




# Manulink-2

## Electronic Manual Override Controller

The Manulink-2 provides a manual override control or a loop-through of a 0-10V signal. It offers the possibility to control slave units and supplementary controllers. The Manulink-2 can be set on automatic mode (loop-through), on manual mode or can be switched off. This enables full control of the 0-10V signal. With the three 0-10V outputs, the Manulink-2 can control several slave units in parallel. It can also be used as a 0-10V output signal inverter and as a 0-10V signal booster.

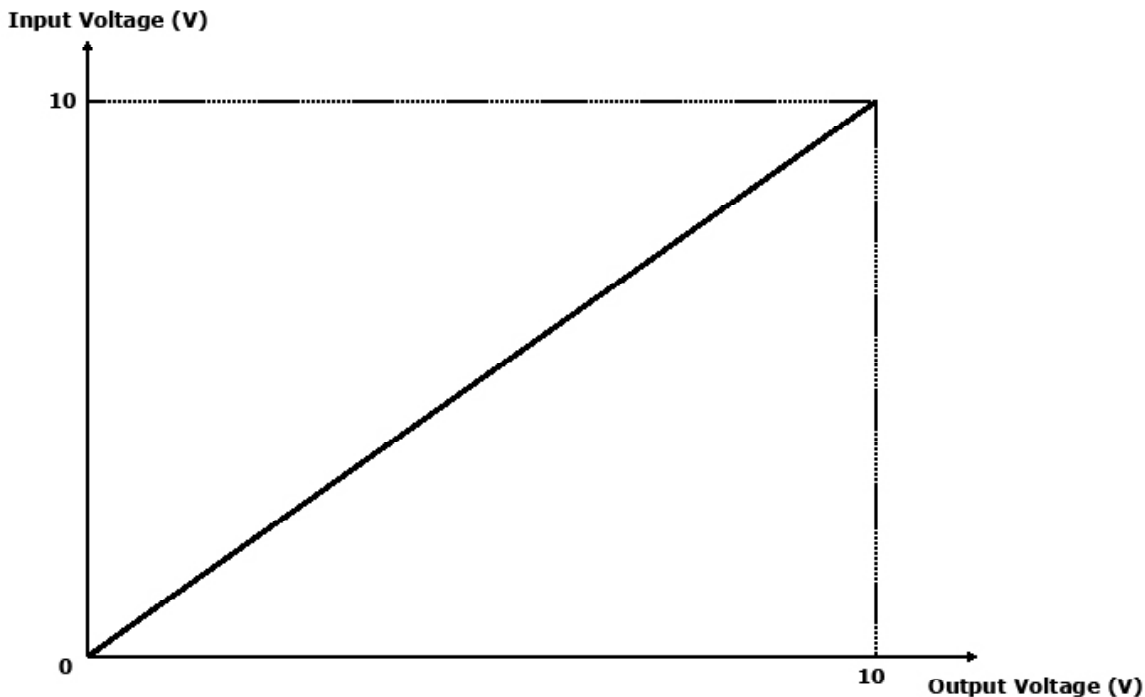
<p><b>Benefits</b></p> <ul style="list-style-type: none"> <li>• Easy to install</li> <li>• Easy to operate</li> <li>• Applicable for both new and existing ventilation systems</li> </ul> <p><b>Features</b></p> <ul style="list-style-type: none"> <li>• Manual override control of a 0-10V input</li> <li>• Automatic 0-10V input control possible</li> <li>• Configurable for 0-10V or 10-0V control signal input</li> <li>• Configurable as output signal inverter (from 0-10V to 10-0V and vice versa)</li> <li>• 3 outputs 0-10V (250mA total) to control multiple slave units</li> </ul>	
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Inputs	Adjustments	Outputs
0-10V or 10-0V	Configurable for 0-10V or 10-0V input by DIP switch setting  Switch: <ul style="list-style-type: none"> <li>• Manual control</li> <li>• Automatic Control</li> <li>• Off</li> </ul>	3 x 0-10V to control fans, air inlets or additional controls

## Specifications Manulink-2

Definition	Min.	Typ.	Max.	Units	Notes
Controller Type					Manual override
Mains supply	207	230	253	V	Single-phase
Mains frequency	50		60	Hz	
Input voltage range	0		10		
Input impedance		25		kΩ	
0-10V output			250	mA	83 mA per output
Accuracy on variable outputs		±1		%	In automatic mode
Housing					IP54 plastic housing
Weight (unpacked)		0,7		kg	
Dimensions (W x H x D)		165 x 150 x 130		mm	
Operational temperature	0		40	°C	
Storage temperature	-15		50	°C	
Ambient relative humidity			95	%	

## Control Diagram Manulink-2



**Vostermans Ventilation developed the open modular system Mf-Net for various applications. Mf-Net is applied in agricultural and industrial market segments.**



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