

Galaxy Address Table Galaxy Dimension

Honeywell

Address Category : A = Keypad B = MAX C = RIO D = Receiver E = DCM F = Audio	MK7 Keypad 	MK7 KeyProx  	TouchCenter 	TouchCenter Prox   V6.0-V6.5 V6.7 - x	(Power) RIO 	V-Plex 	RF RIO  	RF Portal   V6.0-V6.1 V6.5 - x	MAX reader  	DCM  	Audio Interface 	MUX 			
	Communication protocol : Address Category :	RS485 A	RS485 A + B	RS485 A	RS485 A + B	RS485 C	RS485 C	RS485 C	RS485 D	RS485 B	RS485 E	RS485 F	Audio Bus F		
GALAXY DIMENSION															
Galaxy GD-48	Line 1	0 - 2, B - F	0 - 2	0 - 2 ^a	0 - 2 ^{ab}	0 - 2 ^a	2 - 5	2 - 5 ^a	2 - 5	-	0-F ^a	0 - 3	0 - 3	fixed address ^a	1 - 8 ^a
Galaxy GD-96	Line 1	0 - 2, B - F	0 - 2	0 - 2 ^a	0 - 2 ^{ab}	0 - 2 ^a	1 - 5	1 - 5 ^a	1 - 5	-	0-F ^a	0 - 7	0 - 7	fixed address ^a	1 - 8 ^a
	Line 2	0 - 6, F	0 - 3	0 - 3 ^a	0 - 3 ^{ab}	0 - 3 ^a	0 - 5	0 - 5 ^a	0 - 5	-	0-F ^a	0 - 7	0 - 7	-	-
Galaxy GD-264	Line 1	0 - 2, B - F	0 - 2	0 - 2 ^a	0 - 2 ^{ab}	0 - 2 ^a	1 - F	1 - F ^a	1 - F	-	0-F ^a	0 - 7	0 - 7	fixed address ^a	1 - 8 ^a
	Line 2	0 - 6, F	0 - 3	0 - 3 ^a	0 - 3 ^{ab}	0 - 3 ^a	0 - F	0 - F ^a	0 - F	-	0-F ^a	0 - 7	0 - 7	-	-
Galaxy GD-520	Line 1	0 - 2, B - F	0 - 2	0 - 2 ^a	0 - 2 ^{ab}	0 - 2 ^a	1 - F	1 - F ^a	1 - F	-	0-F ^a	0 - 7	0 - 7	fixed address ^a	1 - 8 ^a
	Line 2 - 4	0 - 6, F	0 - 6	0 - 6 ^a	0 - 6 ^{ab}	0 - 6 ^a	0 - F	0 - F ^a	0 - F	-	0-F ^a	0 - 7	0 - 7	-	-
a - check table below for maximum number : b - without prox functionality															

a - check table below for maximum number ; b - without prox functionality

Maximum Number	GD-48	GD-96	GD-264	GD-520
MK7 Keypad	7	14	14	28
MK7 KeyProx	3	7	7	24
TouchCenter	1	2	2	4
TouchCenter Prox	1	2	2	4
(Power) RIO	4	10	31	63
V-Plex	1	2	2	4
RF RIO	4	10	31	63
RF Portal	4	8	8	8
MAX reader	4	16	16	32
DCM	4	16	16	32
Audio Interface	1	1	1	1
MUX	2	4	8	8

System Zones Galaxy	
0001	→ CU Battery Low
0002	→ CU AC Fail
0003	→ Lid Tamper
0004	→ AUX Tamper
0005	→ Wall Tamper

Calculate keypad addresses				
	Line 1	Line 2	Line 3	Line 4
0	10	20	30	40
1	11	21	31	41
2	12	22	32	42
3		23	33	43
4		24	34	44
5		25	35	45
6		26	36	46
7				
8				
9				
A				
B	15			
C	16			
D	17			
E	18			
F	19	29	39	49

Important notes :
- Modules from the same Address Category can not have identical addresses. - Some modules belong to two Address Categories (KeyProx). - External communication modules (Telecoms, ISDN, RS232, Ethernet, Audio Interface) must be connected to communication line 1. - External communication modules must be powered unfused. - Maximum of 1 audio channel per group (an Audio Interface has 2 audio channels, a MUX has 4 audio channels). From v6.7 the audio channel is set per zone. - When a keyfob is used on the RF RIO a MAX address will be used. - The RF Portal can be used from software v6.5. - The TouchCenter prox can be used from software v6.7. The TouchCenter prox will work without prox function on v6.0 and higher. - The RF Portal, RF RIO and V-Plex Module simulate RIO Addresses.

Keypad address
B → Ethernet Module
C → ISDN v3
D → RS232 Module
E → Telecoms / ISDN v1
F → Engineer keypad
50 → Internal Telecoms
51 → Internal RS232

Communication modules
M/K 1 → Telecoms (Internal)
M/K 2 → RS232 (External)
M/K 3 → ISDN v3.x
M/K 4 → Ethernet
M/K 5 → Telecoms (External)
M/K 6 → RS232 (Internal)
M/K 7 → Audio Interface

Galaxy Address Table Galaxy Flex 3

Honeywell

Address Category :	MK8 Keypad	MK8 KeyProx	TouchCenter	TouchCenter Prox	(Power) RIO	V-Plex	RF Portal	MAX reader	DCM	Audio Interface	MUX	Camera PIR
A = Keypad B = MAX C = RIO D = Receiver E = DCM F = Audio G = Camera		 (())		 (())			 (())	 (())	 (())			
Communication protocol :	RS485	RS485	RS485	RS485	RS485	RS485	RS485	RS485	RS485	RS485	Audio Bus	Intellibus
Address Category :	A	A + B	A	A + B	C	C	D	B	E	F	F	G
GALAXY FLEX												
Galaxy FX-20	0 - 3	0 - 3	0 - 2 ^a	0 - 2 ^a	2	2 ^a	0 - F ^a	0 - 3	0 - 1	fixed address ^a	1 - 8 ^a	automatic ^a
Galaxy FX-50	0 - 3	0 - 3	0 - 2 ^a	0 - 2 ^a	2 - 6	2 - 6 ^a	0 - F ^a	0 - 7	0 - 3	fixed address ^a	1 - 8 ^a	automatic ^a
Galaxy FX-100	0 - 7	0 - 7	0 - 2 ^a	0 - 2 ^a	2 - C	2 - C ^a	0 - F ^a	0 - 7	0 - 3	fixed address ^a	1 - 8 ^a	automatic ^a
a - check table below for maximum number												

Maximum Number	FX-20	FX-50	FX-100
MK8 Keypad	4	4	8
MK8 KeyProx	4	4	8
TouchCenter	1	1	1
TouchCenter Prox	1	1	1
(Power) RIO	1	5	11
V-Plex	1	1	1
RF Portal	8	8	8
MAX reader	4	8	8
DCM	2	4	4
Audio Interface	1	1	1
MUX	8	8	8
Camera PIR	5	5	5

System Zones Galaxy	
0001	→ CU Battery Low
0002	→ CU AC Fail
0003	→ Lid Tamper
0004	→ AUX Tamper

Calculate keypad addresses	
	Flex
0	10
1	11
2	12
3	13
4	14
5	15
6	16
7	17
8	
9	
A	
B	
C	
D	
E	
F	

Important notes :
- Modules from the same Address Category can not have identical addresses. - Some modules belong to two Address Categories (KeyProx). - Maximum of 1 audio channel per zone (an Audio Interface has 2 audio channels, a MUX has 4 audio channels). - The RF Portal and V-Plex Module simulate RIO Addresses. - The Ethernet module must be connected to the Intellibus, the GSM/GPRS module directly on the PCB. No more communication modules can be connected to the RS485-line. - The Camera PIR module must be connected to the Intellibus and will be assigned an address automatically.

Keypad address	
50	→ Telecoms
51	→ USB
52	→ Ethernet
55	→ GSM
56	→ GPRS
F	→ Engineer keypad

Communication modules	
M/K 1	→ Telecoms
M/K 4	→ Ethernet
M/K 5	→ GSM/GPRS
M/K 6	→ USB
M/K 7	→ Audio Interface

Galaxy Address Table Galaxy Flex

Honeywell

Address Category :	MK8 Keypad	MK8 KeyProx	TouchCenter	TouchCenter Prox	(Power) RIO	V-Plex	RF Portal	MAX reader	DCM	Audio Interface	MUX	
A = Keypad B = MAX C = RIO D = Receiver E = DCM F = Audio		 (())		 (())			 (())	 (())	 (())			
Communication protocol :	RS485	RS485	RS485	RS485	RS485	RS485	RS485	RS485	RS485	RS485	Audio Bus	
Address Category :	A	A + B	A	A + B	C	C	D	B	E	F	F	
GALAXY FLEX												
Galaxy FX-20	0 - 3	0 - 3	0 - 2 ^a	0 - 2 ^a	2	2 ^a	0 - F ^a	0 - 3	0 - 1	fixed address ^a	1 - 8 ^a	
Galaxy FX-50	0 - 3	0 - 3	0 - 2 ^a	0 - 2 ^a	2 - 6	2 - 6 ^a	0 - F ^a	0 - 7	0 - 3	fixed address ^a	1 - 8 ^a	
Galaxy FX-100	0 - 7	0 - 7	0 - 2 ^a	0 - 2 ^a	2 - C	2 - C ^a	0 - F ^a	0 - 7	0 - 3	fixed address ^a	1 - 8 ^a	
a - check table below for maximum number												

Maximum Number	FX-20	FX-50	FX-100
MK8 Keypad	4	4	8
MK8 KeyProx	4	4	8
TouchCenter	1	1	1
TouchCenter Prox	1	1	1
(Power) RIO	1	5	11
V-Plex	1	1	1
RF Portal	8	8	8
MAX reader	4	8	8
DCM	2	4	4
Audio Interface	1	1	1
MUX	8	8	8

System Zones Galaxy	
0001	→ CU Battery Low
0002	→ CU AC Fail
0003	→ Lid Tamper
0004	→ AUX Tamper

Calculate keypad addresses	
	Flex
0	10
1	11
2	12
3	13
4	14
5	15
6	16
7	17
8	
9	
A	
B	
C	
D	
E	
F	

Important notes :
- Modules from the same Address Category can not have identical addresses. - Some modules belong to two Address Categories (KeyProx). - Maximum of 1 audio channel per zone (an Audio Interface has 2 audio channels, a MUX has 4 audio channels). - The RF Portal and V-Plex Module simulate RIO Addresses. - Maximum of 1 external communication module (ISDN, Ethernet, GSM/GPRS) can be mounted in the enclosure.

Keypad address	
50	→ Telecoms
51	→ USB
52	→ Ethernet/GPRS
53	→ ISDN
55	→ GSM
F	→ Engineer keypad

Communication modules	
M/K 1	→ Telecoms
M/K 3	→ ISDN v3.x
M/K 4	→ Ethernet/GPRS
M/K 5	→ GSM
M/K 6	→ USB
M/K 7	→ Audio Interface

Galaxy Address Table Galaxy G2

Honeywell

Address Category : A = Keypad B = MAX C = RIO D = Receiver	MK7 Keypad 	MK7 KeyProx 	MAX reader 	(Power) RIO 	V-Plex 	RF Portal 	6160 Keypad 	6160 KeyProx 	6160 RFH 	ECP Expander 	5882EUH Receiver 	
			 V1.0 - V1.1 V1.4 - x									
Communication protocol :	RS485	RS485	RS485	RS485	RS485	RS485	ECP	ECP	ECP	ECP	ECP	
Address Category :	A	A + B	B	C	C	D	A	A + D	A + D	C	D	
GALAXY GRADE 2												
Galaxy G2-20	0 - 3	0 - 3	-	0 - 3 ^a	2	2 ^a	4 - 5	-	-	-	-	-
Galaxy G2-44 +	0 - 3	0 - 3	-	0 - 3 ^a	2 - 5	2 - 5 ^a	4 - 5	0 - 3	0 - 3	0 - 3 + 4 - 5	2 - 4	4 - 5
a - check table below for maximum number												

Maximum Number	G2-20	G2-44+
MK7 Keypad	4	4
MK7 KeyProx	4	4
MAX reader	1	1
(Power) RIO	1	4
V-Plex	1	1
RF Portal	2	2
6160 Keypad	-	4
6160 KeyProx	-	2
6160 RFH	-	2
ECP Expander	-	3
5882EUH Receiver	-	2
2-Weg Audio	-	3
GSM Module	-	1

Calculate keypad addresses	
	G2
0	10
1	11
2	12
3	13

Communication modules
M/K 1 → Telecoms
M/K 4 → Ethernet
M/K 5 → GSM

Important notes :
- Modules from the same Address Category can not have identical addresses. - Some modules belong to two Address Categories (KeyProx). - Only the G2-44+ has the option for the 2-way audio modules and a GSM-dialler. - The Ethernet and MAX Module (1x) can be used from software V1.4. - The V-Plex Module simulates RIO Addresses.