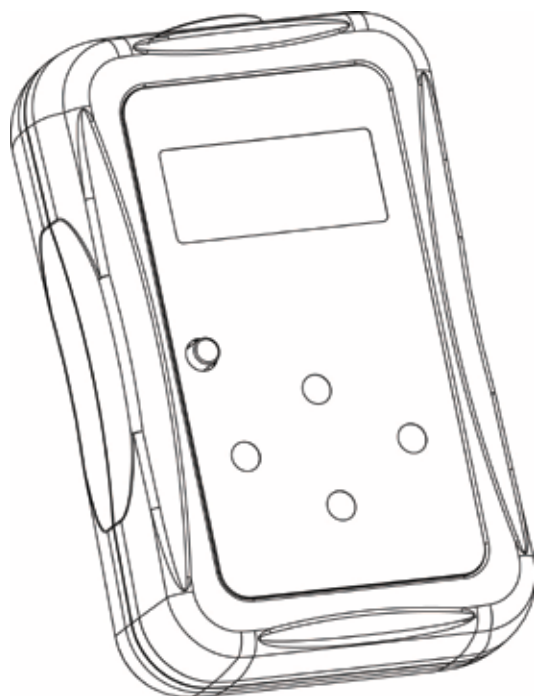


Illumicode V 2.2

Quick Reference Guide



ILUMINARC®

About this Guide

The Ilumicode V2.2 Quick Reference Guide (QRG) only contains the product’s connection and mounting information as well as the menu options and the DMX values.

Disclaimer

This QRG does not replace the product’s user manual. You must download the corresponding user manual from the ILUMINARC® Web site (www.iluminarc.com) to learn about the disclaimers, safety notes, programming modes and technical information.

What is Included

- One Ilumicode V2.2
- One signal connector (XLR to clips)
- Two AA batteries
- One Warranty Card
- One Quick Reference Guide

Features

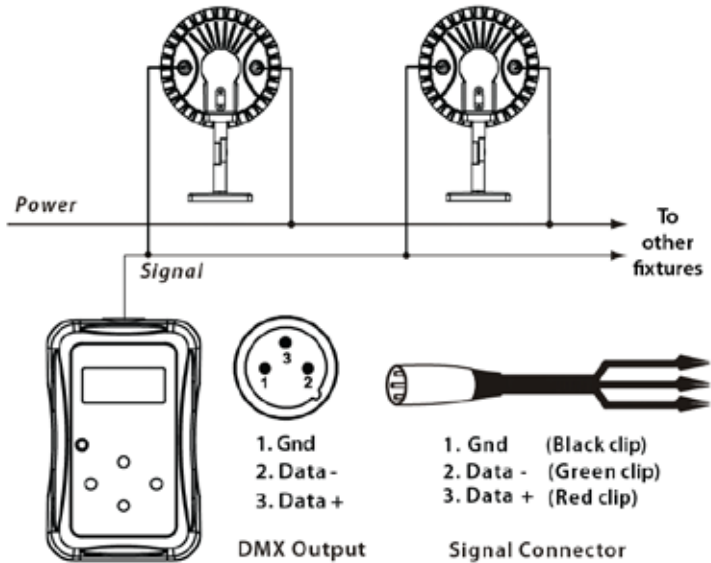
- External control panel for ILUMINARC® IP rated fixtures
- Configures fixtures to operate on 1, 2, 3, 4, 5, 6 or 7-channel DMX modes
- Operating modes:
 - 1-channel: SOLID
 - 2-channel: VW
 - 3-channel: VW + D
 - 3-channel: ARC1
 - 4-channel: ARC1 + D
 - 4-channel: ARC2
 - 5-channel: ARC2 + D
 - 5-channel: ARC3
 - 6-channel: ARC3 + D
 - 7-channel: ARC FULL
- Other operating modes:
 - SPECIAL1: Refer to fixture’s manual
 - SPECIAL2: Refer to fixture’s manual
 - REMOTE: Refer to Ilumicon’s manual

Power This product uses two (2) AA batteries (included).

Mounting The Ilumicode V2.2 is strictly a handheld unit. Therefore, ILUMINARC® does not provide any mounting harness or mounting instructions for it.

Connection The diagram below shows how to connect the Ilumicode to an ILUMINARC® fixture. Note that this connection will control multiple fixtures at the same time, all having the same DMX address. To assign individual DMX addresses to each fixture, you must connect the Ilumicode unit to each fixture, individually. This means that you will also have to disconnect the DMX output of the fixture under configuration if there are other fixtures connected to it.

Ilumicode Connection Diagram



ILUMINARC® suggests you to connect no more than 20 fixtures in this mode, while keeping the total distance to less than 60 m (197 ft). Otherwise, you might need to use an optically isolated signal amplifier.

Control Panel Description

Button	Function
<MENU>	Exits from the current menu or function
<ENTER>	Enables the currently displayed menu or sets the currently selected value into the selected function
<UP>	Navigates upwards through the menu list and increases the numeric value when in a function
<DOWN>	Navigates downwards through the menu list and decreases the numeric value when in a function

Menu Options

Main Level	2 nd Level	3 rd Level	Instructions
<i>DMX</i>	001-512	N/A	Sets the DMX starting address
<i>PERSON</i>	VW (4)	N/A	2-ch: WW (1), CW (2)
	VW + D (4)		3-ch: D (3), WW, CW
	ARC 1 (5)		3-ch: RGB
	ARC 1 (4)		3-ch: WW, CW, CW
	ARC 1 + D (5)		4-ch: D, RGB
	ARC 1 + D (4)		4-ch: D, WW, CW, CW
	ARC FULL (5)		7-ch: D, RGB, M (6), S (7), C (8)
	ARC2 (9)		4-ch: RGBW
	ARC2 + D (9)		5-ch: D, RGBW
	ARC3 (10)		5-ch: RGBWA
	ARC3 + D (10)		6-ch: D, RGBWA
	REMOTE		Enables the ILUMICON unit
	SOLID		1-channel: D
	SPECIAL1		Refer to fixture's user manual
SPECIAL2			
<i>CALIB</i>	WHITE (1~11)	RED (0~255) GREEN (0~255) BLUE (0~255) COOL (0~255)	Sets white balance (color macros)
	RGBTOW	WARM (0~255) AMBER (0~255)	Sets white balance (RGBTOW on)
<i>DIMMER</i>	OFF	N/A	Dimmer works in linear mode
	DIM 1~4		Dimmer works in non-linear mode, from fast (DIM1) to slow (DIM4).
<i>STATIC</i>	RED	(0~255)	Combines individual colors
	GREEN		
	BLUE		
	COOL		
	WARM		
	AMBE		
	STRB	(0~20)	Sets strobe frequency
<i>SETTING</i> (5) (9) (10)	COLOR	OFF	Max. output, unbalanced white
		RGBTOW	White = <i>CALIB</i> > <i>RGBTOW</i>
		UC	Output = previous versions
	RESET	NO/YES	

References

- | | |
|--------------------------------|---------------------------------|
| (1): Warm White | (6): Color Macros |
| (2): Cool White | (7): Strobe |
| (3): Dimmer | (8): Dimmer Curve |
| (4): Applies to White fixtures | (9): Applies to RGBW fixtures |
| (5): Applies to RGB fixtures | (10): Applies to RGBWA fixtures |

DMX Values for White LED Fixtures

VW

Channel	Function	Value	Percent/Setting
1	Warm White	000 ó 255	0~100%
2	Cool White /Amber	000 ó 255	0~100%

VW + D

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ó 255	0~100%
2	Warm White	000 ó 255	0~100%
3	Cool White / Amber	000 ó 255	0~100%

ARC1

Channel	Function	Value	Percent/Setting
1	Cool White / Amber	000 ó 255	0~100%
2	Warm White	000 ó 255	0~100%
3	Warm White	000 ó 255	0~100%

ARC1 + D

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ó 255	0~100%
2	Cool White / Amber	000 ó 255	0~100%
3	Warm White	000 ó 255	0~100%
4	Warm White	000 ó 255	0~100%

SOLID

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ó 255	0~100%

Important Confirm DMX assignments with fixture's manual.

DMX Values for Full Color LED Fixtures

ARC1

Channel	Function	Value	Percent/Setting
1	Red	000 ó 255	0~100%
2	Green	000 ó 255	0~100%
3	Blue	000 ó 255	0~100%

ARC1 + D

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ó 255	0~100%
2	Red	000 ó 255	0~100%
3	Green	000 ó 255	0~100%
4	Blue	000 ó 255	0~100%

ARC2

Channel	Function	Value	Percent/Setting
1	Red	000 ó 255	0~100%
2	Green	000 ó 255	0~100%
3	Blue	000 ó 255	0~100%
4	White	000 ó 255	0~100%

ARC2 + D

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ó 255	0~100%
2	Red	000 ó 255	0~100%
3	Green	000 ó 255	0~100%
4	Blue	000 ó 255	0~100%
5	White	000 ó 255	0~100%

Important Confirm DMX assignments with fixture's manual.

ARC3

Channel	Function	Value	Percent/Setting
1	Red	000 ó 255	0~100%
2	Green	000 ó 255	0~100%
3	Blue	000 ó 255	0~100%
4	White	000 ó 255	0~100%
5	Amber	000 ó 255	0~100%

ARC3 + D

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ó 255	0~100%
2	Red	000 ó 255	0~100%
3	Green	000 ó 255	0~100%
4	Blue	000 ó 255	0~100%
5	White	000 ó 255	0~100%
6	Amber	000 ó 255	0~100%

SOLID

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ó 255	0~100%

Important Confirm DMX assignments with fixture's manual.

ARC FULL

Channel	Function	Value	Percent/Setting
1	RGB Dimmer	000 ó 255	0~100%
2	Red	000 ó 255	0~100%
3	Green	000 ó 255	0~100%
4	Blue	000 ó 255	0~100%
5	Color Macros	000 ó 010 No function 011 ó 035 Red 100% / Green Up / Blue 0% 036 ó 060 Red Down / Green 100% / Blue 0% 061 ó 085 Red 0% / Green 100% / Blue Up 086 ó 110 Red 0% / Green Down / Blue 100% 111 ó 135 Red Up / Green 0% / Blue 100% 136 ó 160 Red 100% / Green 0% / Blue Down 161 ó 185 Red 100% / Green Up / Blue Up 186 ó 210 Red Down / Green Down / Blue 100% 211 ó 215 White 1: 3,200 K 216 ó 220 White 2: 3,400 K 221 ó 225 White 3: 4,200 K 226 ó 230 White 4: 4,900 K 231 ó 235 White 5: 5,600 K 236 ó 240 White 6: 5,900 K 241 ó 245 White 7: 6,500 K 246 ó 250 White 8: 7,200 K 251 ó 255 White 9:8,000 K	
6	Strobe	000 ó 005 No function 006 ó 255 Slow~Fast	
7	Dimmer Speed	000 ó 009 Off 010 ó 069 Speed 1 (Fastest) 070 ó 129 Speed 2 130 ó 189 Speed 3 190 ó 255 Speed 4 (Slowest)	

Important Confirm DMX assignments with fixture's manual.

Contact Us

General Information

ILUMINARC®
5200 NW 108th Avenue
Sunrise, FL 33351
Voice: (954) 923-3680
Fax: (954) 929-5560
(ATTN: ILUMINARC®)
www.iluminarc.com

World Wide Web

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