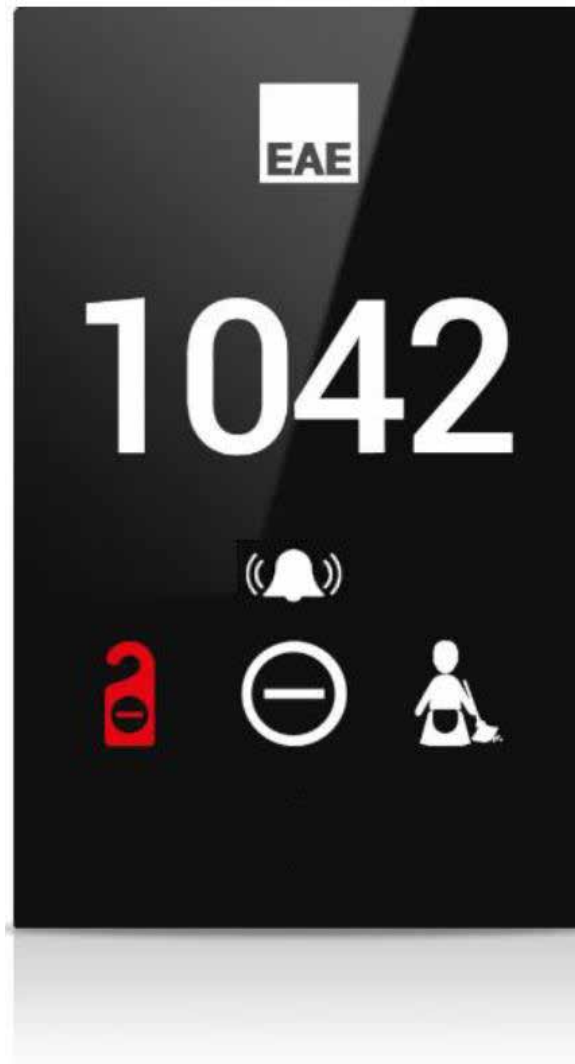




EAE MONA DND/MUR

Product Manual Mona DND/MUR





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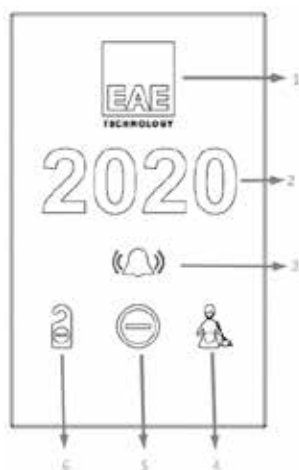
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1. General

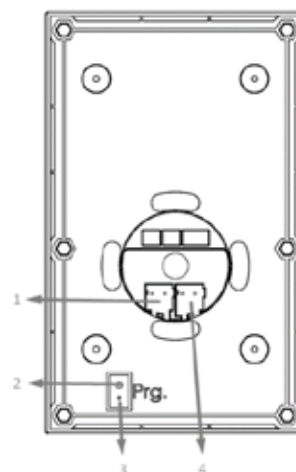
The Mona series DND MUR display, where you can easily see whether your guests are in the room, consists of a glass touch screen and includes room number, hotel logo, DND, Make Up indicators and doorbell buttons.

2. Device Technology

2.1. Button Definitions



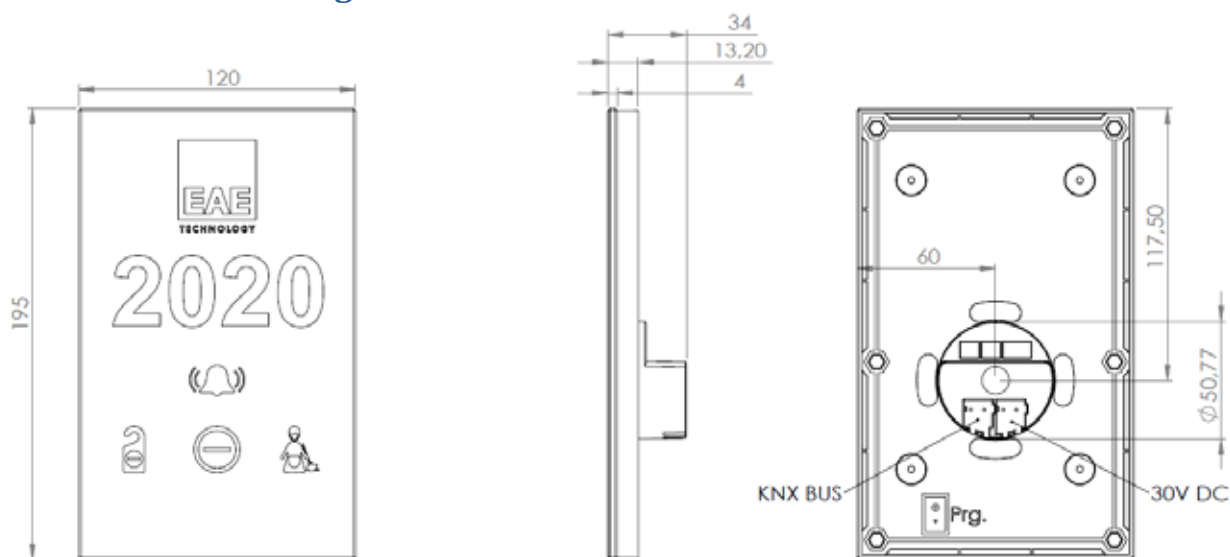
Front Side	Back Side
1- Logo	1- KNX Bus
2- Room Nr.	2- Physical address programming button
3- Buzzer Button	3- Physical address programming LED
4- MUR Indicator	4- 30V DC (KNX AUX)
5- Occupancy LED	
6- DND Indicator	



2.2. Technical Data

Protection Grade	IP 20	EN 60529
Safety Class	II	EN 61140
Operating Voltage	Voltage	21V... 30V DC, via the KNX bus
	Current drawn from KNX Bus	< 5 mA
	Current drawn from AUX	< 60 mA
Connections	KNX	Bus Connection Terminal
	AUX	AUX Connection Terminal
Operating Temperature	Ambient	-5° C + 45° C
	Storage	-25° C + 55° C
Humidity	Max. Air humidity condensation	95% no moisture
Dimensions	Front Side	120 x 195 mm
	Side- Surface mounted part	13.2 mm
	Side- Flush mounted part	20.8 mm
Weight	110 g	
Box Material	Surface : Glass	
	Flush Mounted Part : Polycarbonate	
CE	In accordance with the EMC guideline and low voltage directives.	

2.3. Technical Drawings



3. Communication Object Table

No.	Object Name	Function	Number of Bits	Flags
0	General, In operation	Active	1	CRT
1	Bell	Bell Status	1	CRT
2	Room State	Presence	1	CW
3	Room State	Presence Status	1	CRT
4	Room State	DND	1	CW
5	Room State	DND Status	1	CRT
6	Room State	MUR	1	CW
7	Room State	MUR Status	1	CRT
8	Room State	Laundry	1	CW
9	Room State	Landry Status	1	CRT
10	Room State	Normal:0, MUR:1, DND:2	8	CW
11	General Purpose Output 1	Control Value 1	1	CW
12	General Purpose Output 1	Status Control Value 1	1	CRT
13	General Purpose Output 2	Control Value 2	1	CW
14	General Purpose Output 2	Status Control Value 2	1	CRT

4. Parameters and Communication Objects

4.1. General

General parameter includes;

In Operation (Device Alive) Function

4.1.1. Parameters

Parameter	Settings	Description
In Operation Telegram	Enable/ Disable	In operation can be used to ensure that device is alive and connected to KNX line.
Telegram Value	0 / 1	Visible when “Enable In Operation” enabled. Bit value to send as device alive operation bit.
Telegram Transmit Interval	0... 300 ...65535 s	Visible when “Enable In Operation” enabled. Cyclic time period for sending in operation bit.
Logo Led Colour	Led Off, Red, Yellow, Green, Cyan, Blue, Magenta, White	Selects the colour of Logo or turns Off the Logo LED.
Room Number Led Colour	Led Off, Red, Yellow, Green, Cyan, Blue, Magenta, White	Selects the colour of Room Number or turns Off the Room Number LED.

4.1.2. Communication Objects

No	Object Name	Function	Data Type	Flags
0	General	In Operation	1 Bit DPT 1.002	CRT
In operation value (0,1) selected through “In Operation > Telegram Value” parameter will be sent via the group address which is linked to this communication object				

4.2. Bell

4.1.1. Parameters

Parameter	Settings	Description
Button Mode	Normal (On-Off with button) Timing for Off Operation	This parameter is used to select the behavior for the Bell button.
Bell Time	1... 10 ...30 s	This parameter is shown if the Button Mode is selected as "Timing for Off Operation". It defines the bell timeout.
No Presence Color	Led Off , Red, Yellow, Green, Cyan, Blue, Magenta, White	Selects the LED state and color when Bell is OFF.
Presence Color	Led Off, Red, Yellow, Green, Cyan, Blue , Magenta, White	Selects the LED state and color when Bell is ON.

4.1.2. Communication Objects

No	Object Name	Function	Data Type	Flags
1	Bell	Bell Status	1 Bit DPT 1.001	CRT
Bell status can be sent via this object if the Bell button is pressed.				
2	Room State	Presence	1 Bit DPT 1.001	CW
Presence information can be written to device via this object.				
3	Room State	Presence Status	1 Bit DPT 1.001	CRT
Presence status can be sent via this object if the presence information received from it is active, bell button will be allowed to press.				

4.3. DND-MUR

4.1.1. Parameters

Parameter	Settings	Description
DND-MUR Enumerated Object	Disable / Enable	This parameter activates an additional object to change the modes between Normal, DND and MUR states via 1 Byte object.
DND		
Colour for Off	Led Off , Red, Yellow, Green, Cyan, Blue, Magenta, White	Selects the LED state and color when DND mode is OFF.
Colour for On	Led Off, Red , Yellow, Green, Cyan, Blue, Magenta, White	Selects the LED state and color when DND mode is ON.
MUR		
Colour for Off	Led Off , Red, Yellow, Green, Cyan, Blue, Magenta, White	Selects the LED state and color when MUR mode is OFF.
Colour for On	Led Off, Red, Yellow, Green , Cyan, Blue, Magenta, White	Selects the LED state and color when MUR mode is ON.

4.1.2. Communication Objects

No	Object Name	Function	Data Type	Flags
4	Room State	DND	1 Bit DPT 1.001	CW
DND Mode can be activated via this object. 0 = Deactivate, 1 = Activate				
5	Room State	DND Status	1 Bit DPT 1.001	CRT
DND Mode information will be sent via this object. 0 = Deactive, 1 = Active				
6	Room State	MUR	1 Bit DPT 1.001	CW
MUR Mode can be activated via this object. 0 = Deactivate, 1 = Activate				
7	Room State	MUR Status	1 Bit DPT 1.001	CRT
MUR Mode information will be sent via this object. 0 = Deactive, 1 = Active				
8	Room State	Laundry	1 Bit DPT 1.001	CW
Laundry Mode can be activated via this object. 0 = Deactivate, 1 = Activate				
9	Room State	Landry Status	1 Bit DPT 1.001	CRT
Laundry Mode information will be sent via this object. 0 = Deactive, 1 = Active				
10	Room State	Normal:0, MUR:1, DND:2	1 Byte DPT 5.010	CW
Modes can be changed via this object.				

4.4. Laundry

4.1.1. Parameters

Parameter	Settings	Description
Laundry		
Colour for Off	Led Off , Red, Yellow, Green, Cyan, Blue, Magenta, White	Selects the LED state and color when Laundry mode is OFF.
Colour for On	Led Off, Red, Yellow, Green, Cyan , Blue, Magenta, White	Selects the LED state and color when Laundry mode is ON.

4.1.2. Communication Objects

No	Object Name	Function	Data Type	Flags
1	Room State	Laundry	1 Bit DPT 1.001	CW
Laundry Mode can be activated via this object. 0 = Deactivate, 1 = Activate				
2	Room State	Landry Status	1 Bit DPT 1.001	CRT
Laundry Mode information will be sent via this object. 0 = Deactive, 1 = Active				

4.5. Relay

4.1.1. Parameters

Parameter	Settings	Description
RELAY 1		
Function	Bell General Purpose Disable	This parameter is used to select relay output as either Bell switching or individual control.
Contact Type	Normally Open Normally Close	This parameter will be shown if the Function is selected as "General Purpose". It is used to select 1 st relay output contact type.
RELAY 2		
Function	General Purpose Disable	This parameter activates the relay output individually.
Contact Type	Normally Open Normally Close	This parameter will be shown if the Function is selected as "General Purpose". It is used to select 2 nd relay output contact type.

4.1.2. Communication Objects

No	Object Name	Function	Data Type	Flags
11	General Purpose Output 1	Control Value 1	1 bit DPT 1.001	CW
This group object will be shown if the Relay 1 Function is selected as "General Purpose". It is used to control the Relay 1 output.				
12	General Purpose Output 1	Status Control Value 1	1 bit DPT 1.001	CRT
Relay 1 output information will be sent via this object.				
13	General Purpose Output 2	Control Value 2	1 bit DPT 1.001	CW
This group object will be shown if the Relay 2 Function is selected as "General Purpose". It is used to control the Relay 2 output.				
14	General Purpose Output 2	Status Control Value 2	1 bit DPT 1.001	CRT
Relay 2 output information will be sent via this object.				