Keypad Notes

Set device addresses. Refer to the instructions included with the devices and set each address according to the Table of Device Addresses.

See Keypad Programming Fields (fields *190-*196) in Section 4. Data Field Programming for details on enabling keypad addresses, assigning keypad partitions and selecting keypad sounding options.

IMPORTANT: Each keypad must be assigned a unique, predefined address, from 16 to 23. The first keypad is address 16 (default = partition 1, all sounds enabled).

TOUCH SCREEN KEYPAD (AUI) NOTES:
- Use of up to four AUI devices (e.g., 6270, Symphony) is independent from standard keypads and does not affect the number of standard keypads the system can support.
- AUI devices must be set for address 1 or 2, or address 5 or 6 depending on which unit is enabled in field *189.
- To ensure proper AUI device operation, use AUI devices with the following rev levels: 6270 series use version 1.0.9 or higher; 8132/8142 (Symphony) series use version 1.1.175 or higher.

Optional VISTA-GSM Module

Refer to the VISTA-GSM Module Installation section later in this manual for detailed explanation of its installation.

The module's address is internally set to 03 and cannot be changed.

Wire Run Chart For Devices* Drawing Aux Power From The Control (12V+ & 12V−)					
Wire Size	TOTAL CURRENT DRAWN BY ALL DEVICES CONNECTED TO A SINGLE WIRE RUN				
	50 mA or less	100 mA	300 mA	500 mA	600 mA
#22	900 ft (274m)	450 ft (137m)	150 ft (46m)	90 ft (27m)	75 ft (23m)
#20	1400 ft (427m)	700 ft (213m)	240 ft (73m)	140 ft (43m)	120 ft (37m)
#18	1500 ft (457m)	1100 ft (335m)	350 ft (107m)	220 ft (67m)	170 ft (52m)
#16	1500 ft (457m)	1500 ft (457m)	550 ft (168m)	350 ft (107m)	270 ft (82m)

* Includes Keypads, RF Receivers, Zone Expander/Relay Units, and 4286 Phone Module.

Maximum wire lengths for any device that is homerun to the control can also be determined from the Wiring Run Chart, based on the current draw of that device alone.

The length of all wire runs for both partitions combined must not exceed 1500 feet (457m) when unshielded quad conductor cable is used (750 feet if shielded cable is used). This restriction is due to the capacitive effect on the data lines when quad cable is used.

Table of Device Addresses

This Device	Uses Address	Reports as††	Enabled By…
RF Receiver	00	100	*56 zone programming: input device type entry
AUI 1	01		automatic if AUI enable field *189 enabled for AUI 1
AUI 2	02		automatic if AUI enable field *189 enabled for AUI 2
AUI 3	05		automatic if AUI enable field *189 enabled for AUI 1
AUI 4	06		automatic if AUI enable field *189 enabled for AUI 2
Internal IP/GSM Device	03	103	automatic if enabled in menu mode *29
4286 Voice Module	04	104	automatic if phone module access code field *28 enabled
Zone Expanders (4219/4229):			*56 zone programming: input device type, entry 2, then:
module 1 (for zones 09 - 16)	07**	107	automatic if zone no. 9-16 set as AW type or relay assigned
module 2 (for zones 17 - 24)	08	108	automatic if zone no. 17-24 set as AW type or relay assigned
module 3 (for zones 25 - 32)	09	109	automatic if zone no. 25-32 set as AW type or relay assigned
module 4 (for zones 33 - 40)	10	110	automatic if zone no. 33-40 set as AW type or relay assigned
module 5 (for zones 41 - 48)	11	111	automatic if zone no. 41-48 set as AW type or relay assigned
Relay Modules (4204):			*79 output device programming: device address prompt:
module 1	12	112	entered at device address prompt
module 2	13	113	entered at device address prompt
module 3	14	114	entered at device address prompt
module 4	15	115	entered at device address prompt
Keypads:			data field programming as listed below:
keypad 1	16	n/a	always enabled for partition 1, all sounds enabled.
keypad 2	17	n/a	data field *190
keypad 3	18	n/a	data field *191
keypad 4	19	n/a	data field *192
keypad 5	20	n/a	data field *193
keypad 6	21	n/a	data field *194
keypad 7	22	n/a	data field *195
keypad 8	23	n/a	data field *196
5800TM Module	28	n/a	automatic

** address 07 not available if zone-doubling enabled

†† Addressable devices are identified by "1" plus the device address when reporting. Enter a report code for zone 91 to enable addressable device reporting (default = reports enabled). See field *199 for addressable device (ECP) 3-digit/2-digit identification keypad display options.