OXO
show solutions
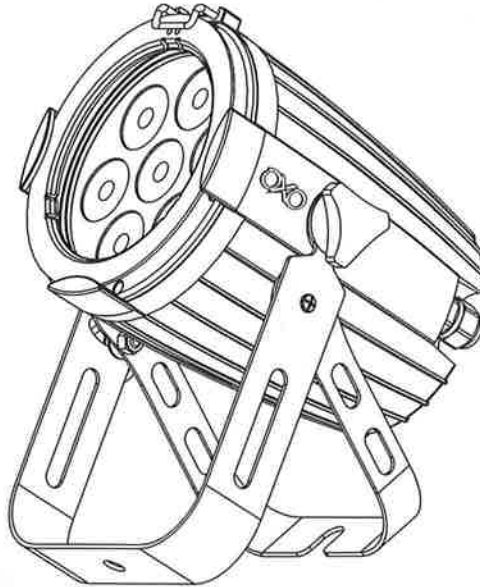
USER MANUAL
COLORBEAM 7 FCW IR
7 full color + white

Thank you for purchasing this product.
For your own safety, please read this user
manual carefully before you initially start-up

SAFETY INSTRUCTIONS

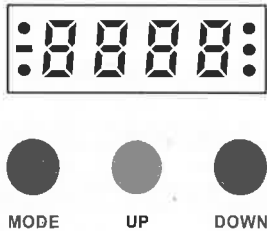**Every person involved with the installation, operation and maintenance of this device has to :**
• be qualified
• follow the instructions of this manual

• **CAUTION !** Be careful with your operations. With a dangerous voltage you can suffer a dangerous electric shock when touching the wires !
• This device has left our premises in absolutely perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.

• **IMPORTANT:** Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.
• Keep away from heaters and other heating sources !
• If the device has been exposed to drastic temperature fluctuation (e. g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.
• Make sure that the power-cord is never crimped or damaged by sharp edges. Check the device and the power-cord from time to time.
• If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
• shields, lenses or ultraviolet screens shall be changed if they have become visibly damaged to such an extent that their effectiveness is impaired, for example by cracks or deep scratches.
• Never let the power-cord come into contact with other cables ! Handle the power-cord and all connections with the mains with particular caution !
• Make sure that the available voltage is not higher than stated in this manual.
• Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power-cord by the plug. Never pull out the plug by tugging the power-cord.

- During the initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective.

- **DANGER OF BURNING !** Never touch the device during the operation ! The housing heats up to the housing temperature TSURFACE.
- Don't switch the device on and off in short intervals as this would reduce the lamp's life.

- **HEALTH HAZARD !** Never look directly into the light source, as sensitive persons may suffer an epileptic shock (especially meant for epileptics)
- Always disconnect from the mains, when the device is not in user or before cleaning it.
- Please note that damages caused by manual modifications on the device or unauthorized operation byunqualified persons are not subject to warranty.
- Keep away children and amateurs from the device !
- There are no serviceable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers.

OPERATION INSTRUCTIONS

1) The system has DMX online and stand-alone mode. DMX online mode can link other units and be controlled by DMX controller; The stand-alone has some functions of sound, Auto Mixcolor and Strobe and so on..When Slave fixture is under No-DMX / No IR OFF mode then it will turn DMX mode 4 with DMX signal.

2) Master / Slave Setting: The master (MODE5-MODEL 12/IR mode), and the slave(MODE1/2/4). When there is DMX signal, Master turns into DMX mode3 (mode 3 don't change). If not, fixture turn back to the last mode.

3) If a DMX signal is present under Online mode, the DMX LED will blink very fast to indicate, While under Master / Slave mode, Master's LED indicator will light and Slave's one will blink to indicate.

4)Display screen will turn off after 10s. In this condition, pressing any keys is useless; turning back when, pressing any keys with 3s. In OFF mode, IR's function is not restrict, it runs usual, but screen is off.

5) In IR mode, pressing any keys, the fixture would turn back to the last mode.

6) With any R/G/B/W output, the fan will on. W/O R/G/B/W output, after 3s, the fan stops.

1. IR INSTRUCTIONS

DISPLAY	BUTTON NAME	FUNCTION DESCRIPTION
	MODE	Select your desire mode.
	UP	DMX: select address; run AUTO MODE;
		adjust MODE speed. MACRO : select color.
MODE UP DOWN	DOWN	DMX: select address ; To run AUTO MODE.
		adjust MODE speed. MACRO : select color.

IRC161 REMOTE CONTROL USER MANUAL
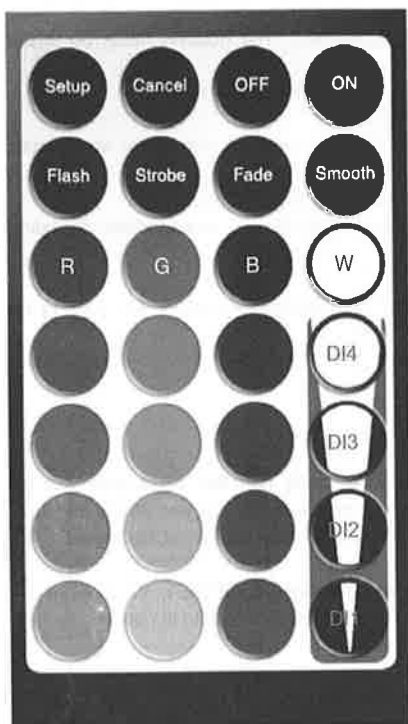
01) Setup : enter remote control mode.

02) Cancel : exit remote control mode, back to the target lamp control mode of before entering remote control mode.

03) OFF : turn off the target lamp.

04) ON : back to the remote condition of before turning off the target lamp.

05) Flash : 7 colors strobe mode +8 steps speed regulation.

06) Strobe : Strobe mode +8 steps speed regulation. (R / G / B / W   0:OFF, 1-255 JOIN IN).

07) Fade : fade mode +8 steps speed regulation. The color is decided by the color keys on the remote control (R / G / B / W   0:OFF, 1-255 JOIN IN).

08) Smooth : Auto-Mixcolor mode +8 steps speed regulation.

09) DI1 - DI4 : with other macro mode white value (0%,25%, 50%,75%,100%) or total value rate for (Flash, Strobe, Fade, Smooth) (25%,50%,75%,100%).

10) The rest keys show Mixcolor mode.

11) Infrared ray remote control should control Distance and Beam Angle, Distance <5M, Beam Angel <$\pm 30°$ best.

12) When in the short distance or the remote control can not work, please check whether the battery has exhausted !

Macro mode

MACRO	R	G	B	W
black	0	0	0	0
macro mode 1	0	0	128	0
macro mode 2	0	0	192	0
macro mode 3	0	0	255	0
macro mode 4	0	128	0	0
macro mode 5	0	128	128	0
macro mode 6	0	128	192	0
macro mode 7	0	128	255	0
macro mode 8	0	255	0	0
macro mode 9	0	255	128	0
macro mode 10	0	255	192	0
macro mode 11	0	255	255	0

MACRO	R	G	B	W
macro mode 12	128	0	0	0
macro mode 13	128	0	128	0
macro mode 14	128	0	192	0
macro mode 15	128	0	255	0
macro mode 16	128	128	0	0
macro mode 17	128	128	128	0
macro mode 18	128	128	192	0
macro mode 19	128	128	255	0
macro mode 20	128	255	0	0
macro mode 21	128	255	128	0
macro mode 22	128	255	192	0
macro mode 23	128	255	255	0

REMOTE CONTROL MODE MONITOR CONDITION

NO.	KEY	DISPLAY & FUNCTION	
1	Setup	" IR MODE "	
2	Cancel	Exit remote control mode	
3	OFF	" IR MODE off "	
4	ON	Back to the condition of before entering OFF	
5	Flash	" IR MODE fash 01 "	
6	Strobe	" IR MODE strobe 01 "	
7	Fade	" IR MODE fade 01 "	
8	Smooth	" IR MODE smooth XX "	
		MACRO MODE	**FUNCTION MODE**
9	DI1	White Dimmer 0%	Total dimmer 25%
10	DI2	White Dimmer 25%	Total dimmer 50%
11	DI3	White Dimmer 50%	Total dimmer 75%
12	DI4	White Dimmer 75%	Total dimmer 100%
13	W	White Dimmer 100%	" IR MODE 03 "
14	R	" IR MODE 00 "	
15	G	" IR MODE 01 "	
16	B	" IR MODE 02 "	
17	04	" IR MODE 04 "	
18	05	" IR MODE 05 "	
19	06	" IR MODE 06 "	
20	07	" IR MODE 07 "	
21	08	" IR MODE 08 "	
22	09	" IR MODE 09 "	
23	10	" IR MODE 10 "	
24	11	" IR MODE 11 "	
25	12	" IR MODE 12 "	
26	13	" IR MODE 13 "	
27	14	" IR MODE 14 "	
28	15	" IR MODE 15 "	

MACRO	R	G	B	W
macro mode 24	255	0	0	0
macro mode 25	255	0	128	0
macro mode 26	255	0	192	0
macro mode 27	255	0	255	0
macro mode 28	255	128	0	0
macro mode 29	255	128	128	0
macro mode 30	255	128	192	0
macro mode 31	255	128	255	0
macro mode 32	255	255	0	0
macro mode 33	255	255	128	0
macro mode 34	255	255	192	0
macro mode 35	255	255	255	255

Rear view   **DMX**   **MASTER**
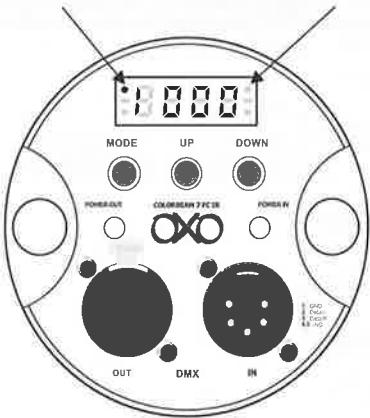
2. DISPLAY FUNCTION INSTRUCTIONS

NO.	MODE	DISPLAY	FUNCTION DESCRIPTION
1	DMX mode 1 (1CH)	1XXX (XXX=001-512)	Macro Mode
2	DMX mode 2 (2CHS)	2XXX (XXX=001-512)	Macro Mode (Ch1) + adjust luminance (Ch2)
3	DMX mode 3 (4CHS)	3XXX (XXX=001-512)	R(CH1), G(CH2), B(CH3), W(CH4)
4	DMX mode 4 (8CHS)	4XXX (XXX=001-512)	DMX MODE
5	Manual Macro mode 1	ncXX (XX=00-35)	35 Colors + black, Macro value
6	R Manual mode (static)	r XXX (XXX=000-255)	R adjust luminance , 000-255
7	G Manual mode (static)	g XXX (XXX=000-255)	G adjust luminance , 000-255
8	B Manual mode (static)	b XXX (XXX=000-255)	B adjust luminance , 000-255
9	W Manual mode (static)	U XXX (XXX=000-255)	W adjust luminance , 000-255
10	Manual strobe setting	StXX (XX=00-99)	Adjust strobe speed, 00-99: No-strobe-strobe fastest
11	Manual fade mixcolor mode	ShXX (XX=00-15)	Adjust fade mix-color speed, 00 slowest, 15 fastest
12	7 colors strobe	FLXX (XX=00-15)	Adjust 7 colors strobe speed, 00 slowest, 15 fastest
13	Audio mode	So	7 colors sound control
14	Display screen	ds-1	Display screen permanent light
		ds-2	Display screen will turn off 10s.In this condition pressing any keys is useless; turning back after pressing keys 3s.

3. DMX FUNCTION

1 > DMX MODE 1 (1 CH, DISPLAY: 1XXX; XXX = DMX address, press up/down change DMX address.		
Figure 1	CH1(0 - 255)	Function
DMX mode 1	Macro	35 colors setting + black

2 > DMX MODE 2 (2 CH, DISPLAY: 2XXX; XXX = DMX address, press up/down change DMX address.			
Figure 2	CH1(0 - 255)	CH2(0 - 255)	Function
DMX mode 2	Macro	luminance	35 colors setting + luminance

3 > DMX MODE 3 (4 CH, DISPLAY: 3XXX; XXX = DMX address, press up/down change DMX address.				
	CH1(0 - 255)	CH2(0 - 255)	CH3(0 - 255)	CH4(0 - 255)	Function
DMX mode 3	R	G	B	W	R/G/B/W luminance setting

4 > DMX MODE 4 (8 CH, DISPLAY: 4XXX; XXX = DMX address, press up/down change DMX address.

CH6	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	
Mode	R	G	B	W	Macro	Speed/Strobe	Mode	Master DIM	Function
(0-35)Adjust colors	0	0	0	0	0-13(off)	0-15: static 16-255: 16 different strobe	(0-35) Adjust colors	Dimmer 0-255: min-max	No out
	1-255	1-255	1-255	1-255					RGBW/Strobe
	NA	NA	NA	NA	14-255(macro)				35 colors macro mode
(36-71)	0 - 7 : OFF 8 - 255 JOIN IN						(36-71)		Light mode
(72-107)					NA	0-255: 16 different speed	(72-107)		Dim mode
(108-143)							(108-143)		Light and Dim mode
(144-179)							(144-179)		Auto mix color mode
(180-215)	NA	NA	NA	NA			(180-215)		3 colors strobe
(216-251)							(216-251)		7 colors strobe
7 colors audio control (252-255)	NA				NA	NA	7 colors audio control (252-255)		Light changes with sound value

TECHNICAL SPECIFICATIONS

Suitable for : indoor use IP 20
Voltage Input : 100-240VAC / 47-63Hz
Current : 0.35A
Power Consumption : 35W
LED amount : RGBW 4 in 1, 7 x 5W
DMX channel : 1/2/4/8 channels (DMX-MODE 1/2/4/8)
Dimensions (LxWxH) :300 x 195 x 158mm
Weight : 1.9Kg

CE