

OPERATIONS MANUAL





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Programming

FLINK

Intelli-Hood[®]Controls

Set-Up Mode

To enter SET-UP mode, press both the SELECT switch and the ENTER switch and hold for 15 seconds. When SET-UP mode is accessed, the Keypad will beep three times.



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To Edit Programming

- After entering SET-UP mode, the Keypad will beep three times; if the system is unlocked, the first 7-segment display will show -H1-. If an L is shown, unlock system as shown on page 8.
- Pressing the SELECT switch will change the -H1- to a -H2-; pressing the SELECT switch again will change the -H2- to a -H3-, and so on. Scroll to the desired hood number. The FANS switch may be used to scroll in reverse (The sequence will be: -H1-, -H2-, -H3-, -H4-, -SY-, -UF-, CAL.-).
- 3. Pressing ENTER will move the hood number to the first and second 7-segment displays. The third and fourth 7-segment displays will start with a flashing 01 to signify the parameter number, with the bar graph showing the current setting.
- Pressing the SELECT switch will scroll to subsequent numbers, moving forward through the parameters. The FANS switch may be used to scroll in reverse.
- 5. Pressing ENTER makes the third and fourth 7-segment displays solid and the LED in the bar graph will start flashing.
- 6. Pressing the SELECT or FANS switches will scroll up and down the bar graph. When the desired setting is reached, pressing the ENTER switch will confirm the setting and make the bar graph LED solid (and the third and fourth 7-segment displays will begin blinking again).
- 7. To exit the hood menu, press the 100% / RESET switch.
- 8. To exit the SET-UP mode completely, press the 100% / RESET switch again.
- 9. The Keypad will go back to normal display mode.



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Press and hold the both the SELECT switch and the ENTER switch for 15 seconds. An L (non-flashing) will show on the 4-digit display and the Keypad will beep three times.

Press and hold the both the SELECT switch and the ENTER switch for 15 seconds. An -H1- will show on the 4-digit display and the Keypad will beep one time.

Press 100% / RESET to exit SET-UP mode.



To Lock Programming

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Programming

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Press and hold the both the SELECT switch and the ENTER switch for 15 seconds. An -H1- will show on the 4-digit display and the Keypad will beep three times.

Press and hold the both the SELECT switch and the ENTER switch for 15 seconds. An L will show on the 4digit display and the Keypad will beep one time.

Press 100% / RESET to exit SET-UP mode.

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Programming: Simplissimo

HOOD MENU

MELINK®

Basic Settings

(Defaults in Red)

	01	02	03	04	05	06	07	08	09	10
Bar Graph	Exhaust Temp Span	Min. Fan Speed	Max. Fan Speed	Exhaust Temp. Alarm	Hood 24VAC Output	No. Hood Sensors	Auto On/Off	VFD Address	Add. VFD Address	Short- Cycle Ratio
10	70-85F	Auto	100%	FLASH AUD350F	24/7	No Sensors				
9	70-80F	90%	95%	FLASH AUD300F	Fault	10	See Auto On/Off		No Add. VFD	
8	Auto TempSpan	80%	90%	FLASH AUD250F	Mom Rel	4T/10	Temps in Setting 16		15&16	80%
7	75-150	70%	85%	FLASH AUD200F	MUA Cool	3T/1O			13&14	70%
6	75-140	60%	80%	FLASH AUD150F	MUA Heat	2T/1O	Heat-20%		11&12	60%
5	75-130	50%	75%	FLASH 350F	MUA Damper	1T/1O	Heat-15%	No VFD	9&10	50%
4	75-120	40%	70%	FLASH 300F	Fans On	4T	Heat-10%	4	8	40%
3	75-110	30%	65%	FLASH 250F	Smoke	3Т	Heat-5%	3	7	30%
2	75-100	20%	60%	FLASH 200F	Exhaust Temp	2T	Heat-0%	2	6	20%
1	75-90	10%	55%	FLASH 150F	No	1T	No	1	5	No

Advanced Settings

	11	12	13	14	15	16	17	18	19
Bar Graph	Hood Relay Input (Dry)	Relay Inputs to Utilize	Optic Sensor Address*	Scheduling	Temp Span Min	Auto. On/ Off Temp.	CFM Ratio for MUA/ AUX Output	Cable Length	VFD Software
10	T-Stat & 90%						None		
9	T-Stat & 80%					95F/80F	9		
8	T-Stat & 75%	None		Sched. 1, 2, 3		90F/80F	8		
7	T-Stat & 70%	System 1, 2		Sched. 1, 3		85F/80F	7		
6	T-Stat & 60%	Hood & System 2		Sched. 2, 3		95F/75F	6	Enter	
5	T-Stat & 50%	Hood & System 1		Sched. 1, 2	85F	90F/75F	5	length	
4	100% on Closure	System 2	Hood 4	Sched. 3 Only	80F	85F/75F	4		
3	Rem Enable	System 1	Hood 3	Sched. 2 Only	75F	80F/70F	3		
2	Rem On/ Off	Hood & System 1,2	Hood 2	Sched. 1 Only	70F	75F/70F	2		IMO PC
1	No	Hood Only	Hood 1	No	65F	70F/70F	1		AB PF4-40

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STEP

Programming: Simplissimo

SYSTEM MENU

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(Defaults in Red)

	9-01	9-02	9-03	9-04	9-05	9-06	9-07	9-08	9-09	9-10
Bar Graph	4-20mA/ 0-10vdc Aux Out	4-20mA Aux In	Optics Hang Time	System Relay Input 1 (Dry)	System Relay Input 2 (Dry)	Bypass Timer	Comfort Mode Sensors	Misc.	System 24VAC Output	Optics Alignment Check
10				T-Stat&90%	T-Stat &90%	4 Hrs			24/7	
9	Ext In			T-Stat&80%	T-Stat &80%	3 Hrs			Fault	
8	VFD Address 4			T-Stat&75%	T-Stat &75%	2 Hrs		ConvCool/ WinSB/IB	Mom Rel	
7	VFD Address 3	Aux Avg	180 Sec	T-Stat&70%	T-Stat &70%	1 Hr		Conv Cool/ Int Bar	MUA Cool	
6	VFD Address 2	Aux Sub	90 Sec	T-Stat&60%	T-Stat &60%	45 Min		Win SB/Int Bar	MUA Heat	
5	VFD Address 1	Aux Add	60 Sec	T-Stat&50%	T-Stat &50%	30 Min		Conv Cool Only	MUA Damper	Exit
4	Lowest	Average	25 Sec	100% on Closure	100% on Closure	15 Min	Econo + Auto	Win SB Only	Fans On	Hood 4
3	Highest	Subtract	15 Sec	Rem Enable	Rem Enable	10 Min	Auto Span	Int Bar	Smoke	Hood 3
2	Average	Add	10 Sec	Rem On/Off	Rem On/Off	5 Min	Economizer	Conv Cool/ Win SB	Exhaust Temp	Hood 2
1	No	No	5 Sec	No	No	No	No	No	No	Hood 1

	9-11	9-12	9-13	9-14	9-15	9-16	9-17	9-18	9-19	9-20
Bar Graph	NO/NC Relay 15A @230VAC	Time Set	Schedule 1 Active Days	Schedule 1 Start	Schedule 1 Duration Time	Schedule 1 Options	Schedule 2 Active Days	Schedule 2 Start	Schedule 2 Duration Time	Schedule 2 Options
10		C7: DST			5 hrs				5 hrs	
9	Fault	Select			4.5 hrs				4.5 hrs	
8	Mom Rel	C6: Year	Sun-Mon		4 hrs		Sun-Thurs		4 hrs	
7	MUA Cool	C5: Day	Sat-Sun	D	3.5 hrs		Sat-Sun	D	3.5 hrs	
6	MUA Heat	C4: Month	Fri-Sun	Program Hour	3 hrs		Fri-Sun	Program Hour	3 hrs	
5	MUA Damper	C3: Day of Week	Fri-Sat	(Default: 1)	2.5 hrs		Fri-Sat	(Default: 1)	2.5 hrs	
4	Fans On	C2: Minute	Mon-Thurs	(,)	2 hrs	On/Off Sched	Mon-Thurs	(,)	2 hrs	On/Off Sched
3	Smoke	C1: Hour	Mon-Fri		1.5 hr	100% Sched	Mon-Fri		1.5 hr	100% Sched
2	Exhaust Temp	Enter time/	All		1 hr	100% If On	All		1 hr	100% If On
1	No	uale	None		0.5 hr	Not Used	None		0.5 hr	Not Used

Continued

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STEP

Programming: Simplissimo

SYSTEM MENU

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(Defaults in Red)

	9-21	9-22	9-23	9-24	9-25	9-26	9-27	9-28	9-29	9-30
Bar Graph	Schedule 3 Active Days	Schedule 3 Start	Schedule 3 Duration Time	Schedule 3 Options	Keypad Function Disable	Cmft. Mode Space Temp	Cmft. Mode Supply Temp	MUA Heat If Kitchen <	MUA Heat If Supply <	MUA Cool If Kitchen >
10			20 hrs			77		74F		80F
9			18 hrs			76		73F	65F	79F
8	Sun-Thurs		16 hrs		Byp+Lights	75	72	72F	63F	78F
7	Sat-Sun		14 hrs		Fans+Byp	74	71	71F	60F	77F
6	Fri-Sun	Program Hour	12 hrs		Fans+ Lights	73	70	70F	58F	76F
5	Fri-Sat	(Default: 1)	10 hrs		Bypass	72	69	69F	55F	75F
4	Mon-Thurs	()	8 hrs	On/Off Sched	Lights	71	68	68F	53F	74F
3	Mon-Fri		6 hrs	100% Sched	Fans	70	67	67F	50F	73F
2	All		4 hrs	100% If On	All	69	66	66F	48F	72F
1	None		2 hrs	Not Used	No	68	Tk>To	65F	45F	71F

	9-31	9-32	9-33	9-34	9-35	9-36	9-37	9-38	9-39	9-40
Bar Graph	Add. MUA Address	AUX VFD Software	Gain for AUX Input	Modem Options	Data Log Sample Rate	US / SI Units Selection	Day On/ Day Off Monitoring	Smoke Density	Fire Safety	Full Speed @ Start
10			150%							
9			140%							
8			130%							
7			120%		5 min					
6	31,32,33		110%		3 min					5 Min.
5	31,32		100%	Wireless IP	2 min					4 Min.
4	33		90%	Wireless Dial-Up	1 min	24H Degrees C		Proportional		3 Min.
3	32		80%	9+Auto-Dial	30 sec	12H Degrees C		Heavy	All Hoods	2 Min.
2	31	IMO PC	70%	Auto-Dial	10 sec	24H Degrees F	Active	Medium	Alarm Hood Only	1 Min.
1	No	A-B	60%	No	No	12H Degrees F	Disabled	Light	No	No

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Returns

No returns will be accepted without prior written approval from Melink Corporation. All returned shipments must be prepaid and are subject to handling charges.

Damaged Shipments

Notify the carrier in the event of damaged shipments, whether they are apparent at the time of delivery or when unpacked. File a complaint with the carrier, as the customer is responsible for the collection of damage claims.

Warranty

To validate the warranty, complete and return the warranty validation form in the Owner's Manual. Complete one form for each system installed and send to Melink Corporation at the following address within 10 days:

> Melink Intelli-Hood[®] Attn: Warranty Validation 5508 Fair Lane Cincinnati, OH 45227

Melink Corporation extends this warranty to the original buyer and warrants that Melink products shall be free from original defects in workmanship and material for three years from date of shipment, provided same has been properly stored, installed, operated, maintained, and serviced. This warranty does not apply to products which have been altered or repaired without expressed written authorization from Melink Corporation, or altered or repaired in any way so as to affect its performance or its reliability, nor which have been subjected to misuse, negligence or accident. The buyer assumes responsibility for all risks and liabilities resulting from the use of these products.

Melink Corporation is not responsible for the cost of removal of the defective product or part, damages due to removal, or any expenses incurred in shipping the product or part to or from the plant, or the installation of the repaired or replaced product or part.

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4	warranty	
Please complete this form and	fax to Melink at (513) 527-7023, or send	by mail to:
Melink Corporation, 5508 Fair La	ne, Cincinnati, OH 45227.	
Owner	Date	
Company		
Address		
City	State Zip	
Country		
Phone	Fax	
Email		
MODEL	(located inside l/	O Processor)
SERIAL NO	(located inside l/	O Processor)
Installer		
Address		
City	State Zip	
Phone		
Date of Installation & Start-U	lp	

Call Melink Customer Service at 513-527-7020 if you have any questions.

Please let us know how we can improve our Operations Manual. We want your experience with our product to exceed all expectations.

