

REDLINE INSTRUMENTS

Eight Channel Monitor With MODBUS

Function 4	INPUT REGISTERS			Shows Input from HEAD UNIT	
Register #	Internal#	Channel		Range	RS232 Interface
30001	0	1	PPM	0-100	9600 baud 8N1 Default Modbus Address = 7
30002	1	2	PPM	0-100	
30003	2	3	PPM	0-100	
30004	3	4	PPM	0-100	
30005	4	5	PPM	0-100	
30006	5	6	PPM	0-100	
30007	6	7	PPM	0-100	
30008	7	8	PPM	0-100	
30009	8	1	Vbatt	0-95	x100mVolts (95 = 9.5V)
30010	9	2	Vbatt	0-95	
30011	10	3	Vbatt	0-95	
30012	11	4	Vbatt	0-95	
30013	12	5	Vbatt	0-95	
30014	13	6	Vbatt	0-95	
30015	14	7	Vbatt	0-95	
30016	15	8	Vbatt	0-95	
30017	16	1	Rssi	0-255	
30018	17	2	Rssi	0-255	
30019	18	3	Rssi	0-255	
30020	19	4	Rssi	0-255	
30021	20	5	Rssi	0-255	
30022	21	6	Rssi	0-255	
30023	22	7	Rssi	0-255	
30024	23	8	Rssi	0-255	
30025	24	1	Mode	0-13	See Head Unit Manual for Descriptions of MODES 0=Normal Operation 1=NULL 2=CAL 4=Set Addr Etc.
30026	25	2	Mode	0-13	
30027	26	3	Mode	0-13	
30028	27	4	Mode	0-13	
30029	28	5	Mode	0-13	
30030	29	6	Mode	0-13	
30031	30	7	Mode	0-13	
30032	31	8	Mode	0-13	
30033	32	1	Msg Timer	0-999	Counts Seconds Since the last Head Unit Transmission.
30034	33	2	Msg Timer	0-999	
30035	34	3	Msg Timer	0-999	
30036	35	4	Msg Timer	0-999	
30037	36	5	Msg Timer	0-999	
30038	37	6	Msg Timer	0-999	
30039	38	7	Msg Timer	0-999	
30040	39	8	Msg Timer	0-999	

Function 3

HOLD REGISTERS

Set through the Monitor Front Panel

Register #	Internal#	Channel		Range	
40001	0	1	A Alarm Set Pt.	0-127	0 disables Alarms
40002	1	1	B Alarm Set Pt.	0-127	
40003	2	1	C Alarm Set Pt.	0-127	
40004	3	1	D Alarm Set Pt.	0-127	
40005	4	2	A Alarm Set Pt.	0-127	
40006	5	2	B Alarm Set Pt.	0-127	
40007	6	2	C Alarm Set Pt.	0-127	
40008	7	2	D Alarm Set Pt.	0-127	
40009	8	3	A Alarm Set Pt.	0-127	
40010	9	3	B Alarm Set Pt.	0-127	
40011	10	3	C Alarm Set Pt.	0-127	
40012	11	3	D Alarm Set Pt.	0-127	
40013	12	4	A Alarm Set Pt.	0-127	
40014	13	4	B Alarm Set Pt.	0-127	
40015	14	4	C Alarm Set Pt.	0-127	
40016	15	4	D Alarm Set Pt.	0-127	
40017	16	5	A Alarm Set Pt.	0-127	
40018	17	5	B Alarm Set Pt.	0-127	
40019	18	5	C Alarm Set Pt.	0-127	
40020	19	5	D Alarm Set Pt.	0-127	
40021	20	6	A Alarm Set Pt.	0-127	
40022	21	6	B Alarm Set Pt.	0-127	
40023	22	6	C Alarm Set Pt.	0-127	
40024	23	6	D Alarm Set Pt.	0-127	
40025	24	7	A Alarm Set Pt.	0-127	
40026	25	7	B Alarm Set Pt.	0-127	
40027	26	7	C Alarm Set Pt.	0-127	
40028	27	7	D Alarm Set Pt.	0-127	
40029	28	8	A Alarm Set Pt.	0-127	
40030	29	8	B Alarm Set Pt.	0-127	
40031	30	8	C Alarm Set Pt.	0-127	
40032	31	8	D Alarm Set Pt.	0-127	
40033	32	1	Head Unit Addr.	1-255	
40034	33	2	Head Unit Addr.	1-255	
40035	34	3	Head Unit Addr.	1-255	
40036	35	4	Head Unit Addr.	1-255	
40037	36	5	Head Unit Addr.	1-255	
40038	37	6	Head Unit Addr.	1-255	
40039	38	7	Head Unit Addr.	1-255	
40040	39	8	Head Unit Addr.	1-255	
40041	40	1	Status	0=OFF	
40042	41	2	Status	1=Radio in	
40043	42	3	Status	2=4-20mA in	
40044	43	4	Status		
40045	44	5	Status		
40046	45	6	Status		
40047	46	7	Status		
40048	47	8	Status		