

Technical manual for

# HP9642

CAN bus keypad & LED

Firmware version 1.1

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## 2.2) Keys

Default CAN bus ID = 0x451

Byte	Bit 7 128	Bit 6 64	Bit 5 32	Bit 4 16	Bit 3 8	Bit 2 4	Bit 1 2	Bit 0 1
0	M-key 8	M-key 7	M-key 6	M-key 5	M-key 4	M-key 3	M-key 2	M-key 1
1	M-key 16	M-key 15	M-key 14	M-key 13	M-key 12	M-key 11	M-key 10	M-key 9
2	Sequence A			M-key 21	M-key 20	M-key 19	M-key 18	M-key 17
3	T-key 8	T-key 7	T-key 6	T-key 5	T-key 4	T-key 3	T-key 2	T-key 1
4	T-key 16	T-key 15	T-key 14	T-key 13	T-key 12	T-key 11	T-key 10	T-key 9
5	Sequence B			T-key 21	T-key 20	T-key 19	T-key 18	T-key 17
6	Sequence D				Sequence C			
7	Version number, major (1).				Version number, minor (1).			

## 2.3) Keys, sequence

Default CAN bus ID = 0x452

Byte	Bit 7 128	Bit 6 64	Bit 5 32	Bit 4 16	Bit 3 8	Bit 2 4	Bit 1 2	Bit 0 1
0	Sequence key 4-A		Sequence key 3-A		Sequence key 2-A		Sequence key 1-A	
1	Sequence key 8-A		Sequence key 7-A		Sequence key 6-A		Sequence key 5-A	
2	Sequence key 12-A		Sequence key 11-A		Sequence key 10-A		Sequence key 9-A	
3	Sequence key 4-B		Sequence key 3-B		Sequence key 2-B		Sequence key 1-B	
4	Sequence key 8-B		Sequence key 7-B		Sequence key 6-B		Sequence key 5-B	
5	Sequence key 12-B		Sequence key 11-B		Sequence key 10-B		Sequence key 9-B	
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0

Sequence A:

Press	Decimal	Binary
#1	1	0 1
#2	2	1 0
#3	0	0 0

Sequence B:

Press	Decimal	Binary
#1	1	0 1
#2	3	1 1
#3	0	0 0

