# Assistant software for DALI group setting

### 1) Installing the software

### 2) Add one device

Main form->Add device->M/DALI.1->set physical address and remark->Add

OK.

HDL KNX	Assistant Sol	ftware V1.1-10				
	Add Device	Clear Device	Edit Devi	ice		
Index	Physical	address	Device	type	Remark	
	ſ	Add Device				
		Add Device Device Type	5	M/DALI.1	-	
		Add Device Device Type Physical add	: ress:	M/DALI.1 M/DLP04.1(1.0) M/DLP04.1(1.1) M/IRAC.1	-	Add

Add result:

		/	
etting Device ir	Add Device Clear Device	Edit Device	
Index	Physical address	Device type	Remark
1	1.1.1	M/DALI.1	

## 3) Input DALI Mange Group Address

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Topology in DALI					
DALI	Nu Name	Object Function Description	Group Addresses	L	
1 New Area	□210 Central	Switch(1bit)		1	
in 1.1 New Line	11 Central	Relative dimmi	1/1/2	4	
	III Central	Absolute dimmi	1/1/5	1	
	■295 Channel 1	Switch(1bit)	1/1/1	1	
	교려96 Channel 1	Relative dimmi	1/1/3	4	
	III 97 Channel 1	Absolute dimmi	1/1/4	1	
	Annel 2	Switch(1bit)		1	
	IIII Channel 2	Relative dimmi	1/1/6	4	
	同门 Channel 2	Absolute dimmi	1/1/7	1	
	□. DALI Manage	Request string	0/0/20	1	
	□Z 2 DALI Manage	Response string	0/0/21	1.	

	M/DALI.1		
g	Basic infomation		
e infe	Physical address: 1 . 1 .	Remark:	
	DALI Manage Group Address(Request string):		
	DALI Manage Group Address(Response string):	0 🚖 /0 🜲 / 21 🜲	Modify
	Group infomation		
	` <b>`</b> 」 <b>」</b>   \$ \$   <b>C</b>  + ≠	II 🕴 😏 III 😋	
	Group No. Remark:	Group infomation	

## 4) Read information of Group

HDL K			
×	- la 🕺 🤌		
Setting	M/DALI. 1		
Device	Basic infomation		
Index	Physical address: 1 🗘 . 1 📚	. 1 📚 Remark:	
-	DALI Manage Group Address(Request s	tring): 0 🗢 / J 💠 / 20 🗢	
	DALI Manage Group Address(Response	string): 0 🗘 /0 🛟 / 21 🛟	Modify
	Group infomation		
	! <b>``」」</b>   ₿ \$    <b>C</b>  + ₹	2    8   🥠    🗘	
	Group No. Remark:	Group infomation	
		-Kead status Read progress	22%100
		Stop read	Exit
	Device address: 1.1.1 Remark Downlo	ad mode: NET IP NetIP download mode: Routing Frame	
	Contraction of the second seco		

ApALL 1       asic infomation         Asic infomation       Physical address:       1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2			
Astic infomation         Physical address:       1 2 1 2         DALI Manage Group Address (Request string):       0 2 / 3 2 / 20 2         DALI Manage Group Address (Response string):       0 2 / 0 2 / 21 2         Modify       modify         roup infomation       0 2 / 0 2 / 21 2         Image Group Address (Response string):       0 2 / 0 2 / 21 2         Image Group Address (Response string):       0 2 / 0 2 / 21 2         Image Group Infomation       0 2 / 21 / 20         Image Group No.       Remark:       Group infomation         Image Group No.       Image Group No.       Remark:         Image Group No.       Image Group No.       Image Group No.         Image Group No.       Image Group No.       Imag	I/DALI.1		
Physical address:       1       1       Remark:         DAIL Manage Group Address (Request string):       0       /0       /21       Modify         DAIL Manage Group Address (Response string):       0       /0       /21       Modify         roup infomation             Croup No.       Remark:       Croup infomation          .       .       .       .       .         .       .       .       .       .         .       .       .       .       .         .       .       .       .       .         .       .       .       .       .         .       .       .       .       .         .       .       .       .       .         .       .       .       .       .         .       .       .       .       .         .       .       .       .       .         .       .       .       .       .       .         .       .       .       .       .       .         .       .       .       .       .       .	Basic infomat	ion	
DALI Manage Group Address (Request string):       0       /1       /2       Modify         DALI Manage Group Address (Response string):       0       /2       0       Modify         roup infomation       0       /2       0       0       0         Croup No.       Remark:       Group infomation       0       0       0       0         A28, A30, A31       0	Physical add	lress: 1 🗘 . 1 🗘 . 1 🗘	Remark:
DAIL Hanage Group Address (Response string):     0     /0     /21     Modify       roup infomation	DALI Manage	Group Address(Request string):	
roup infomation  Croup No. Remark:  Croup INO. Remark:  Croup INO	DALI Manage	Group Address(Response string):	0 🗘 /0 🗘 / 21 🗘 Modify
Croup No.     Remark:     Group infomation       k2, k3, k4, k5, k6, k7     k20, k21, k29       k20, k21, k29     k29, k30, k31       k1     k29, k30, k31       k2     k29, k30, k31       k3     k29, k30, k31       k4     k29, k30, k31       k4     k29, k30, k31       k4     k29, k30, k31       k4     k49, k30, k31       k5     k40, k40, k40, k40, k40, k40, k40, k40,	Group infomat	i on	
Group No.     Remark:     Group infomation       42, A3, A4, A5, A5, A7     A20, A21, A29       429, A30, A31     A29, A30, A31       4     Information of groups       5     Information of groups       6     Information of groups       1     Information		\$ \$   <b>¢</b>  + ≠  8	0
1     A2, A3, A4, A5, A6, A7       2     A20, A21, A29       3     A20, A21, A29       4     A30, A31       4     A30, A31       4     A30, A31       4     A30, A31       5     A30, A31       6     A30, A31       7     A30, A31	Group No.	Remark:	Group infomation
2     A20, A21, A29       A29, A30, A31       A       A       A       B   <	1		A2, A3, A4, A5, A6, A7
Aligned     Aligned	2		A20, A21, A29
a     Information of groups       b     Information of groups       b     Information of groups       b     Information of groups       c     Information of groups	3		A29, A30, A31
Information of groups       Information of groups       Information of groups       Information of groups	4		
Information of groups	5		
Image: Constraint of the constr	6	Inform	ation of groups
a	7		
Image: Constraint of the second of	8		
00         0           1         0           2         0	9		
	10		
2	11	1	
	12		
.3	13		
4 A44, A45, A46, A47	14		A44, A45, A46, A47
5 444, 445, 447	15		A44, A45, A46, A47
6	16		
svice address: 1.1.1   Remark   Download mode: NET IP   NetIP download mode: Routing Frame	Device addres:	s: 1.1.1   Remark   Download mode:	NET IP   NetIP download mode: Routing Frame

DALI devices will be random assignment at first time reading. Double click gridview; it

will enter into edit window, as below.

### 5) Function of DALI device main interface





Refresh all paramters from ballast to DALI master.

Read infomation from DALI device.

Write infomation to DALI device.

**Redistribute Address**(all addresses and devices will be re-created).

**Extension create address**(unaddressed devices).

Modify address (change to a empty address).



**Exchange address**(two device exchange address and device infomation).

•

clear all address(all address and device infomation will be clear).

clear current select address(selected address and device infomation will be clear).

**Detect and recovery missing device after power on**(Note:Only can recovery one device every times).

Modify current selected address level(min level,max level,power on level,failure level).

🖳 Modify address level				
Choose type:	Short address 💌			
Choose address:	[A6 ▼]			
Min level:	•	۲	86	Modify
Max level:	٠	•	254	Modify
Power on level:	4	•	254	Modify
Failure level:	•	•	254	Modify
Modify All	]		Exit	

Switch Info View(group/address view)

Mange Group

🔒 🚖 🍷 🦉 Kint   Drag  lick output Flicker Close others   All devices percent 🗰 🗸 Output	Max output: 100% 👻 Min output: 0% 💌
	G1 09 X
All DALI devices display here,	
	G6 G14
	G7 G15
	G8 G15
Device address: 1.1.1   Remark:   Download mode: NET IP   NetIP download mode: Routing Frame	1



it means that the light is bad.



it means that the light is normal.



it means that the barretter is normal.



it means this address/group is empty.



it means this group has device.

#### Function of this interface:



lock the form: if you click this button, you can't edit the interface.

Click again ( 🖬 ,unlock the form), you can edit the interface.

Writer infomation to DALI device : after edit, you can click this button for writing information to DALI device.

Selected group off: click this button, current group's devices will be off.

Selected group on: click this button, current group's devices will be on.

**Hint enable:** if enable it, you can look each device remark when take the mouse on the device or group. For example:

🔡 Current Selected Group:1	
All devices percent 0% V Output	Max output: 100% 🗸 Min output: 0% 🗸
Image: Constraint of the second se	



Hint

(1).if enable this function, you can add address to group through drag.

5	6 T	GI GI	Ga
13	14	G2	G10
21	22 23	G	G11

(2).drag to empty address will show modify address form.

	🖳 Modify Address		
	A51 -	Change As	[A52 ▼]
51 52	Sure		Exit

(3).drag to other device will show exchange form.

🖳 Exchange Address	
A43	A44   Exit

Click output	Flicker	Close others	
			Output Ways

(1).Click output

Select this way, you can click the device for control it on/off.

For example: When a address/group is off state \_\_\_\_\_, click it output a value(max

output percent) and picture turn to on state **Line**. Click it again, output a value(min

output value percent) and picture turn to off state

(2).Flicker

Select this way, selected address/group will flicker from max output percent to min output

percent.Turn on flicker enable,then click a address then it will start flicker,click it again,it

will stop flicker.Click More it will start again......

When stop flicker or cancel flicker, will make the flicker address/group to a state that

before flicker.

(3).Close others

Select this way, will out close all device and output a value (max output percent) to

Selected address/group.

All devices percent 0% V Output broadcast output

Select percentage, then click "output", all devices will run the selected brightness.

Max output: 100% V Min output: 0% V Max output, Min output

Address/group turn on output value is depending on max output percent, turn off output

is Depending on min output percent. Addres/group also Flicker from max output percent

to min output percent.

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