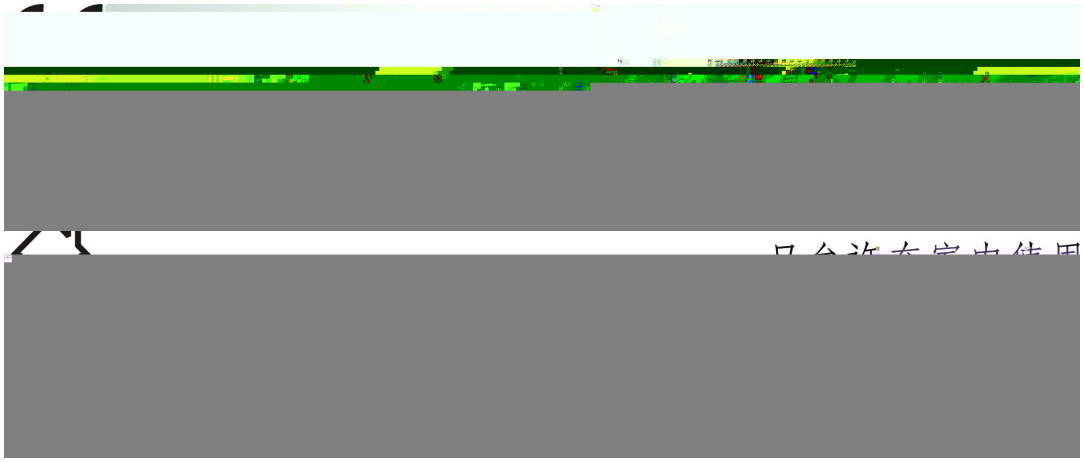
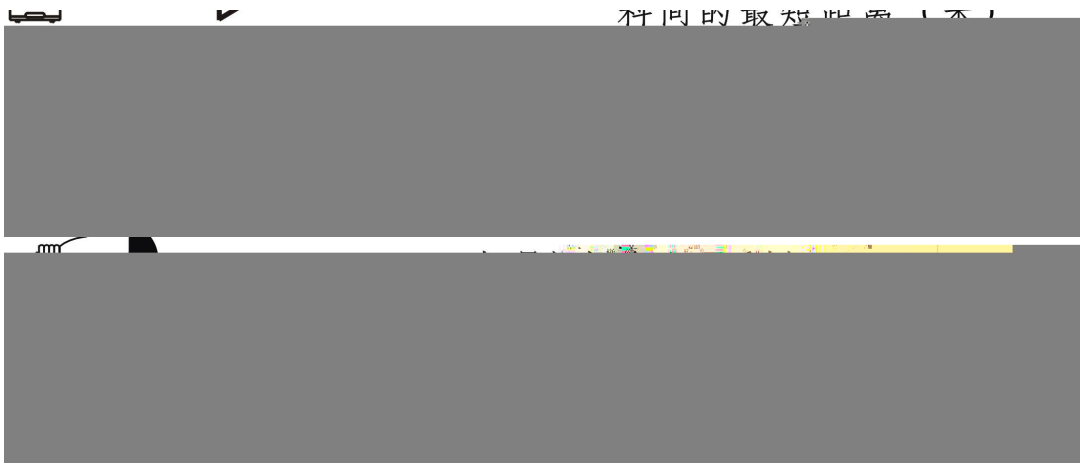


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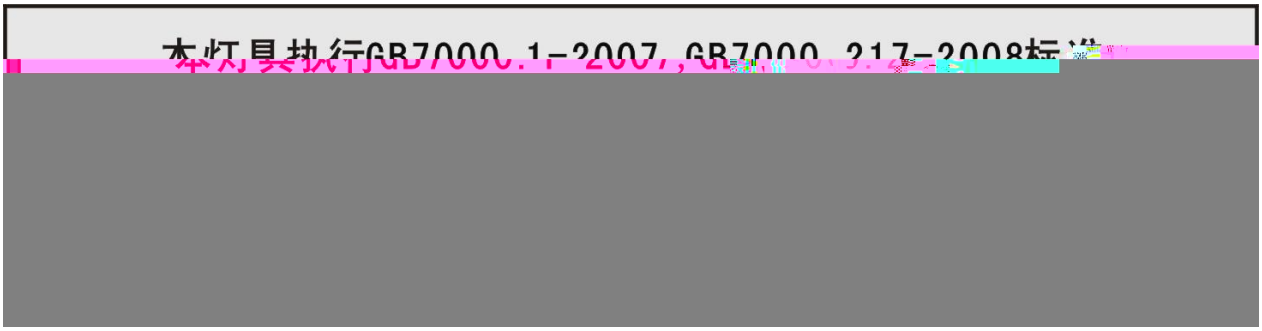











本灯具执行GB7000.1-2007，GB7000.217-2008标准

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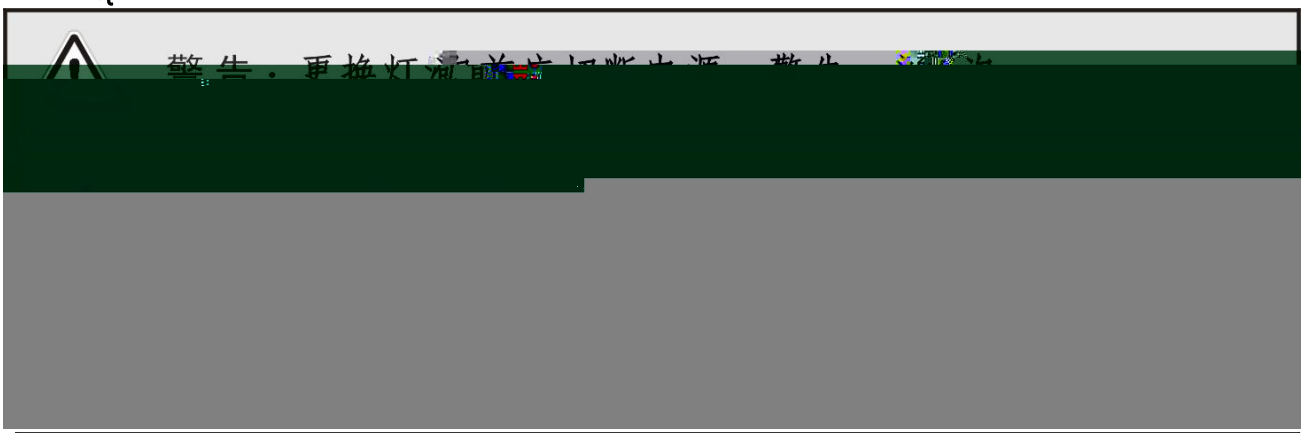
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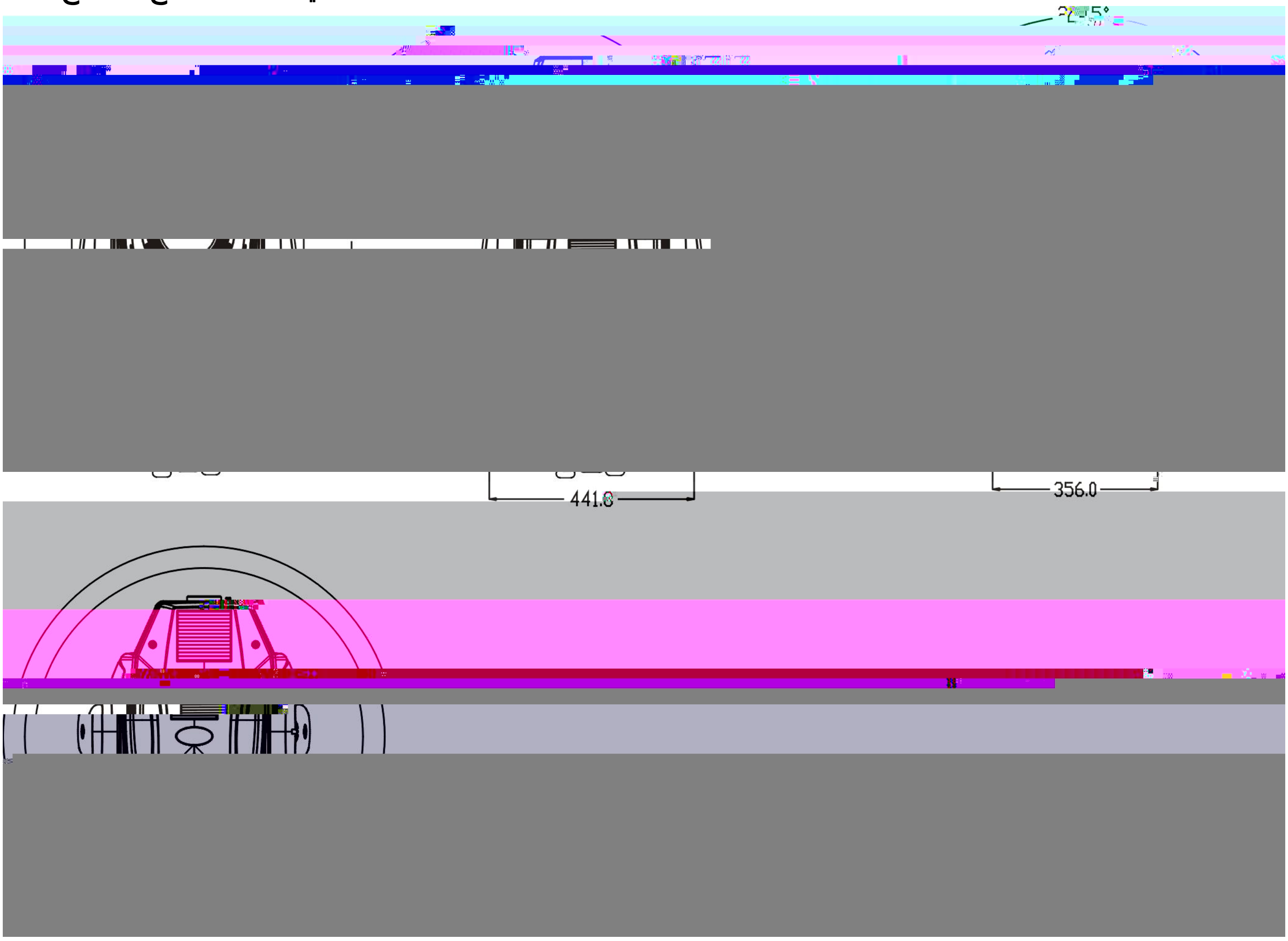
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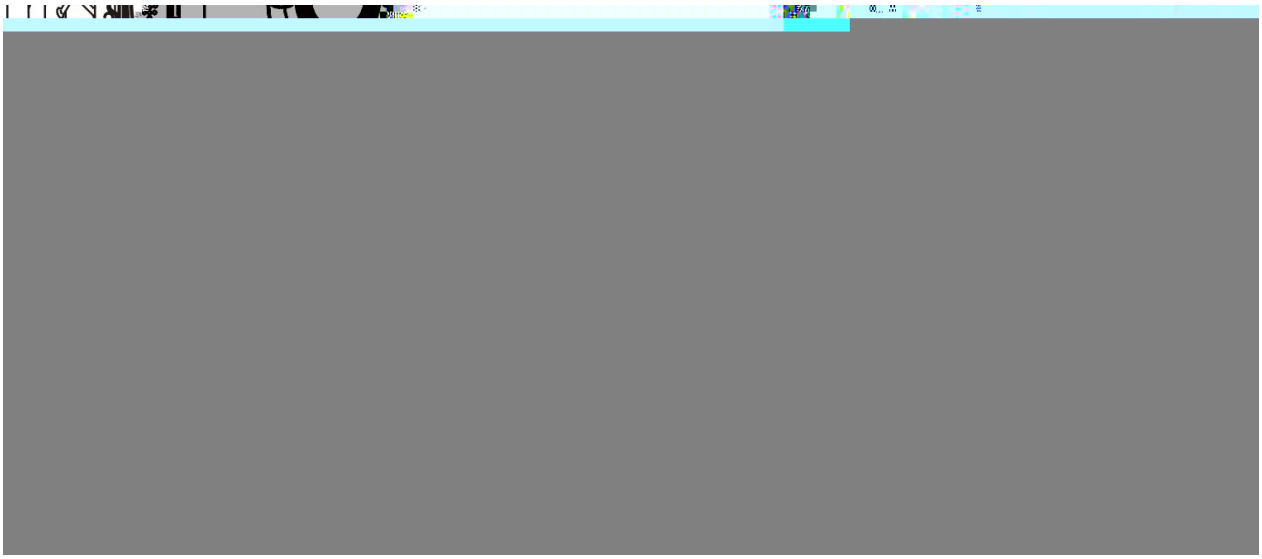
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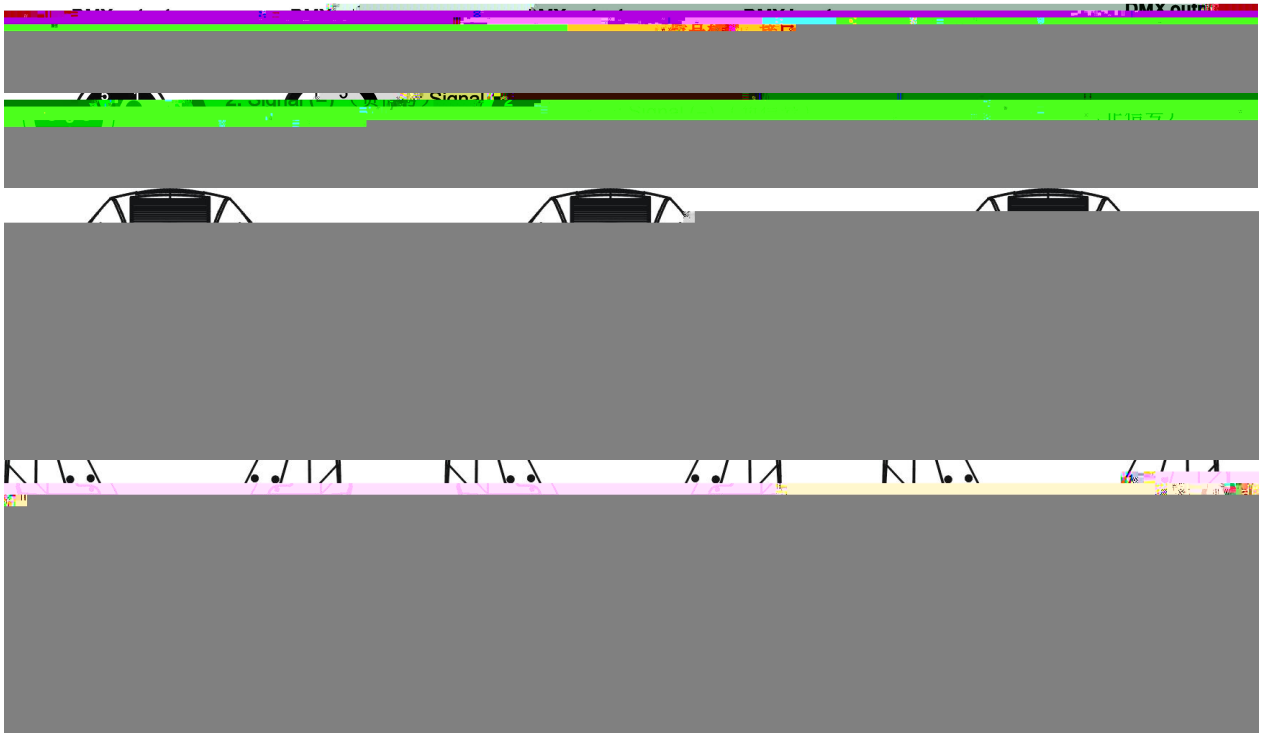
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5. DMX-512

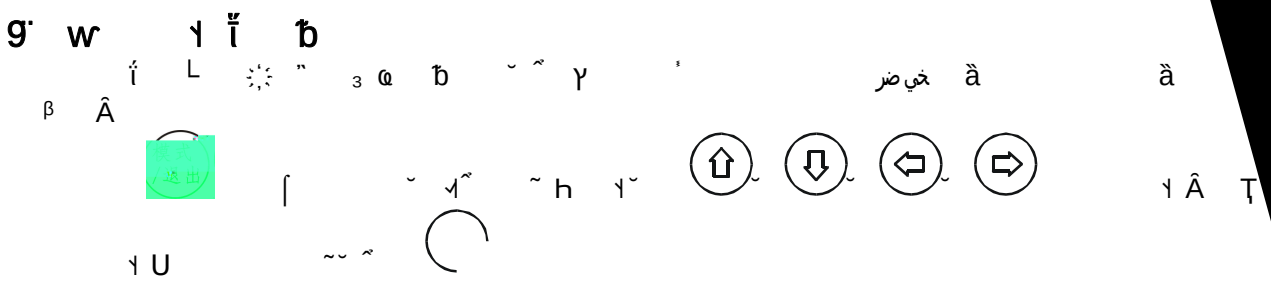


خي ضر

8. ṕ DMX ą

1) ť

´ ' DMX512 ˜ à ẅ ल à ल ' Ḥ ˛



	Fans Control	Auto Fan Speed High Fan Speed Low Fan Speed	
	Display Setting	Shutoff Time Display Reverse Key Lock	02~60m 05m ON/OFF ON/OFF
	Temperature C/F	Celsius Fahrenheit	
	Initial Status	PAN =XXX …….	
	Wireless DMX	WDMX Off Activate WDMX Act & Data Out Clean WDMX Memo	
	Reset Default	ON/OFF	
Reset Function	Reset All Reset Pan&Tilt Reset Colors Reset Gobos Reset Shutter Reset Others		
Effect Adjust	Test Channel	PAN ……	
	Manual Control	PAN =XXX :	
	Calibration	Calibrate Password Color wheel=XXX :	050
Users Mode Set	User Mode	Standard Mode Basic Mode Extended Mode User Mode A User Mode B User Mode C	(16bit) (8bit) A B C

2) ΐ ɾ ι ϐ :

9.1 FUNCTION

9.1.1 Set DMX Address—— DMXضي

1 < / ∓ > ˘ ~ ,

2 < ħ ; / h Ϙ > ˘ ⌠ “ Set DMX Address Ŀ

3 < > ~ “ Set DMX Address Ŀ ι ’

4 < ħ ; / h Ϙ > ˘ ˆ ضي A001~AXXX’

5 < > ˘ < / ∓ > ∓ Â

9.1.2 Dmx Value—— Ɣ ν

1 < / ∓ > ˘ ~ ,

2 < ħ ; / h Ϙ > ˘ ⌠ “ Dmx Value Ŀ

3 < > ~ “ Dmx Value Ŀ ι ’

4 < ħ ; / h Ϙ > ˘ ˆ Ɣ ’

5 < > ˘ < / ∓ > ∓ Â

9.1.3 Slave Mode—— ɾ ϐ

1 < / ∓ > ˘ ~ ,

2 < ħ ; / h Ϙ > ˘ ⌠ “ Slave Mode Ŀ

3 < > ~ “ Slave Mode Ŀ ι ’

4 < ħ ; / h Ϙ > ˘ ˆ Slave1,Slave2,Slave3’

5 < > ˘ < / ∓ > ∓ Â

9.1.4 Auto Program——

1. < / ∓ > ˘ ~ ,
2. < ħ ; / h Ϙ > ˘ ⌠ “ Auto Program Ŀ
3. < > ~ “ Auto Program Ŀ ι ’
4. < ħ ; / h Ϙ > ˘ ˆ Master Alone ’
5. < > ˘ < / ∓ > ∓ Â

9.1.5 Sound Control——

1. < / ∓ > ˘ ~ ,
2. < ħ ; / Auto Program Ŀ

“ Auto Program Ẽ ι ’ ϗ

> ˘ ˆ Master Alone ’

˘ <

1. < / ∓ > ˘ ~ ˘ < ħ ; / h Ӣ > ˘ ⌠ “ Information ”
< > ~ “ Information Ŀ ϟ ’ < ħ ; / h Ӣ > ˘ ⌠ “ Time information ”
< > ~ “ Time information Ŀ ϟ ’
2. < ħ ; / h Ӣ > ˘ ⌠ “ Total Run Time Ŀ
3. < > ~ “ Total Run Time Ŀ ϟ ’
4. “ XXXX ” (Hours) ’
5. < > ˘ < / ∓ > ∓ Â

Last Run Time——

1. < / ∓ > ˘ ~ ˘ < ħ ; / h Ӣ > ˘ ⌠ “ Information ”
< > ~ “ Information Ŀ ϟ ’ < ħ ; / h Ӣ > ˘ ⌠ “ Time information ”
< > ~ “ Time information Ŀ ϟ ’
2. < ħ ; / h Ӣ > ˘ ⌠ “ Last Run Time Ŀ
3. < > ~ “ Last Run Time Ŀ ϟ ’
4. “ XXXX ” (Hours) ’
5. < > ˘ < / ∓ > ∓ Â

Lamp Hours——

1. < / ∓ > ˘ ~ ˘ < ħ ; / h Ӣ > ˘ ⌠ “ Information ”
< > ~ “ Information Ŀ ϟ ’ < ħ ; / h Ӣ > ˘ ⌠ “ Time information ”
< > ~ “ Time information Ŀ ϟ ’
2. < ħ ; / h Ӣ > ˘ ⌠ “ Lamp Hours Ŀ
3. < > ~ “ Lamp Hours Ŀ ϟ ’
4. “ XXXX ” (Hours) ’
5. < > ˘ < / ∓ > ∓ Â

Lamp Off Time——

1. < / ∓ > ˘ ~ ˘ < ħ ; / h Ӣ > ˘ ⌠ “ Information ”
< > ~ “ Information Ŀ ϟ ’ < ħ ; / h Ӣ > ˘ ⌠ “ Time information ”
< > ~ “ Time information Ŀ ϟ ’
2. < ħ ; / h Ӣ > ˘ ⌠ “ Lamp Off Time Ŀ
3. < > ~ “ Lamp Off Time Ŀ ϟ ’
4. “ XXXX ” (Minute) ’
5. < > ˘ < / ∓ > ∓ Â

LastRun Password——

1. < / ∓ > ˘ ~ ˘ < ħ ; / h Ӣ > ˘ ⌠ “ Information ”
< > ~ “ Information Ŀ ϟ ’ < ħ ; / h Ӣ > ˘ ⌠ “ Time information ”
< > ~ “ Time information Ŀ ϟ ’
2. < ħ ; / h Ӣ > ˘ ⌠ “ LastRun Password Ŀ ϟ ’
3. < > ~ “ LastRun Password Ŀ ϟ U˘ ~ ќ 038
4. < > ˘ < / ∓ > ∓ Â

Clean Last Run——

1. < / ∓ > ˘ ~ ˘ < ħ ; / h Ӣ > ˘ ⌠
“ Information ” < > ~ “ Information Ŀ ϟ ’ < ħ ; / h Ӣ > ˘ ⌠
“ Time information ” < > ~ “ Time information Ŀ ϟ ’
2. < ħ ; / h Ӣ > ˘ ⌠ “ Clean Last Run Ŀ
3. ض “ LastRun Password Ŀ ϟ ~ U˘ < > ~ “ Clean Last Run Ŀ ϟ ’
4. “ < ħ ; / h Ӣ > h Ӣ Ť œ

1. < / ₣ > ˘ ~ ˘ < ħ ‘ ; / h Ӣ > ˘ ⌠ “ Information ”
< > ~ “ Information Ŀ ɬ ’ < ħ ‘ ; / h Ӣ > ˘ ⌠ “

˘ ;¦; ң ҁ Ð ỉ Ţ ₩ ҁ ˜ ү Â

9.3.2 Automatic On——

1. < / ₹ > ˘ ~ ˘ < ң¦; / h Ӈ > ˘ ⌠ “ Lamp control ”
   < > ~ “ Lamp control Ŀ ۱ ’
2. < ң¦; / h Ӈ > ˘ ⌠ “ Automatic On Ŀ
3. < > ~ “ Automatic On Ŀ ۱ ’
4. “ OFF ”, < ң¦; / h Ӈ > , “ ON Ŀ
5. < > ˘ < / ₹ > ₹ Â

9.3.3 Lamp on via DMX—— ԶՂӉ ą ˜

1. < / ₹ > ˘ ~ ˘ < ң¦; / h Ӈ > ˘ ⌠ “ Lamp control ”
   < > ~ “ Lamp control Ŀ ۱ ’
2. < ң¦; / h Ӈ > ˘ ⌠ “ Lamp on via DMX Ŀ
3. < > ~ “ Lamp on via DMX Ŀ ۱ ’
4.

9.4 PERSONALITY

9.4.1 Status Settings

Address via DMX——خي ضر ٦ ٓ ķ

1. < / ₹ > ˘ ~ ˘ < ħ ; / h Ӣ > ˘ ⌠ “ personality ”
   < > ~ “ personality Ŀ ٤ ’ < ħ ; / h Ӣ > ˘ ⌠ “ Status settings ”
   < > ~ “ Status setting Ŀ ٤ ’
2. < ħ ; / h Ӣ > ˘ ⌠ “ Address via DMX Ŀ
3. < > ~ “ Blackout gobos Ŀ ٤ ’
4. “ ON ” , < ħ ; / h Ӣ > , “ OFF Ŀ
5. < > ˘ < / ₹ > ₹ Â

No DMX Status—— DMX ˗

1. < / ₹ > ˘ ~ ˘ < ħ ; / h Ӣ > ˘ ⌠ “ personality ”
   < > ~ “ personality Ŀ ٤ ’ < ħ ; / h Ӣ > ˘ ⌠ “ Status setting ”
   < > ~ “ Status setting Ŀ ٤ ’
2. < ħ ; / h Ӣ > ˘ ⌠ “ No DMX Status Ŀ
3. < > ~ “ No DMX Status Ŀ ٤ ’
4. “ Hold ” , < ħ ; / h Ӣ > , “ Close ”“ Auto ”“ Music Ŀ
5. < > ˘ < / ₹ > ₹ Â

Pan Reverse —— ĵ

1. < / ₹ > ˘ ~ ˘ < ħ ; / h Ӣ > ˘ ⌠ “ personality ”
   < > ~ “ personality Ŀ ٤ ’ < ħ ; / h Ӣ > ˘ ⌠ “ Status setting ”
   < > ~ “ Status setting Ŀ ٤ ’
2. < ħ ; / h Ӣ > ˘ ⌠ “ Pan Reverse Ŀ
3. < > ~ “ Pan Reverse Ŀ ٤ ’
4. “ OFF ” , < ħ ; / h Ӣ > , “ ON Ŀ
5. < > ˘ < / ₹ > ₹ Â

Tilt Reverse——ىس ĵ

1. < / ₹ > ˘ ~ ˘ < ħ ; / h Ӣ > ˘ ⌠ “ personality ”
   < > ~ “ personality Ŀ ٤ ’ < ħ ; / h Ӣ > ˘ ⌠ “ Status setting ”
   < > ~ “ Status setting Ŀ ٤ ’
2. < ħ ; / h Ӣ > ˘ ⌠ “ Tilt Reverse Ŀ
3. < > ~ “ Tilt Reverse Ŀ ٤ ’
4. “ OFF ” , < ħ ; / h Ӣ > , “ ON Ŀ
5. < > ˘ < / ₹ > ₹ Â

Pan Degree——

1. < / ₹ > ˘ ~ ˘ < ħ ; / h Ӣ > ˘ ⌠ “ personality ”
   < > ~ “ personality Ŀ ٤ ’ < ħ ; / h Ӣ > ˘ ⌠ “ Status setting ”
   < > ~ “ Status setting Ŀ ٤ ’
2. < ħ ; / h Ӣ > ˘ ⌠ “ Pan Degree Ŀ
3. < > ~ “ Pan Degree Ŀ ٤ ’
4. “ 540 ” , < ħ ; / h Ӣ > , “ 630 Ŀ
5. < > ˘ < / ₹ > ₹ Â

Feedback—— β ٦ ƀ

1. < / ₹ > ˘ ~ ˘ < ħ ; / h Ӣ > ˘ ⌠ “ personality ”
   < > ~ “ personality Ŀ ٤ ’ < ħ ; / h Ӣ > ˘ ⌠ “ Status setting ”
   < > ~ “ Status setting Ŀ ٤ ’
2. < ħ ; / h Ӣ > ˘ ⌠ “ Feedback Ŀ
3. < > ~ “ Feedback Ŀ ٤ ’

4. “ ON ”, <ħ;:/h ЙД> , “ OFF Ь
5. < > ˘ < / ₹> ₹ Â

Movement Speed——

1. < / ₹> ˘ ~ ˘ <ħ;:/h ЙД> ˘ ⌠ “ personality ”
< > ~ “ personality Ь ч’ <ħ;:/h ЙД> ˘ ⌠ “ Status setting ”
< > ~ “ Status setting Ь ч’
2. <ħ;:/h ЙД> ˘ ⌠ “ Movement Speed Ь
3. < > ~ “ Movement Speed Ь ч’
4. “ Speed 1 ”, <ħ;:/h ЙД> , “ Speed 2 ”, “ Speed 3 ”, “ Speed 4 Ь
5. < > ˘ < / ₹> ₹ Â

Mic Sensitivity—— 0

1. < / ₹> ˘ ~ ˘ <ħ;:/h ЙД> ˘ ⌠ “ personality ”
< > ~ “ personality Ь ч’ <ħ;:/h ЙД> ˘ ⌠ “ Status setting ”
< > ~ “ Status setting Ь ч’
2. <ħ;:/h ЙД> ˘ ⌠ “ Mic Sensitivity Ь
3. < > ~ “ Mic Sensitivity Ь ч’
4. “ 70% ”, <ħ;:/h ЙД> , “ 0~99% Ь
5. < > ˘ < / ₹> ₹ Â

Hibernation ——w

ґ Ъ ⌠ Ң Ř ˘ 15 № ˘ Ψ ˩ ˇ ғ ṗ
~ Â ґ ⌠ Ң ˩ β ₩ ˘ Ư ү ƀ Â

1. < / ₹> ˘ ~ ˘ <ħ;:/h ЙД> ˘ ⌠ “ Personality ”
< > ~ “ Personality Ь ч’ <ħ;:/h ЙД> ˘ ⌠ “ Status setting ”
< > ~ “ Status setting Ь ч’
2. <ħ;:/h ЙД> ˘ ⌠ “ Hibernation Ь
3. < > ~ “ Hibernation Ь ч’
4. “ 15M ”, <ħ;:/h ЙД> , “ 01M Ь “ 02M ” …. “ 99M ” “ OFF Ь
5. < > ˘ < / ₹> ₹ Â

9.4.2 Service Setting

Password—— Ⱶ “50”.

RDM PID——RDM ≠

ɷ w ѧ ү ʯ ч˘ RDM w Â RDM ү ϥ ˘
DMX-bus ү └ Â I ʒ Ⱶ Ь ч Ψ-ESTA ᵑ ANSI E1.20-2006 ъ RDM ‰ƀ ч DMX512 ч ₩ ᵈ Â ˩ ˝E ˩ DMX ŭ ضي ˘ ъ RDM ү U Ь Ƥ ˩ Â ضِي ѧ ṗ ˘ ɷ Â ĺ RDM w ė ĺ ᴰ DMX ү ضي ₩ DMX └ Â RDM ч ŭ ´ ⌠ DMX512 ˘ Ь Ψ ڒ ỉ ґ ᴰ DMX Â DMX Ң № ϛ ė RDM ˜ ą ˘ Ḡ ɷ DMX Ң № ϛ RDM w Â RDM ʯ ă ŭ ═ ɢ ą RDM ˜ Â

9.4.3 Fans Control— L

1. < / ₹> ˘ ~ ˘ <ħ;:/h ЙД> ˘ ⌠ “ personality ”
< > ~ “ personality Ь ч’
2. <ħ;:/h ЙД> ˘ ⌠ “ Fans Control Ь

3. < > ˜ “ Fans Control Ŀ ȴ’
4. “ Auto Fans Speed ”, <ħ ; / h Ѝ> , “ High Fans Speed Ŀ ȩ “ Low Fans Speed Ŀ
5. < > ˇ < / ₹ > ₹ Â

9.4.4 Display setting

Shutoff Time ˟

1. <

3. < > ˘ < / ∓ > ∓ Â

9.4.8 Reset Default—— ∓ ∧ ð̆

1. / ∓ > ˘ ~ ˘ < ħ‚ː / h Ӣ > ˘ ⌠ " personality "
   < > ~ " personality Ŀ ↿'
2. < ħ‚ː / h Ӣ > ˘ ⌠ " Reset Default Ŀ
3. < > ~ " Reset Default Ŀ ↿'
4. " OFF ", < ħ‚ː / h Ӣ > , " ON Ŀ
5. < > ˘ < / ∓ > ∓ Â

9.5 Reset Function—— β w

1. / ∓ > ˘ ~ ˘ < ħ‚ː / h Ӣ > ˘ ⌠ " Reset Function "
   < > ~ " Reset Function Ŀ ↿'
2. " Reset All ", < ħ‚ː / h Ӣ > , " Reset All Ŀ " Reset Pan/Tilt Ŀ " Reset Colors", " Reset Gobos", "Reset Shutter", Reset Others "
3. < > ˘ < / ∓ > ∓ Â

9.6 Effect Adjust

9.6.1 Test Channel——

1. / ∓ > ˘ ~ ˘ < ħ‚ː / h Ӣ > ˘ ⌠ " Effect Adjust "
   < > ~ " Effect Adjust Ŀ ↿'
2. < ħ‚ː / h Ӣ > ˘ ⌠ " Test Channel Ŀ
3. < > ~ " Test Channel Ŀ ↿'
4. " Pan Moving Ŀ ŵ , < ħ‚ː / h Ӣ > , " ì '
5. < > ˘ < / ∓ > ∓ Â

9.6.2 Manual Control——

1. / ∓ > ˘ ~ ˘ < ħ‚ː / h Ӣ > ˘ ⌠ " Effect Adjust "
   < > ~ " Effect Adjust Ŀ ↿'
2. < ħ‚ː / h Ӣ > ˘ ⌠ " Manual control Ŀ
3. < > ~ " Manual control Ŀ ↿'
4. " Auto Program Ŀ ŵ ṿ , < ħ‚ː / h Ӣ > , " ì '
5. < > ˘ < / ∓ > ∓ Â

9.6.3 Calibration—— ‰

6. / ∓ > ˘ ~ ˘ < ħ‚ː / h Ӣ > ˘ ⌠ " Effect Adjust "
   < > ~ " Effect Adjust Ŀ ↿'
7. < ħ‚ː / h Ӣ > ˘ ⌠ " Calibration Ŀ
8. < > ~ " Calibration Ŀ ↿'
9. " Password=XXXX Ŀ ŵ ṿ , < ħ‚ː / h Ӣ > , " ì '
10. < > ˘ < / ∓ > ∓ Â

9.7 Users Mode Set

1. / ∓ > ˘ ~ ˘ < ħ‚ː / h Ӣ > ˘ ⌠ " Users mode set "
   < > ~ " User mode set Ŀ ↿'
2. " User Mode ", < ħ‚ː / h Ӣ > , " Edit User Mode Ŀ
3. < > ˘ < / ∓ > ∓ Â

10.

DMX channel´s functions and their values (43 DMX channels):					
Mode/Channel			Value	Function	
St	Ba	Ex			
1	1	1		Cyan Color :	
			0-255	Cyan (0-white, 255-100% Cyan)	ɾ ⌠
		2		Cyan Color Fine :	
			0-255	Cyan Fine	ɾ ⌠
		3		Magenta Color :	
			0-255	Magenta (0-white, 255-100% magenta)	ɾ ⌠

			16-31	Color 1	1
			32-47	Color 2	2
			48-63	Color 3	3
			64		

			10-19	Rot. gobo 1	1
			20-29	Rot. gobo 2	2
			30-39	Rot. gobo 3	3
			40-49	Rot. gobo 4	4
			50-59	Rot. gobo 5	5
			60-69	Rot. gobo 6	6
			70-89	Gobo 1 shake slow to fast	1
			90-109	Gobo 2 shake slow to fast	2
			110-129	Gobo 3 shake slow to fast	3
			130-149	Gobo 4 shake slow to fast	4
			150-169	Gobo 5 shake slow to fast	5
			170-189	Gobo 6 shake slow to fast	6
			190-221	Gobo wheel rotation forwards from fast to slow	
			222-223	No rotation	
			224-255	Gobo wheel rotation f backwards from slow to fast	
13	13	19		**Rotating gobo index,rotating gobo rotation 2:**	
			0-127	Gobo indexing	
			128-189	Forwards gobo rotation from fast to slow	
			190-193	No rotation	
			194-255	Backwards gobo rotation from slow to fast	
		20		**Rotating gobo indexing Fine 2:**	
			0-255	Fine indexing	
14	14	21		**Fixed Gobos :**	
			0-9	Open/hole	
			10-19	Gobo 1	1
			20-29	Gobo 2	2
			30-39	Gobo 3	3
			40-49	Gobo 4	4
			50-59	Gobo 5	5
			60-69	Gobo 6	6
			70-77	Gobo 7	7
			78-93	Gobo 1 shake slow to fast	1
			94-109	Gobo 2 shake slow to fast	2
			110-125	Gobo 3 shake slow to fast	3
			126-141	Gobo 4 shake slow to fast	4
			142-157	Gobo 5 shake slow to fast	5
			158-173	Gobo 6 shake slow to fast	6
			174-189	Gobo 7 shake slow to fast	7

			190-221	Gobo wheel rotation forwards from fast to slow	يحـ ـ ⌠
			222-223	No rotation	Å
			224-255	Gobo wheel rotation f backwards from slow to fast	يحـ ـ ï ـ ⌠
		22		**Fixed gobo indexing Fine**	
			0-255	Fixed gobo Fine indexing	يحـ ـ ـ
15	15	23		**Rotating prism, Prism / Gobo macros:**	
			0-63	Open	تم
			64-127	3-Facet Prism	1
			128-135	Macro 1	شي 1
			136-143	Macro 2	شي 2
			144-151	Macro 3	شي 3
			152-159	Macro 4	شي 4
			160-167	Macro 5	شي 5
			168-175	Macro 6	شي 6
			176-183	Macro 7	شي 7
			184-191	Macro 8	شي 8
			192-199	Macro 9	شي 9
			200-207	Macro 10	شي 10
			208-215	Macro 11	شي 11
			216-223	Macro 12	شي 12
			224-231	Macro 13	شي 13
			232-239	Macro 14	شي 14
			240-247	Macro 15	شي 15
			248-255	Macro 16	شي 16
16	16	24		**Rotating prism index, rotating prism rotation**	
			0-127	Prism indexing	β
			128-189	Forwards prism rotation from fast to slow	ـ ⌠
			190-193	No rotation	Å
			194-255	Backwards prism rotation from slow to fast	ï h ـ ⌠
		25		**Rotating prism indexing Fine :**	
			0-255	Fine indexing	β ـ
17	17	26		**Focus :**	
			0-255	Continuous adjustment from near to far	ـ ⌠
		27		**Focus Fine:**	
			0-255	Continuous adjustment Fine	ـ ⌠ ـ
18	18	28		**Motorized Zoom :**	
			0-255	Zoom adjustment from small to big	ـ ⌠
		29		**Motorized Zoom Fine:**	

				0-255	Zoom adjustment Fine	

Auto Focus :

19 19 30

0-7	OFF	۲
8-15	Macro1(color temperature 3200K)	1(3200K)
16-23	Macro2(color temperature 4300K)	2(4300K)
24-31	Macro3(color temperature 5600K)	3(5600K)
32-39	Macro4	4
40-47	Macro5	5
48-55	Macro6	6
56-63	Macro7	7
64-71	Macro8	8
72-79	Macro9	9
80-87	Macro10	10
88-95	Macro11	11
96-103	Macro12	12
104-111	Macro13	13
112-119	Macro14	14
120-127	Macro15	15
128-135	Macro16	16
136-143	Macro17	17
144-151	Macro18	18
152-159	Macro19	19

			80-84	All motor reset	8 U
			85-87	Scan motor reset	8 U
			88-90	Colors motor reset	8 U
			91-93	Gobo motor reset	8 U يد
			94-96	Shutter & Dimmer motor reset	8 U
			97-99	Other motor reset	8 U ٱ ٢
			100-119	Internal program 1 (secne1~8 of EEPROM)	ṗ 1 (كح ّ 1~8 شي)
			120-139	Internal program 2 (secne9~16 of EEPROM)	ṗ 2(كح ّ 9~16 شي)
			140-159	Internal program 3 (secne17~24 of EEPROM)	ṗ 3(كح ّ 17~24 شي)
			160-179	Internal program 4 (secne25~32 of EEPROM)	ṗ 4(كح ّ 25~32 شي)
			180-199	Internal program 5 (secne33~40 of EEPROM)	ṗ 5(كح ّ 33~40 شي)
			200-219	Internal program 6 (secne41~48 of EEPROM)	ṗ 6(كح ّ 41~48 شي)
			220-239	Internal program 7 (secne49~56 of EEPROM)	ṗ 7(كح ّ 49~56 شي)
			240-255		

