



Simplicity Never Sounded So Good

#### 4.0 COMMUNICATIONS PROTOCOLS (cont'd)

#### 4.4 IR Codes for Transmitter to Keypad or Hub

<i>Command</i>	<i>HEX-DEC</i>	<i>Binary Sequence</i>	<i>Decodes In</i>	<i>Function</i>	<i>Requirement</i>
<b>Source 1</b>	A908	10101001 00001000	Hub/VCM	Hub selects Source 1 VCM turns On	Required
<b>Source 2</b>	A909	10101001 00001001	Hub/VCM	Hub selects Source 2 VCM turns On	Required
<b>Source 3</b>	A90A	10101001 00001010	Hub/VCM	Hub selects Source 3 VCM turns On	Required
<b>Source 4</b>	A90B	10101001 00001011	Hub/VCM	Hub selects Source 4 VCM turns On	Required
<b>Source 5</b>	A90C	10101001 00001100	Hub/VCM	Hub selects Source 5 VCM turns On	Optional
<b>Source 6</b>	A90D	10101001 00001101	Hub/VCM	Hub selects Source 6 VCM turns On	Optional
<b>Local 1</b>	A90E	10101001 00001110	LIM/VCM	LIM selects Local 1 VCM turns On	Optional
<b>Local 2</b>	A90F	10101001 00001111	LIM/VCM	LIM selects Local 2 VCM turns On	Optional
<b>Vol Up</b>	A910	10101001 00010000	VCM	Vol ramps up	Required
<b>Vol Dn</b>	A920	10101001 00100000	VCM	Vol ramps down	Required
<b>On</b>	A903	10101001 00000011	VCM	Discreet Room On	Optional
<b>Off/On Toggle</b>	A940	10101001 01000000	VCM	Room Off/On	Required
<b>All Off</b>	A980	10101001 10000000	Hub/Source	System Off	Required
<b>Mute Toggle</b>	A905	10101001 00000101	VCM	Input Mute	Optional
<b>Mute On</b>	A906	10101001 00000110	VCM	Input Mute	Optional
<b>Mute Off</b>	A907	10101001 00000111	VCM	Input Mute	Optional
<b>Off</b>	A901	10101001 00000001	VCM	Discreet Room Off	Optional
<b>Source Sync*</b>	A999	10101001 10011001	VCM	Issued by VCM as a header to synchronize source LEDs with other VCMs	Optional
<i>All other codes are reserved; contact LeisureTech for details</i>	A9XX	10101001 XXXXXXXX			

\*This code is reserved for two-way communication on the IR line. Use of this code is not required.