## PCD7.L60x RIO Mode

Related Versions F-Box: 1.1.220 Room Controller 1.03 – 1.05

## Actual the RIO F-Box doesn't support the fan speed relay control. Here you will find a proposal for a workaround.

#### In General:

The RIO F-Box must be replaced by the Room F-Box and in the Config F-Box the application parameter is set to "Electric heating only". Therefore all analogue outputs Y1 - Y4 are not bounded to the application program and can be controlled by the AO-Fbox. The Fan speed relays are controlled by writing to the FanMin and FanMax registers of the Room F-Box.

Please note:

Because of a incompatible text in the English and French texts, it's not possible to set up the required application. Install the last maintenance F-Box Version 1.1.225 OR

Change the library language for parameter set up to German, and afterwards switch it back to your preferred language.

## Workaround 1:

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The Room F-Box communicates permanent.

Advantage: Easy to program

Disadvantage: The Communication cycle lasts approximately 10 times longer than with "Change of Value"

	MyRoom,ref.Channel	10	Room.L60x.Room4.CmdMode
EnRoom -	L60x Room		ref.MyRoom
OccMode = Setpoint	-OccMode Setpoint- -SetPt Temp-		ref.MyRoom Y2 L60× AO
	HeatY CoolY HeatEl		ref:MyRoom Y3 L60× AO ref:MyRoom
	FanSpeed Err-		
💁 Adjust: L60x Room		FanSpeed	Room.L60x.Room4.FanMin Room.L60x.Room4.FanMax
Read All Write all Set De	faults Info He	lp OK Can	
Station number Auto-configuration	> 1   > Yes		
Room controller works Station is master station	> autonomously > 250	< > On < > On	
Transmit values	> Permanent 💌		a kasala kasala kasala kasala kasala kasala ka

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# Workaround 2:

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The Room F-Box communicates only in change of value Advantage: Quick response Disadvantage: A little bit more complicated to program

ForceSend -	Deers of Channel	10	Room.L60x.Room4.CmdMode
• • • • • • • • • • • • • • • • • • •	Room,ref.Channel		ref.MyRoom
EnRoom	n Occupied -		Y1 L60× AO
OccMode	ccMode Setpoint-		ref:MyRoom
Setpoint -	etPt Temp		
	HeatY		ref:MyRoom
	CoolY-		
	HeatEl		ref:MyRoom
	FanSpeed-	Cmp Blink	Y4 L60× AO
and there is a second the second the		= PEn Q+	n the state of the
			ForceSend
	FanSpeed		Room. L60x. Room4. FanMin
Adjust: L60x Room			Room.L60x.Room4.FanMax
Read All Write all Set Defau	lts Info Help	OK Cancel	
Station number	> 1		
Auto-configuration	> Yes 👻		
Room controller works	> autonomously - < >		$\begin{array}{c} . & . & . & . & . & . & . & . & . & . $
Station is master station	> 250 < >	Orr	
Transmit values	> Change value 💌		
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