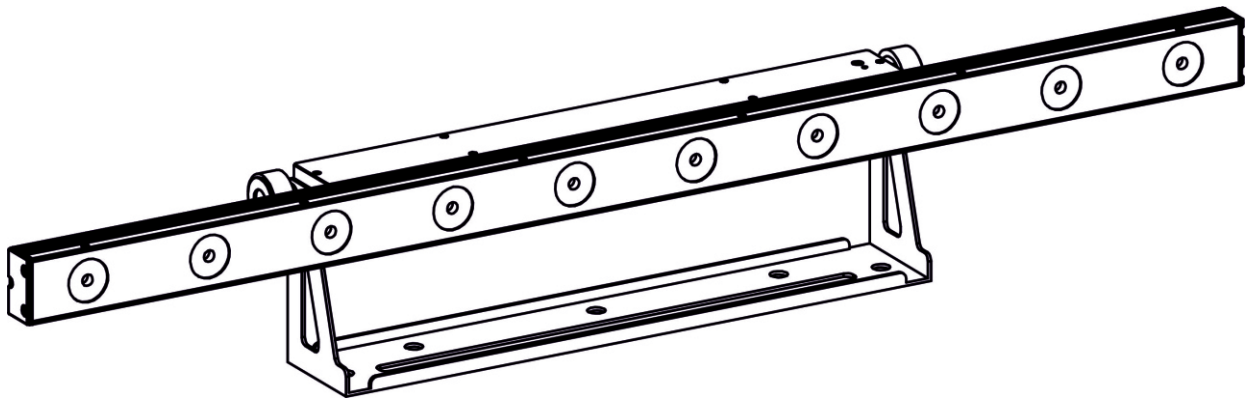


PIXBAR 12TC

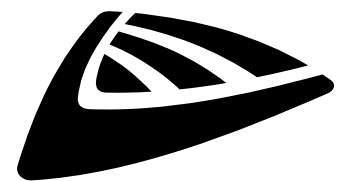


ENGLISH Operation Manual

Other languages can be downloaded from:
WWW.JB-SYSTEMS.EU



Version: 1.0



JB SYSTEMS



EN - DISPOSAL OF THE DEVICE

Dispose of the unit and used batteries in an environment friendly manner according to your country regulations.

FR - DÉCLASSER L'APPAREIL

Débarrassez-vous de l'appareil et des piles usagées de manière écologique Conformément aux dispositions légales de votre pays.

NL - VERWIJDEREN VAN HET APPARAAT

Verwijder het toestel en de gebruikte batterijen op een milieuvriendelijke manier conform de in uw land geldende voorschriften.

DU - ENTSORGUNG DES GERÄTS

Entsorgen Sie das Gerät und die Batterien auf umweltfreundliche Art und Weise gemäß den Vorschriften Ihres Landes.

ES - DESHACERSE DEL APARATO

Reciclar el aparato y pilas usadas de forma ecologica conforme a las disposiciones legales de su país.

PT - COMO DESFAZER-SE DA UNIDADE

Tente reciclar a unidade e as pilhas usadas respeitando o ambiente e em conformidade com as normas vigentes no seu país.

OPERATION MANUAL

Thank you for buying this JB SYSTEMS® product. To take full advantage of all possibilities and for your own safety, please read these operating instructions very carefully before you start using this unit.

FEATURES

- Full color lightbar with 12x 3W RGB LED's and individual pixel control
- Beam angle = 23°.
- The perfect tool for DJs and clubs but also for use one stage!
- Different control options:
 - Full DMX-control via 3, 4, 5, 8, 36, 39, 41 channels.
 - Can be used with the Ledcon-XL controller. (chase patterns = 4 groups of 3 Led's)
 - Many different integrated automatic programs.
 - Sound activated mode with internal microphone.
 - Master/slave mode for bigger setups
- Prepared for wireless DMX: just plug-in an optional WTR-DMX DONGLE ! (Briteq® code: B04645)

BEFORE USE

- Before you start using this unit, please check if there's no transportation damage. Should there be any, do not use the device and consult your dealer first.
- **Important:** This device left our factory in perfect condition and well packaged. It is absolutely necessary for the user to strictly follow the safety instructions and warnings in this user manual. Any damage caused by mishandling is not subject to warranty. The dealer will not accept responsibility for any resulting defects or problems caused by disregarding this user manual.
- Keep this booklet in a safe place for future consultation. If you sell the fixture, be sure to add this user manual.

Check the contents:

Check if the packing contains the following items:

- Operating instructions
- PIXBAR 12TC
- IR Remote control
- Mains cable

SAFETY INSTRUCTIONS:



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: To reduce the risk of electric shock, do not remove the top cover. No user-serviceable parts inside. Refer servicing to qualified service personnel only.



The lightning flash with arrowhead symbol within the equilateral triangle is intended to alert the user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying this appliance.



This symbol means: indoor use only.



This symbol means: Read instructions.



This symbol determines: the minimum distance from lighted objects. The minimum distance between light-output and the illuminated surface must be more than 0.1 meter.



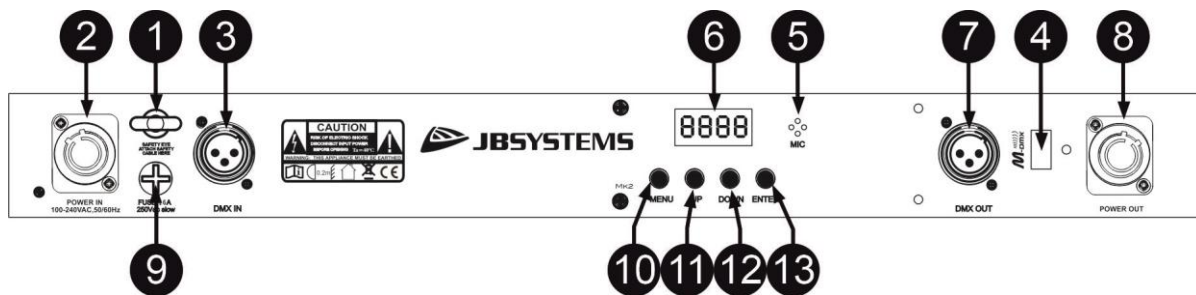
The device is not suitable for direct mounting on normally flammable surfaces. (suitable only for mounting on non-combustible surfaces)



CAUTION: Do not stare at operating lamp.
May be harmful to the eyes.

- To protect the environment, please try to recycle the packing material as much as possible.
- To prevent fire or shock hazard, do not expose this appliance to rain or moisture.
- To avoid condensation to be formed inside, allow the unit to adapt to the surrounding temperatures when bringing it into a warm room after transport. Condense sometimes prevents the unit from working at full performance or may even cause damages.
- This unit is for indoor use only.
- Don't place metal objects or spill liquid inside the unit. Electric shock or malfunction may result. If a foreign object enters the unit, immediately disconnect the mains power.
- Locate the fixture in a well ventilated spot, away from any flammable materials and/or liquids. The fixture must be fixed at least 50cm from surrounding walls.
- Don't cover any ventilation openings as this may result in overheating.
- Prevent use in dusty environments and clean the unit regularly.
- Keep the unit away from children.
- Inexperienced persons should not operate this device.
- Maximum safe ambient temperature is 40°C. Don't use this unit at higher ambient temperatures.
- Make sure the area below the installation place is free from unwanted persons during rigging, de-rigging and servicing.
- Allow the device about 10 minutes to cool down before to start servicing.
- Always unplug the unit when it is not used for a longer time or before to start servicing.
- The electrical installation should be carried out by qualified persons only, according to the regulations for electrical and mechanical safety in your country.
- Check that the available voltage is not higher than the one stated on the unit.
- The power cord should always be in perfect condition. Switch the unit immediately off when the power cord is squashed or damaged. It must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Never let the power-cord come into contact with other cables!
- This fixture must be earthed in order to comply with safety regulations.
- Don't connect the unit to any dimmer pack.
- Always use an appropriate and certified safety cable when installing the unit.
- In order to prevent electric shock, do not open the cover. There are no user serviceable parts inside.
- **Never** repair a fuse or bypass the fuse holder. **Always** replace a damaged fuse with a fuse of the same type and electrical specifications!
- In the event of serious operating problems, stop using the fixture and contact your dealer immediately.
- The housing and the lenses must be replaced if they are visibly damaged.
- Please use the original packing when the device is to be transported.
- Due to safety reasons it is prohibited to make unauthorized modifications to the unit.

Important: Never look directly into the light source! Don't use the effect in the presence of persons suffering from epilepsy.

DESCRIPTION:

1. **SAFETY EYE:** used to attach a safety cable when the unit is rigged, see paragraph “overhead rigging”
2. **MAINS INPUT:** connect the included mains cable here. You can also use any power cord with a PowerCon connector.
3. **DMX INPUT:** 3pin male XLR-connector used to connect the projector with the DMX controller or with the previous unit in the DMX chain.
4. **M-DMX INPUT:** Please note that this USB-connector is NOT used for updates or to connect the unit to a PC! Instead, this USB-connector makes it very easy to add wireless DMX to the unit! Just add the (optional) WTR-DMX DONGLE from BRITEQ® and you will get wireless DMX! Moreover, you will be able to connect other DMX-controlled equipment to the DMX-output so you can share the wireless DMX function with all connected units! No extra settings to be made in the setup menu, just follow the procedure in the user manual supplied with the WTR-DMX DONGLE from BRITEQ®. The separate WTR-DMX DONGLE is available from WWW.BRITEQ-LIGHTING.COM (order code: 4645)
5. **MICROPHONE:** is used to trigger the sound-controlled functions and programs
6. **DISPLAY** shows the various menus and the selected functions.
7. **DMX OUTPUT:** 3pin female XLR-connector used to connect the projector with the next unit in the DMX chain.
8. **MAINS OUTPUT:** you can use this output to power the mains input of the next unit in the DMX chain (for easier linking up to 10A). You can also use a Combi Cable to link power and DMX signal with one cable
9. **FUSE HOLDER:** Important: Always replace the fuse by a model with the same specifications!
10. **MENU button:** used to browse the different functions in the menu
11. **UP button:** to increase the values shown on the display.
12. **DOWN button:** to lower the values shown on the display.
13. **ENTER button:** used to confirm your choice or to enter the setup mode of a function

OVERHEAD RIGGING

- **Important:** The installation must be carried out by qualified service personal only. Improper installation can result in serious injuries and/or damage to property. Overhead rigging requires extensive experience! Working load limits should be respected, certified installation materials should be used, the installed device should be inspected regularly for safety.
- Make sure the area below the installation place is free from unwanted persons during rigging, de-rigging and servicing.
- The device should be installed out of reach of people and outside areas where persons may walk by or be seated.
- Before rigging make sure that the installation area can hold a minimum point load of 10times the device's weight.
- Always use a certified safety cable that can hold 12 times the weight of the device when installing the unit. This secondary safety attachment should be installed in a way that no part of the installation can drop more than 20cm if the main attachment fails.
- The device should be well fixed; a free-swinging mounting is dangerous and may not be considered!
- Don't cover any ventilation openings as this may result in overheating.
- The operator has to make sure that the safety-relating and machine-technical installations are approved by an expert before using them for the first time. The installations should be inspected every year by a skilled person to be sure that safety is still optimal.

HOW TO SET UP AND CONTROL THE UNIT

You can operate the unit in several ways:

1) STATIC COLOR STANDALONE MODE:

You can manually set a fixed color for the full bar. This can be done in 2 ways

SELECT ONE OF THE 7 COLOR PRESETS

- Press the [MENU] button until the display shows [STA].(static)
- Press the [ENTER] button to enter the setup. The display shows a value from [St 1] to [St 7].
- Use the [UP] and [DOWN] buttons to choose the desired static color preset:
- Press the [ENTER] button to confirm

SET THE VALUES FOR RED? GREEN AND BLUE TO COMPOSE YOUR OWN CUSTOM COLOR

- Press the [MENU] button until the display shows [CoL].
- Press the [ENTER] button to enter the setup.
- The display shows [r.xxx] (“r” followed by a number)
- Use the [UP] and [DOWN] buttons to set the intensity for the RED color from [r. 0] = off, to [r.255] = Full on
- Press the [ENTER] button to confirm.
- The display shows [G.xxx] (“G” followed by a number)
- Use the [UP] and [DOWN] buttons to set the intensity for the GREEN color from [G. 0] = off, to [G.255] = Full on
- Press the [ENTER] button to confirm.
- The display shows [b.xxx] (“b” followed by a number)
- Use the [UP] and [DOWN] buttons to set the intensity for the BLUE color from [b. 0] = off, to [b.255] = Full on
- Press the [ENTER] button to confirm.

2) FULL AUTOMATIC STANDALONE MODE:

The effect automatically runs a preprogrammed sequence. Select this mode when only 1 unit is used (standalone) or when the unit is placed as the first (master) unit in a chain with several units in Master/Slave mode (see below).

Automatic show mode: this is how to select one of the preprogrammed shows

- Press the [MENU] button until the display shows [Aut].
- Press the [ENTER] button to enter the setup.
- Use the [UP] and [DOWN] buttons to choose one of the 23 automatic shows, from [Au 1] to [Au23]
- Press the [ENTER] button to confirm.
If needed, you can adjust the program speed via the next menu option: [SPE] (speed)
- Press the [MENU] button until the display shows [SPE].
- Press the [ENTER] button to enter the setup.
- Use the [UP] and [DOWN] buttons to choose the speed, from [S 1] (slow) to [S100] (fast)
- Press the [ENTER] button to confirm.

3) SOUND CONTROLLED STANDALONE MODE:

The PIXBAR 12TC runs a preprogrammed sequence to the rhythm of the music. Select this mode when only 1 unit is used (standalone) or when the PIXBAR 12TC is placed as the first (master) unit in a chain with several units.

- Press the [MENU] button until the display shows [Snd]. (sound)
- Press the [ENTER] button to confirm.
If the chase is not reacting correctly to the sound, you can adjust the sensitivity of the microphone with the next option:
- Press the [MENU] button until the display shows [SEn].
- Press the [ENTER] button to enter the setup.
- Use the [UP] and [DOWN] buttons to set the sensitivity of the microphone, from [u. 0] (microphone OFF) to [u.100] (highest sensitivity)
- Press the [ENTER] button to confirm.

4) MASTER/SLAVE STANDALONE MODE:

When you have several PIXBAR 12TC units and you want them to all work synchronously, you can work in the so called master/slave mode. To do this, just daisy-chain all the units (see drawing below)

- Select the desired settings for the static, automatic or sound controlled program in this MASTER unit. (this is the first unit in the chain, that has no controller connected to it)
- Now put all the other units in slave mode. Once this is done, the “slave” units will follow the orders of the Master unit, so they work in perfect synchronicity.

To set a unit in slave mode:

- Press the [MENU] button until the display shows [SLA].
- Press the [ENTER] button to enter this mode.
- [SLAV] will appear on the display
- Press the [ENTER] button to confirm the slave mode.



5) CONTROLLED VIA DMX:

The unit can be controlled by any standard DMX-controller in 8 different DMX-modes: 3, 4, 5, 8, 36, 39, 41 channels + LCHL mode (Ledcon-XL)

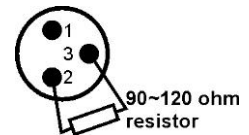
Below, you can find the charts with the functions of all the different DMX modes

- Connect the DMX input of the PIXBAR 12TC to the DMX output of the previous unit in the chain or directly to the DMX-output of your controller.
- Press the [MENU] button until the display shows the desired DMX mode: [3Ch], [4Ch], [5Ch], [8Ch], [36Ch], [39Ch], [41Ch] or [LCHL].
- Press the [ENTER] button to select the desired channel mode
- The actual DMX address is shown on the display (“d” followed by the DMX address).
- Now you can use the [UP/DOWN] buttons to set the desired DMX address. [dxxx]
- Press the [ENTER] button to confirm your choice.



Some more information on DMX512:

The DMX-protocol is a widely used high speed signal to control intelligent light equipment. You need to “daisy chain” your DMX controller and all the connected light effects with a good quality XLR M/F balanced cable. To prevent strange behavior of the light effects, due to interferences, you must use a 90Ω to 120Ω terminator at the end of the chain. Never use Y-splitter cables, this simply won't work!



Each effect in the chain needs to have its proper starting address so it knows which commands from the controller it has to decode.

3 channel DMX-Mode

Channel	Value	Function	
CH 1	000-255	Red	Manual color mix
CH 2	000-255	Green	
CH 3	000-255	Blue	

4 channel DMX-Mode

Channel	Value	Function	
CH 1	000-020	Color 1 / RED	Color channel (color macro's = same as the colors from the wireless remote)
	021-040	Color 2 / GREEN	
	041-060	Color 3 / LIGHT BLUE	
	061-080	Color 4 / ORANGE	
	081-100	Color 5 / BLUE	
	101-120	Color 6 / WHITE	
	121-140	Color 7 / PURPLE	
	141-160	Color 8 / PINK	
	161-180	Color 9 / YELLOW	
	181-200	Color 10 / CYAN	
	201-220	Color 11 / WARM WHITE	
	221-243	Color Fade	
244-255	Random Color Chase		
CH 2	000-009	Hold (freeze)	Color Chase Speed
	010-243	Color chase speed (slow to fast)	
	244-255	Sound-Active color mode	
CH 3	000-255	Dimmer	Dimmer
CH 4	000-009	NO strobe	Strobe
	010-232	Strobe (slow to fast)	
	233-243	Random Strobe	
	244-255	Sound Controlled	

5 channel DMX-Mode

Channel	Value	Function	
CH 1	000-255	Red	Manual color mix
CH 2	000-255	Green	
CH 3	000-255	Blue	
CH 4	000-255	Dimmer	Dimmer
CH 5	000-009	NO strobe	Strobe
	010-232	Strobe (slow to fast)	
	233-243	Random Strobe	
	244-255	Sound Controlled	

8 channel DMX-Mode

Channel	Value	Function	
CH 1	000-255	Red	Manual color mix
CH 2	000-255	Green	
CH 3	000-255	Blue	
CH 4	000-009	No function (Ch 1, 2, 3 active)	Automatic Program
	010-019	Program 1	
	020-029	Program 2	
	030-039	Program 3	
	040-049	Program 4	
	050-059	Program 5	
	060-069	Program 6	
	070-079	Program 7	
	080-089	Program 8	
	090-099	Program 9	
	100-109	Program 10	
	110-119	Program 11	
	120-129	Program 12	
	130-139	Program 13	
	140-149	Program 14	
	150-159	Program 15	
	160-169	Program 16	
	170-179	Program 17	
	180-189	Program 18	
	190-199	Program 19	
200-209	Program 20		
210-219	Program 21		
220-229	Program 22		
230-243	Program 23		
244-255	Random Program		
CH 5	000-009	Hold (freeze)	Color Program Speed
	010-249	Color chase speed (slow to fast)	
	250-255	Sound-Active color mode	
CH 6	000-255	Dimmer	Dimmer Speed mode
CH 7	000-051	Dimmer speed from display	
	052-101	Dimmer speed mode OFF	
	102-152	Slow Dimmer speed (DIM1)	
	153-203	Medium Dimmer speed (DIM2)	
204-255	Fast Dimmer speed (DIM3)		
CH 8	000-009	NO strobe	Strobe
	010-232	Strobe (slow to fast)	
	233-243	Random Strobe	
	244-255	Sound Controlled	

36 channel DMX-Mode

Channel	Value	Function	
CH 1	000-255	Red	Manual color Led 1
CH 2	000-255	Green	
CH 3	000-255	Blue	
CH 4	000-255	Red	Manual color Led 2
CH 5	000-255	Green	
CH 6	000-255	Blue	
CH 7	000-255	Red	Manual color Led 3
CH 8	000-255	Green	
CH 9	000-255	Blue	
CH 10	000-255	Red	Manual color Led 4
CH 11	000-255	Green	
CH 12	000-255	Blue	
CH 13	000-255	Red	Manual color Led 5
CH 14	000-255	Green	
CH 15	000-255	Blue	
CH 16	000-255	Red	Manual color Led 6
CH 17	000-255	Green	
CH 18	000-255	Blue	
CH 19	000-255	Red	Manual color Led 7
CH 20	000-255	Green	
CH 21	000-255	Blue	
CH 22	000-255	Red	Manual color Led 8
CH 23	000-255	Green	
CH 24	000-255	Blue	
CH 25	000-255	Red	Manual color Led 9
CH 26	000-255	Green	
CH 27	000-255	Blue	
CH 28	000-255	Red	Manual color Led 10
CH 29	000-255	Green	
CH 30	000-255	Blue	
CH 31	000-255	Red	Manual color Led 11
CH32	000-255	Green	
CH 33	000-255	Blue	
CH 34	000-255	Red	Manual color Led 12
CH 35	000-255	Green	
CH 36	000-255	Blue	

39 channel DMX-Mode

Channel	Value	Function	
CH 1	000-255	Red	Manual color Led 1
CH 2	000-255	Green	
CH 3	000-255	Blue	
CH 4	000-255	Red	Manual color Led 2
CH 5	000-255	Green	
CH 6	000-255	Blue	
CH 7	000-255	Red	Manual color Led 3
CH 8	000-255	Green	
CH 9	000-255	Blue	
CH 10	000-255	Red	Manual color Led 4
CH 11	000-255	Green	
CH 12	000-255	Blue	
CH 13	000-255	Red	Manual color Led 5
CH 14	000-255	Green	
CH 15	000-255	Blue	
CH 16	000-255	Red	Manual color Led 6
CH 17	000-255	Green	
CH 18	000-255	Blue	
CH 19	000-255	Red	Manual color Led 7
CH 20	000-255	Green	
CH 21	000-255	Blue	
CH 22	000-255	Red	Manual color Led 8
CH 23	000-255	Green	
CH 24	000-255	Blue	
CH 25	000-255	Red	Manual color Led 9
CH 26	000-255	Green	
CH 27	000-255	Blue	
CH 28	000-255	Red	Manual color Led 10
CH 29	000-255	Green	
CH 30	000-255	Blue	
CH 31	000-255	Red	Manual color Led 11
CH32	000-255	Green	
CH 33	000-255	Blue	
CH 34	000-255	Red	Manual color Led 12
CH 35	000-255	Green	
CH 36	000-255	Blue	
CH 37	000-255	Dimmer	Dimmer
CH 38	000-051	Dimmer speed from display	Dimmer Speed mode
	052-101	Dimmer speed mode OFF	
	102-152	Slow Dimmer speed (DIM1)	
	153-203	Medium Dimmer speed (DIM2)	
CH 39	204-255	Fast Dimmer speed (DIM3)	Strobe
	000-009	NO strobe	
	010-232	Strobe (slow to fast)	
	233-243	Random Strobe	
	244-255	Sound Controlled	

41 channel DMX-Mode

Channel	Value	Function	
CH 1	000-255	Red	Manual color Led 1
CH 2	000-255	Green	
CH 3	000-255	Blue	
CH 4	000-255	Red	Manual color Led 2
CH 5	000-255	Green	
CH 6	000-255	Blue	
CH 7	000-255	Red	Manual color Led 3
CH 8	000-255	Green	
CH 9	000-255	Blue	
CH 10	000-255	Red	Manual color Led 4
CH 11	000-255	Green	
CH 12	000-255	Blue	
CH 13	000-255	Red	Manual color Led 5
CH 14	000-255	Green	
CH 15	000-255	Blue	
CH 16	000-255	Red	Manual color Led 6
CH 17	000-255	Green	
CH 18	000-255	Blue	
CH 19	000-255	Red	Manual color Led 7
CH 20	000-255	Green	
CH 21	000-255	Blue	
CH 22	000-255	Red	Manual color Led 8
CH 23	000-255	Green	
CH 24	000-255	Blue	
CH 25	000-255	Red	Manual color Led 9
CH 26	000-255	Green	
CH 27	000-255	Blue	
CH 28	000-255	Red	Manual color Led 10
CH 29	000-255	Green	
CH 30	000-255	Blue	
CH 31	000-255	Red	Manual color Led 11
CH32	000-255	Green	
CH 33	000-255	Blue	
CH 34	000-255	Red	Manual color Led 12
CH 35	000-255	Green	
CH 36	000-255	Blue	
CH 37	000-009	No function (Ch 1to 36 active)	Automatic Program
	010-019	Program 1	
	020-029	Program 2	
	030-039	Program 3	
	040-049	Program 4	
	050-059	Program 5	
	060-069	Program 6	
	070-079	Program 7	
	080-089	Program 8	
	090-099	Program 9	
	100-109	Program 10	
	110-119	Program 11	
	120-129	Program 12	
130-139	Program 13		

	140-149	Program 14	
	150-159	Program 15	
	160-169	Program 16	
	170-179	Program 17	
	180-189	Program 18	
	190-199	Program 19	
	200-209	Program 20	
	210-219	Program 21	
	220-229	Program 22	
	230-243	Program 23	
	244-255	Random Program	
CH 38	000-009	Hold (freeze)	Program Speed
	010-243	Color chase speed (slow to fast)	
	244-255	Sound-Active color mode	
CH 39	000-255	Dimmer	Dimmer
CH 40	000-051	Dimmer speed from display	Dimmer Speed mode
	052-101	Dimmer speed mode OFF	
	102-152	Slow Dimmer speed (dIM1)	
	153-203	Medium Dimmer speed (dIM2)	
	204-255	Fast Dimmer speed (dIM3)	
CH 41	000-009	NO strobe	Strobe
	010-232	Strobe (slow to fast)	
	233-243	Random Strobe	
	244-255	Sound Controlled	

LCHL DMX-Mode

Special DMX mode for the JB Systems LEDCON-XL controller. The LED's will be controlled in 4 groups of 3 units. Set the 4 (or 8) unit ID's in the LEDCON-XL to RGB

Channel	Value	Function	
CH 1	000-255	Red	Manual color group 1 Led 1-2-3
CH 2	000-255	Green	
CH 3	000-255	Blue	
CH 4	000		Not used (empty)
CH 5	000		
CH 6	000		
CH 7	000		
CH 8	000		
CH 9	000-255	Red	Manual color group 2 Led 4-5-6
CH 10	000-255	Green	
CH 11	000-255	Blue	
CH 12	000		Not used (empty)
CH 13	000		
CH 14	000		
CH 15	000		
CH 16	000		
CH 17	000-255	Red	Manual color group 3 Led 7-8-9
CH 18	000-255	Green	
CH 19	000-255	Blue	
CH 20	000		Not used (empty)
CH 21	000		
CH 22	000		
CH 23	000		

CH 24	000		
CH 25	000-255	Red	Manual color group 4 Led 10-11-12
CH 26	000-255	Green	
CH 27	000-255	Blue	
CH 28	000		Not used (empty)
CH 29	000		
CH 30	000		
CH 31	000		
CH32	000		

6) CONTROLLED VIA THE LEDCON-XL:

The unit can be controlled by the JB Systems LEDCON-XL controller.
Connect the DMX input of the PIXBAR 12TC to the DMX output of the LEDCON-XL.

The LEDCON-XL can control the PIXBAR 12TC in 2 ways:

A) Control the PIXBAR 12TC as one single unit (all LED's will always have the same color)

LEDCON-XL settings:

in this mode, each PIXBAR will be considered as 1 single projector (no pixel control)

This means the PIXBAR can be controlled by any of the 8 UNIT channels.

Set the UNIT ID (of unit 1, 2, 3, 4, 5, 6, 7, or/and 8) on the LEDCON-XL to patch 11 [RGB] (check the manual of the LEDCON-XL for more information)

If you have several PIXBARs, you can set several (or all) UNIT ID's to Patch 11. Like this you can run several chase programs over the different bars.

PIXBAR settings:

- Press the [MENU] button of the PIXBAR 12TC until the display shows the desired DMX mode: [3Ch].
- Press the [ENTER] button to select the channel mode
- The actual DMX address is shown on the display ("d" followed by the DMX address).
- Now you can use the [UP/DOWN] buttons to set the desired DMX address. [dxxx]
The address needs to correspond to the UNIT (1 to 8) you have chosen on the LEDCON-XL to control your projector
 - [Unit 1] = address 001
 - [Unit 2] = address 009
 - [Unit 3] = address 017
 - [Unit 4] = address 025
 - [Unit 5] = address 033
 - [Unit 6] = address 041
 - [Unit 7] = address 049
 - [Unit 8] = address 057
- Press the [ENTER] button to confirm your choice.

B) Control the PIXBAR 12TC via 4 separate pixel groups of 3 LEDs

In this mode, each PIXBAR will be split in 4 groups of 3 LED's. (3 LED's = 1 pixel)

When you select one of the "Chase 2" programs on the ledcon, the chase will run over the 4 pixel groups.

This means the LEDCON-XL will use 4 UNIT sections to control 1 bar.

This can be UNIT-1 to 4, or UNIT 5 to 8.

If you have more than one bar, you can use all UNIT sections to have a nicer chase effect.

LEDCON-XL settings:

in this mode, each PIXBAR will be considered as 4 single projectors

Set the UNIT ID (of unit 1, 2, 3, and 4) on the LEDCON-XL to patch 11 [RGB] (check the manual of the LEDCON-XL for more information)

If you have several PIXBARs, you can set all the UNIT ID's to Patch 11. Like this you can run nicer chase programs over 2 different bars.

PIXBAR settings:

- Press the [MENU] button of the PIXBAR 12TC until the display shows the desired DMX mode: [LCHL]. (ledcon-XL)
- Press the [ENTER] button to select the channel mode
- The actual DMX address is shown on the display (“d” followed by the DMX address).
- Now you can use the [UP/DOWN] buttons to set the desired DMX address. [dxxx]
 - If you use UNIT 1 to 4 of the ledcon-xl to control your first bar, set address [d 1]
 - If you use UNIT 5 to 8 of the ledcon-xl to control your second bar, set address [d 33]
- Press the [ENTER] button to confirm your choice.

7) CONTROLLED VIA WIRELESS REMOTE CONTROLLER:

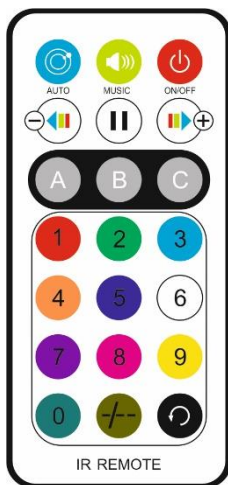
The unit can be controlled by the wireless RF remote controller.

When you want to use the controller, you first need to activate this option in the bar.

REMOTE CONTROLLER ON/OFF [Ir]

- Press the [MENU] button until the display shows [SYS].
- Press the [ENTER] button
- If needed, use the [UP/DOWN] buttons to go to [Ir], then press [ENTER]
- Now you can use the [UP/DOWN] buttons to switch the remote-control receiver ON or OFF
 - [on]: the wireless remote controller can be used to control the PIXBAR
 - [oFF]: the wireless remote controller can NOT be used to control the PIXBAR
- Press the [ENTER] button to confirm your choice.

Functions:



	To switch the effect On or Off
	Press to select the automatic programs
	Press to select the sound activated programs
	Select Red and use to adjust its intensity in your custom color
	Select Green and use to adjust its intensity in your custom color
	Select Blue and use to adjust its intensity in your custom color
	Use these buttons to modify the program / speed. When A, B or C is selected it will modify the intensity of the color
	To pause the program
	Toggle between program and speed when automatic programs are running. Use to adjust
1	Preset color: Red
2	Preset color: Green
3	Preset color: Light Blue
4	Preset color: Orange
5	Preset color: Blue
6	Preset color: White
7	Preset color: Purple
8	Preset color: Pink
9	Preset color: Yellow
0	Preset color: Cyan
-/--	Preset color: Warm White

Extra functions in the menu:**DIMMER MODE [diM]**

This option can be used to choose the dimming speed.

- Press the [MENU] button until the display shows [diM].
- Now you can use the [UP/DOWN] buttons to set the desired Dimming speed:
 - [oFF] : the dimmer will have not delay and will react immediately
 - [diM1] : the dimmer will have a slow delay (halogen lamp simulation)
 - [diM2] : the dimmer will have a medium delay
 - [diM3] : the dimmer will have a fast delay
- Press the [ENTER] button to confirm your choice.

REMOTE CONTROLLER ON/OFF [Ir]

This option can be used to switch the control via wireless handcontroller ON or OFF.

- Press the [MENU] button until the display shows [SYS].
- Press the [ENTER] button
- If needed, use the [UP/DOWN] buttons to go to [Ir], then press [ENTER]
- Now you can use the [UP/DOWN] buttons to switch the remote-control receiver ON or OFF
 - [on]: the wireless remote controller can be used to control the PIXBAR
 - [oFF]: the wireless remote controller can NOT be used to control the PIXBAR
- Press the [ENTER] button to confirm your choice.

FACTORY RESET

This option can be used to reset all the setting to the original factory settings.

- Press the [MENU] button until the display shows [SYS].
- Press the [ENTER] button
- If needed, use the [UP/DOWN] buttons to go to [rEst], then press [ENTER]
- The reset will be executed while the firmware version will be shown.

MAINTENANCE

- Make sure the area below the installation place is free from unwanted persons during servicing.
- Switch off the unit, unplug the mains cable and wait until the unit has been cooled down.

During inspection the following points should be checked:

- All screws used for installing the device and any of its parts should be tightly fastened and may not be corroded.
- Housings, fixations and installations spots (ceiling, truss, suspensions) should be totally free from any deformation.
- When an optical lens is visibly damaged due to cracks or deep scratches, it must be replaced.
- The mains cables must be in impeccable condition and should be replaced immediately when even a small problem is detected.
- In order to protect the device from overheat the cooling fans (if any) and ventilation openings should be cleaned monthly.
- The interior of the device should be cleaned annually using a vacuum cleaner or air-jet.
- The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surroundings can cause greater accumulation of dirt on the unit's optics.
 - Clean with a soft cloth using normal glass cleaning products.
 - Always dry the parts carefully.

Attention: We strongly recommend internal cleaning to be carried out by qualified personnel!

SPECIFICATIONS

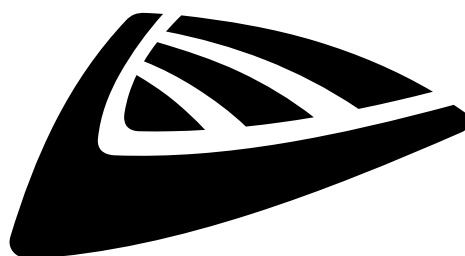
This unit is radio-interference suppressed. This product meets the requirements of the current European and national guidelines. Conformity has been established and the relevant statements and documents have been deposited by the manufacturer.

This device was designed to produce decorative effect lighting and is used in light show systems.

Mains Input:	100-230Vac, 50/60Hz
Power consumption:	50 Watt Max. (@ 230V)
Fuse:	250V 1.6A slow blow (20mm glass)
Sound Control:	Internal microphone
DMX connections:	XLR 3pin
DMX modes:	3, 4, 5, 8, 36, 39, 41 channels + LCHL mode (Ledcon-XL)
RGB LEDs:	12x 3W RGB, Beam angle = 23°
Dimensions:	1000 x 140 x 84mm
Weight:	3,78 kg

All the information is subject to change without prior notice

You can download the latest version of this user manual on our website: www.jb-systems.eu



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