Example (SeeTouch)
1	Enter	KBP, [1:4:10], 01 \$13	KBP, [1:4:10], 01 \$13
2	Soft Scene	KBP, [1:4:10], 02 \$13	KBP, [1:4:10], 02 \$13
3	Special Scene (Art,etc.)	KBP, [1:4:10], 03 \$13	KBP, [1:4:10], 03 \$13
4	Second Scene (Hers)	KBP, [1:4:10], 04 \$13	KBP, [1:4:10], 04 \$13
5	Room OFF	KBP, [1:4:10], 05 \$13	KBP, [1:4:10], 05 \$13
R	Raise Last Scene	KBP, [1:4:10], 24 \$13	KBP, [1:4:10], 24 \$13
L	Lower Last Scene	KBP, [1:4:10], 23 \$13	KBP, [1:4:10], 23 \$13

Global Functions

- Each project will have a Master Phantom Keypad to produce suite wide events
- Buttons are programmed as **SINGLE ACTION EVENTS, Push ON, not Toggle ON/OFF**¹
- The events vary from job to job, the first few are constant and are listed below.
- This Keypad address is 1:4:32 (*Panel: Link: Keypad: Address*)
- The button number follows, then a carriage return in Hex Code

Button #	Function	Address Example (Thin Button)	Address Example (SeeTouch)
1	Landscape –ON	KBP, [1:4:32], 01 \$13	KBP, [1:4:32], 01 \$13
2	Landscape -OFF	KBP, [1:4:32], 02 \$13	KBP, [1:4:32], 02 \$13
3	Exterior Architectural - ON	KBP, [1:4:32], 03 \$13	KBP, [1:4:32], 03 \$13
4	Exterior Architectural - OFF	KBP, [1:4:32], 04 \$13	KBP, [1:4:32], 04 \$13
5	Party – ON	KBP, [1:4:32], 05 \$13	KBP, [1:4:32], 05 \$13
6	Party – OFF	KBP, [1:4:32], 06 \$13	KBP, [1:4:32], 05 \$13
7		KBP, [1:4:32], 07 \$13	KBP, [1:4:32], 05 \$13
8		KBP, [1:4:32], 08 \$13	KBP, [1:4:32], 05 \$13
9		KBP, [1:4:32], 09 \$13	KBP, [1:4:32], 05 \$13
10	Security - ON	KBP, [1:4:32], 10 \$13	KBP, [1:4:32], 05 \$13
11	Security - OFF	KBP, [1:4:32], 11 \$13	KBP, [1:4:32], 05 \$13
12		KBP, [1:4:32], 12 \$13	KBP, [1:4:32], 05 \$13
13		KBP, [1:4:32], 13 \$13	KBP, [1:4:32], 05 \$13
14		KBP, [1:4:32], 14 \$13	KBP, [1:4:32], 05 \$13
15		KBP, [1:4:32], 05 \$13	KBP, [1:4:32], 05 \$13
Left	Interior – ON	KBP, [1:4:32], 24 \$13	KBP, [1:4:32], 24 \$13
Right	Interior – OFF	KBP, [1:4:32], 23 \$13	KBP, [1:4:32], 23 \$13

¹ **Single Action** programming is used to provided users confidence in action, **Toggle** Programming requires user to verify LED or load state to verify ON/OFF condition. **Single Action** also diminishes need for feedback verification to outboard AMX, Control4, or Crestron system reducing processor exercise and programming time