UV LED BAR20 IR
User Instructions

ADJ PRODUCTS LLC World Headquarters
6122 S. Eastern Ave. l Los Angeles, CA 90040 USA
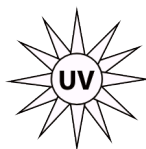Tel: 800-322-6337 l Fax: 323-582-2941 l www.adj.com lsupport@adj.com

ADJ Supply Europe B.V.
Junostraat 2 l 6468 EW Kerkrade l Netherlands
Tel: +31 45 546 85 00 l Fax: +31 45 546 85 99 l www.americandj.eu l service@americandj.eu

⚠CAUTION

HIGH INTENSITY ULTRAVIOLET LIGHT

UV

AVOID DIRECT EYE & SKIN EXPOSURE.
WEAR PROPER EYE & SKIN PROTECTION.
SEE MANUAL FOR SAFETY INSTRUCTIONS.

RISK GROUP 3 - RISK OF EXPOSURE TO ULTRAVIOLET (UV) RADIATION! FIXTURE EMITS HIGH INTENSITY WAVELENGTH OF ULTRAVIOLET LIGHT. WEAR PROPER EYE AND SKIN PROTECTION.
DO NOT OPERATE FIXTURE WITH DAMAGED/MISSING EXTERNAL COVER OR PROTECTIVE LENS.
DO NOT LOOK DIRECTLY INTO THE (UV) LIGHT AND/OR VIEW (UV) LIGHT DIRECTLY WITH OPTICAL INSTRUMENTS THAT MAY CONCENTRATE THE LIGHT/RADIATION OUTPUT.
AVOID PROLONGED PERIODS OF EXPOSURE.
AVOID WEARING WHITE COLOR CLOTHING AND/OR USING (UV) PAINTS ON SKIN.
AVOID DIRECT EYE AND/OR SKIN EXPOSURE AT DISTANCES SHORTER THAN 11 FEET (3.3 METERS).
INDIVIDUALS SUFFERING FROM A RANGE OF EYE CONDITIONS, SUNLIGHT EXPOSURE DISORDERS, OR INDIVIDUALS USING PHOTOSENSITIVE MEDICATION MAY EXPERIENCE DISCOMFORT IF EXPOSED TO THE ULTRAVIOLET (UV) LIGHT EMITTED FROM THIS FIXTURE.

Europe Energy Saving Notice

Energy Saving Matters (EuP 2009/125/EC)

Saving electric energy is a key to help protecting the environment. Please turn off all electrical products when they are not in use. To avoid power consumption in idle mode, disconnect all electrical equipment from power when not in use. Thank you!

DOCUMENT VERSION

Due to additional product features and/or enhancements, an updated version of this document may be available online.
Please check www.adj.com for the latest revision/update of this manual before beginning installation and/or programming.

Date	Document Version	Software Version	DMX Channels	Notes
01/01/17	1	1.00	1/2/3	Initial Release
08/09/23	1.1	N/C	N/C	Update Format

CONTENTS

GENERAL INFORMATION

INTRODUCTION

Please read and understand the instructions in this manual carefully and thoroughly before attempting to operate this device. These instructions contain important safety and use information.

This product is intended for use by professionally trained personnel only, and is not suitable for private use.

UNPACKING

Every device has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton is damaged, carefully inspect the device for damage, and be sure all accessories necessary to install and operate the device have arrived intact. In the event damage has been found or parts are missing, please contact our customer support team for further instructions. Please do not return this device to your dealer without first contacting customer support. Please do not discard the shipping carton in the trash. Please recycle whenever possible.

KEY FEATURES:

The UV LED BAR20 IR is a high output ultraviolet LED backlight that comes with a wireless remote for easy control of On/Off and strobe speed. It is a free solution for washing stages, nightclubs, Bowling Center, Roller Rinks and Fun Centers with ultraviolet light.

CUSTOMER SUPPORT

Contact ADJ Service for any product related service and support needs.
Also visit forums.adj.com with questions, comments or suggestions.

ADJ SERVICE USA - Monday - Friday 8:00am to 4:30pm PST
323-582-2650 l Fax: 323-832-2941 l support@adj.com

ADJ SERVICE EUROPE - Monday - Friday 08:30 to 17:00 CET
+31 45 546 85 60 l Fax: +31 45 546 85 96 l support@adj.eu

REPLACEMENT PARTS please visit parts.adj.com

⚠ **IMPORTANT NOTICE!**

THERE ARE NO USER SERVICEABLE PARTS INSIDE THIS UNIT.
DO NOT ATTEMPT ANY REPAIRS YOURSELF; DOING SO WILL VOID YOUR MANUFACTURER'S WARRANTY. DAMAGES RESULTING FROM MODIFICATIONS TO THIS FIXTURE AND/OR THE DISREGARD OF SAFETY INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURER'S WARRANTY AND ARE NOT SUBJECT TO WARRANTY CLAIMS AND/OR REPAIRS.

It is strongly recommended to power the fixture down completely when not in use. Doing so will reduce wear on the fixture due to sustained or extended operational periods, thereby maximizing its operational lifespan.

LIMITED WARRANTY (USA ONLY)

A. ADJ Products, LLC hereby warrants, to the original purchaser, ADJ Products, LLC products to be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period on reverse). This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.

B. For warranty service, you must obtain a Return Authorization number (RA#) before sending back the product-please contact ADJ Products, LLC Service Department at 800-322-6337. Send the product only to the ADJ Products, LLC factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, ADJ Products, LLC will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in its original package. No accessories should be shipped with the product. If any accessories are shipped with the product, ADJ Products, LLC shall have no liability whatsoever for loss of or damage to any such accessories, or for the safe return thereof.

C. This warranty is void of the serial number has been altered or removed; if the product is modified in any manner which ADJ Products, LLC concludes, after inspection, affects the reliability of the product, if the product has been repaired or service by anyone other than ADJ Products, LLC factory unless prior written authorization was issued to purchaser by ADJ Products, LLC; if the product is damaged because not properly maintained as set forth in the instruction manual.

D. This is not a service contact, and this warranty does not include maintenance, cleaning or periodic check up. During the period specified above, ADJ Products, LLC will replace defective parts at its expense with new or refurbished parts, and will absorb all expenses for warrant service and repair labor by reason of defects in material or workmanship. The sole responsibility of ADJ Products, LLC under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of ADJ Products, LLC. All products covered by this warranty were manufactured after August 15, 2012, and bear identifying marks to that effect.

E. ADJ Products, LLC reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured.

F. No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by ADJ Products, LLC in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said period has expired. The consumer's and/or Dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall ADJ Products, LLC be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

G. This warranty is the only written warranty applicable to ADJ Products, LLC Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

LIMITED WARRANTY PERIODS

•   **Non L.E.D. Lighting Products = 1-year (365 days) Limited Warranty** (Such as: Special Effect Lighting, Intelligent Lighting, UV lighting, Strobes, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands etc. excluding LED and lamps)

•   **Laser Products = 1 Year (365 Days) Limited Warranty** (excludes laser diodes which have 6 month limited warranty)

•   **L.E.D. Products = 2-year (730 days) Limited Warranty** (excluding batteries which have a 180 day limited warranty) Note: 2 Year Warranty only applies to purchases within the United States.

•   **StarTec Series = 1 Year Limited Warranty** (excluding batteries which have a 180 day limited warranty)

•   **ADJ DMX Controllers = 2 Year (730 Days) Limited Warranty**

SAFETY GUIDELINES

For Your Own Personal Safety, Please Read and Understand This Manual Completely Before You Attempt To Install Or Operate This Unit!

This fixture is a sophisticated piece of electronic equipment. To guarantee smooth operation, it is important to follow all instructions and guidelines in this manual. ADJ Products, LLC is not responsible for injury and/or damages resulting from the misuse of this fixture due to the disregard of the information printed in this manual. Only qualified and/or certified personnel should perform installation of this fixture, and only the original rigging parts included with this fixture should be used for installation. Any modifications to the fixture and/or the included mounting hardware will void the original manufacturer's warranty and increase the risk of damage and/or personal injury.
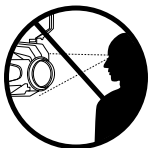
PROTECTION CLASS 1 - FIXTURE MUST BE PROPERLY GROUNDED

THERE ARE NO USER SERVICEABLE PARTS INSIDE THIS UNIT. DO NOT ATTEMPT ANY REPAIRS YOURSELF; DOING SO WILL VOID YOUR MANUFACTURER'S WARRANTY. DAMAGES RESULTING FROM MODIFICATIONS TO THIS FIXTURE AND/OR THE DISREGARD OF SAFETY INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURER'S WARRANTY AND ARE NOT SUBJECT TO ANY WARRANTY CLAIMS AND/OR REPAIRS.

DO NOT PLUG FIXTURE INTO A DIMMER PACK! NEVER OPEN THIS FIXTURE WHILE IN USE! UNPLUG POWER BEFORE SERVICING FIXTURE! MAXIMUM AMBIENT OPERATING TEMPERATURE IS 104°F (40°C)! NEVER TOUCH FIXTURE WITH BARE HANDS DURING OPERATION, AS SURFACE TEMPERATURE DURING OPERATION MAY REACH 167°F (75°C)! KEEP FLAMMABLE MATERIALS AWAY FROM FIXTURE!

NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE! RETINA INJURY RISK - MAY INDUCE BLINDNESS! SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK!
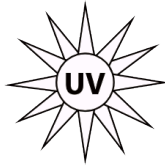
KEEP DRY

DO NOT EXPOSE THIS UNIT TO RAIN AND/OR MOISTURE! THIS FIXTURE IS INTENDED FOR USE IN DRY, INDOOR ENVIRONMENTS ONLY!

SAFETY GUIDELINES

⚠ CAUTION

HIGH INTENSITY ULTRAVIOLET LIGHT

AVOID DIRECT EYE & SKIN EXPOSURE.
WEAR PROPER EYE & SKIN PROTECTION.
SEE MANUAL FOR SAFETY INSTRUCTIONS.

- **RISK GROUP 3 - RISK OF EXPOSURE TO ULTRAVIOLET (UV) RADIATION!**
- **FIXTURE EMITS HIGH INTENSITY WAVELENGTH OF ULTRAVIOLET LIGHT.**
- **WEAR PROPER EYE AND SKIN PROTECTION.**
- **DO NOT OPERATE FIXTURE WITH DAMAGED/MISSING EXTERNAL COVER OR PROTECTIVE LENS.**
- **DO NOT LOOK DIRECTLY INTO THE (UV) LIGHT AND/OR VIEW (UV) LIGHT DIRECTLY WITH OPTICAL INSTRUMENTS THAT MAY CONCENTRATE THE LIGHT/RADIATION OUTPUT.**
- **AVOID PROLONGED PERIODS OF EXPOSURE.**
- **AVOID WEARING WHITE COLOR CLOTHING AND/OR USING (UV) PAINTS ON SKIN.**
- **AVOID DIRECT EYE AND/OR SKIN EXPOSURE AT DISTANCES SHORTER THAN 11 FEET (3.3 METERS).**
- **INDIVIDUALS SUFFERING FROM A RANGE OF EYE CONDITIONS, SUNLIGHT EXPOSURE DISORDERS, OR INDIVIDUALS USING PHOTOSENSITIVE MEDICATION MAY EXPERIENCE DISCOMFORT IF EXPOSED TO THE ULTRAVIOLET (UV) LIGHT EMITTED FROM THIS FIXTURE.**
- Be sure to save the packing carton in the unlikely event the device has to be returned for service.
- Do not spill water or other liquids into or on to the fixture, charging system, or IR remote.
- Be sure that the voltage of the power source matches the required voltage for the device.
- Do not open up the device for any reason. There are no user serviceable parts inside.
- Disconnect the device's main power when left unused for long periods of time.
- Never connect this device to a dimmer pack.
- Do not attempt to operate this device if it has been damaged in any way.
- Never operate this device with the cover removed.
- To reduce the risk of electrical shock or fire, do not expose the charging system, IR remote, or fixture to rain or moisture.
- Do not attempt to operate this device if the power cord has been frayed or broken.
- Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in the event of an internal short.
- Disconnect from main power before making any type of connection.
- Never block the ventilation holes. Always be sure to mount this device in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- The charging system and fixture are intended for indoor use only. Use of these devices outdoors voids all warranties.
- Always mount this unit in a safe and stable matter.
- Please route your power cord out of the way of foot traffic. Power cords should be routed so they are not likely to be walked on, or pinched by items placed upon or against them.

Maximum operating temperature for this fixture is 113 degrees F (45 degrees C). Do not operate this device when ambient temperature exceeds this value!

Keep flammable materials away from this fixture!

OVERVIEW

LEDs

Power On/Off Switch   Power In   Display   Power Out

ON

OFF

POWER IN:
100V-240V
50Hz/60Hz

ADJ® **UV LED BAR20 IR**
www.adj.com

POWER OUT:
100V-240V

POWER

DMX IN

DMX OUT

MODE   UP   DOWN

FUSE:2A 250V

Fuse: 2A/250V   3pin DMX In   Controls   3pin DMX Out
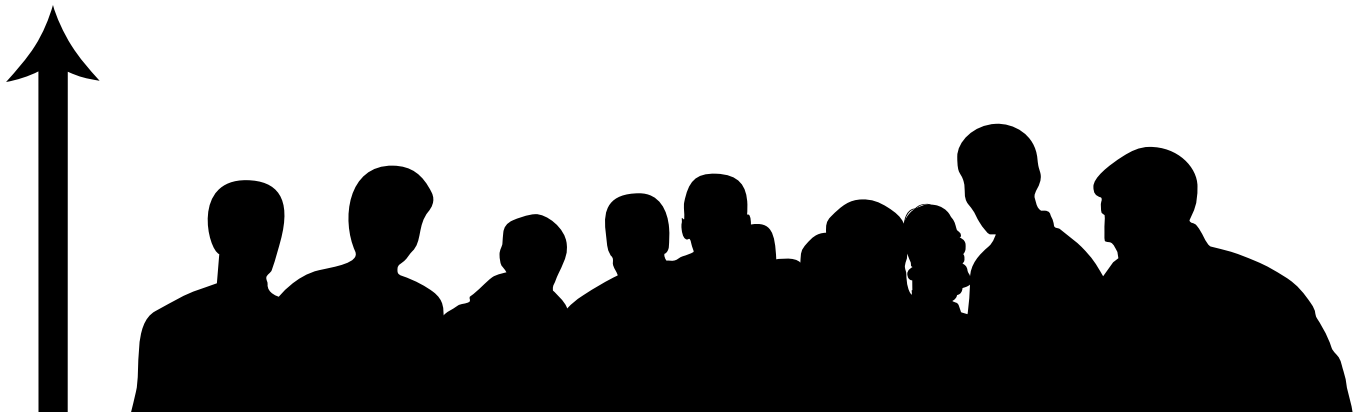
Tilt Adjustment Brackets

WIRELESS SETUP

There are many factors that can affect and/or interrupt a wireless signal, including walls, glass, metal, objects, and people. Therefore, the following guidelines are recommended in order to maximize the chances of having a clear path for the wireless signal to reach the device:

• Install the device a minimum of 9.8 ft (3m) above audiences and/or ground level.
• Arrange the wireless antenna in an upright, vertical position.
• Position devices in direct line of sight of the transmitting controller.

Careful planning and testing of the selected installation location is critical to ensure optimum and reliable wireless operation.

9.8 ft (3m)
Above Ground

UC IR REMOTE CONTROL

NOTE: Unit can only be controlled with the UC IR remote when the unit is set to Primary Mode.

STAND BY - Pressing this button will blackout the fixture. Press the button again to return to the initial state.

FULL ON - Press this button down to fully light up the unit and stay full on.

DIMMER + and "DIMMER - - Use the buttons to adjust the UV color output intensity when UV color mode is active.
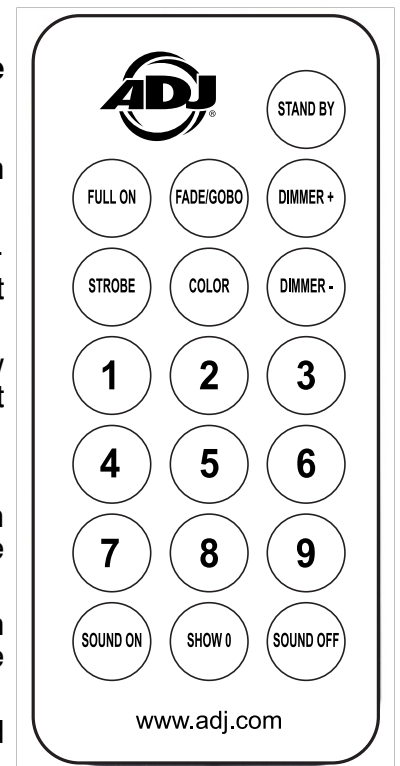
STROBE - Press this button for strobing,then press button 1 to select slow strobe speed,button 2 to select medium strobe speed,button 3 to select fast strobe speed,button 4 to select faster strobe speed.

COLOR - Press this button to activate UV color mode.

1-4 BUTTONS - Use buttons 1-4 to select your desired strobe speed when strobe mode is active.Use buttons 1-3 to select your desired strobe mode when strobe mode is active.

FADE/GOBO - Press this button to activate strobe mode,then press button 1 to select random strobe mode,press button 2 to select pulse strobe mode,press button 3 to select the normal strobe mode.

SOUND ON & OFF - Use the buttons to activate and deactivate sound active strobe mode.

SYSTEM MENU

The display will lock after 30 seconds. Press the MODE button for 3 seconds to unlock.

LED Display On/Off: To make the display stay ON all of the time press the **MODE** until "**ds-X**" is displayed. Press the **UP** button so that "**ds-1**" is displayed. The LED display will stay ON all of the time. To make the display turn OFF after 10 seconds, press the **UP** button so that "**ds-2**" is displayed. When the LED display turns OFF after 10 seconds, press any button for at least 3 seconds to turn the display on again.

DMX Mode:
The UV LED Bar20 IR has 3 DMX modes: 1 Channel Mode, 2 Channel Mode, and 3 Channel Mode.
1. This function will allow you to control individual fixture traits.
2. Use the MODE button to scroll through the DMX Channel modes. The Channel modes are listed below:
- To run the 1 Channel Mode, press the **MODE** button until "**1XXX**" is displayed. "**XXX**" is the current displayed DMX address. Use the **UP** or **DOWN** buttons to find your desired DMX address.
- To run the 2 Channel Mode, press the **MODE** button until "**2XXX**" is displayed. "**XXX**" is the current displayed DMX address. Use the **UP** or **DOWN** buttons to find your desired DMX address.
- To run the 3 Channel Mode, press the **MODE** button until "**3XXX**" is displayed. "**XXX**" is the current displayed DMX address. Use the **UP** or **DOWN** buttons to find your desired DMX address.
3. Once you have found your desired DMX Channel mode and address, plug in the fixture via the XLR connections to any standard DMX controller.

Static Mode:
In this mode, the UV light remains static, and its intensity can be adjusted.
1. Plug the fixture in and press the MODE button until "4XXX" is displayed.
2. Press the UP or DOWN buttons to adjust the intensity of the light.

Strobing:
In this mode, there are 3 different shows to choose from, or a sound active mode. When running one of the seven available programs, the program speed can be adjusted.
1. Plug the fixture in and press the **MODE** button until "**5-XX**" is displayed. "**XX**" represents the current strobe style.
2. Use the **UP** or **DOWN** buttons to select one of the three programs. If you want to run sound active mode, press the **UP** or **DOWN** buttons until "**S-So**" is displayed.
3. To adjust the speed of your selected program, press the **MODE** button once more so that "**SP-X**" is displayed. Use the **UP** or **DOWN** buttons to adjust the speed. 1 is the slowest, 9 is the fastest.

Dimming Curve:
Use this mode to set the dimming curve when used with **DMX** mode. The dimming curves are in the order they appear in the diagram.
1. Plug the fixture in and press the **MODE** button until "**dr-X**" is displayed. This is the dimmer setting. "**X**" represents the current dimming setting.
2. Use the **UP** and **DOWN** buttons to find your desired dimming curve. Press the **MODE** button when you are finished.

PRIMARY-SECONDARY CONFIGURATION

Primary-Secondary Configuration:

This function allows you to link units to run in a Primary-Secondary mode. In Primary-Secondary configuration, one unit will act as the primary controlling unit, and the others will react to the controlling units built-in programs. Any unit can act as a Primary, or as a Secondary however, but only one unit can be programmed to act as the "Primary."
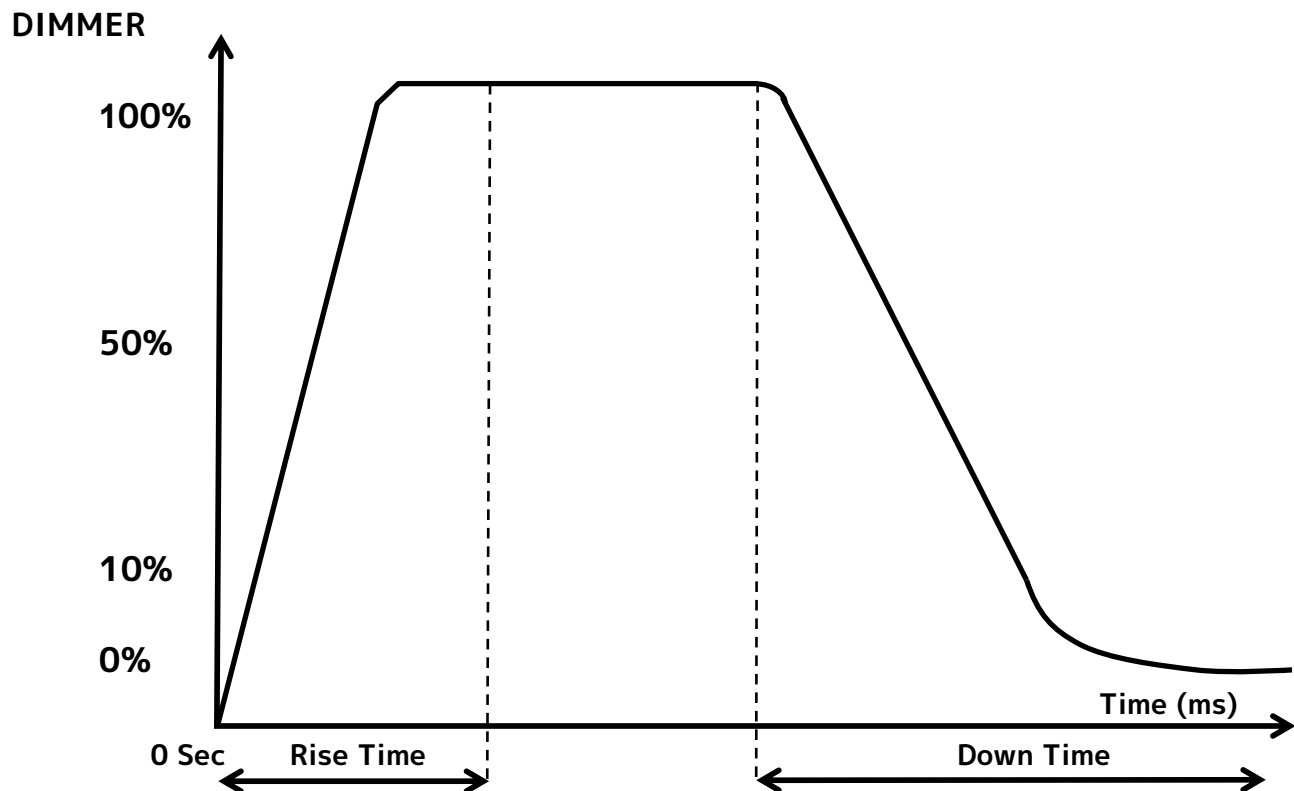
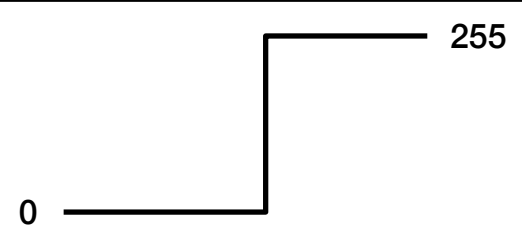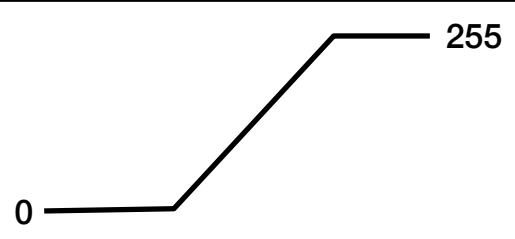**Primary-Secondary Connections and Settings:**

1. Daisy chain your units via the XLR connector on the rear of the unit. Use standard XLR microphone cables to link your units together. Remember that the Male XLR connector is the input and the Female XLR connector is the output. The first unit in the chain (Primary) will use the female XLR connector only. The last unit in the chain will use the male XLR connector only.
2. Using the Primary unit, choose your desired mode or program and connect the "Secondary" unit or units.
3. On the "Secondary" unit(s) press the **MODE** button until a DMX setting is displayed. They will now follow the "Primary" unit.
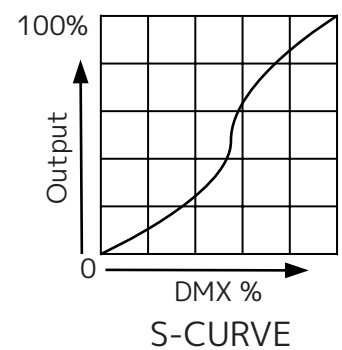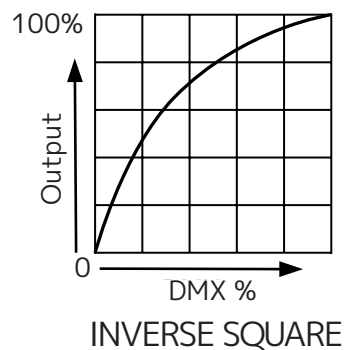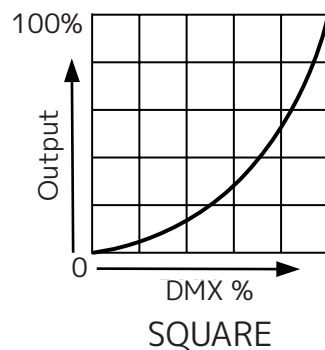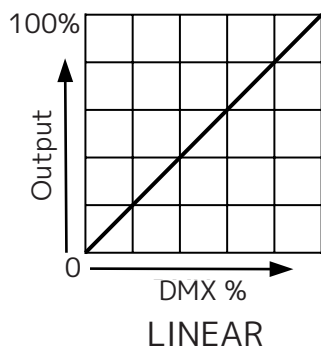
MULTI-LINK SETUP (DAISY CHAIN)

With this feature you can connect a maximum of multiple fixtures using the I.E.C. input and output sockets. A maximum of 10 fixtures at 120V, and a maximum of 20 fixtures at 230V. Additional fixtures will require additional outlets. All fixtures in the daisy chain must be the same. **DO NOT** mix fixtures.

DIMMER CURVES AND DIMMER MODES

DIMMER

100%

50%

10%

0%

Time (ms)

0 Sec   Rise Time   Down Time

Dimming Curve Ramp Effect	0 sec Fade Time		1 sec Fade Time	
	255		255	
	0		0	
	Rise Time (ms)	Down Time (ms)	Rise Time (ms)	Down Time (ms)
Standard (default)	0	0	0	0
Stage	780	1100	1540	1660
TV	1180	1520	1860	1940
Architectural	1380	1730	2040	2120
Theatre	1580	1940	2230	2280
Stage 2	0	1100	0	1660

100%

Output

0   DMX %

LINEAR

100%

Output

0   DMX %

SQUARE

100%

Output

0   DMX %

INVERSE SQUARE

100%

Output

0   DMX %

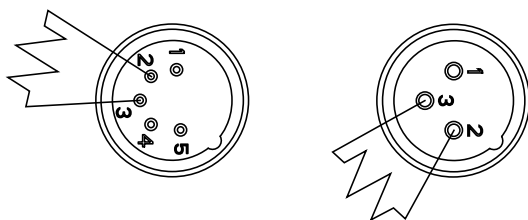S-CURVE

DMX SETUP

Power Supply

Power Supply: The ADJ UV LED Bar20 IR contains a automatic voltage switch, which will auto sense the voltage when it is plugged into the power source. With this switch there is no need to worry about the cor- rect power voltage, this unit can be plugged in anywhere.

DMX-512: DMX is short for Digital Multiplex. This is a universal protocol used as a form of communication between intelligent fixtures and controllers. A DMX controller sends DMX data instructions from the controller to the fixture. DMX data is sent as serial data that travels from fixture to fixture via the DATA "IN" and DATA "OUT" XLR terminals located on all DMX fixtures (most controllers only have a DATA "OUT" terminal).

DMX Linking: DMX is a language allowing all makes and models of different manufacturers to be linked together and operate from a single controller, as long as all fixtures and the controller are DMX compliant. To ensure proper DMX data transmission, try to use the shortest cable path possible when using several DMX fixtures. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example, a fixture assigned a DMX address of 1 may be placed anywhere in a DMX line: at the beginning, at the end, or anywhere in the middle. When a fixture is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.
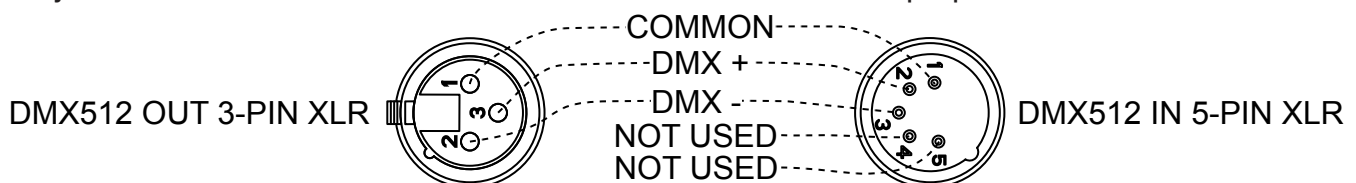
Data Cable (DMX Cable) Requirements (For DMX Operation):The UV LED BAR20 IR can be controlled via DMX-512 protocol, and features multiple DMX channel modes. Your unit and your DMX controller can operate with either a 3-pin or 5-pin XLR connector for data input and data output. If you are making your own cables, be sure to use standard 110-120 Ohm shielded cable (This cable may be purchased at almost all professional lighting stores). Your cables should be made with a male XLR connector at one end and a female XLR connector at the other. Also remember that DMX cable must be daisy chained and cannot be split.

Special Note: Line Termination. When longer runs of cable are used, you may need to use a terminator on the last unit to avoid erratic behavior. A terminator is a 110-120 ohm 1/4 watt resistor which is connected between pins 2 and 3 of a male XLR connector (DATA + and DATA -). This unit is inserted in the female XLR connector of the last unit in your daisy chain to terminate the line. Using a cable terminator (ADJ part number Z-DMX/T) will decrease the chances of erratic behavior.

A DMX512 terminator reduces signal errors, avoiding most signal reflection interference. Connect PIN 2 (DMX-) and PIN 3 (DMX+) of the last fixture in series with a 120 Ohm, 1/4 W Resistor to terminate the DMX512.

5-Pin XLR DMX Connectors. Some manufacturers use 5-pin XLR connectors for DATA transmission in place of 3-pin. 5-pin XLR fixtures may be implemented in a 3-pin XLR DMX line. When inserting standard 5-pin XLR connectors in to a 3-pin line, a cable adaptor must be used. These adaptors are readily available at most electric stores. The chart below details a proper cable conversion:

DMX512 OUT 3-PIN XLR   COMMON / DMX + / DMX - / NOT USED / NOT USED   DMX512 IN 5-PIN XLR

3-Pin XLR to 5-Pin XLR Conversion		
Ground/Shield	Pin 1	Pin 1
Data Compliment (- signal)	Pin 2	Pin 2
Data True (+ signal)	Pin 3	Pin 3
Not Used		Do Not Use
Not Used		Do Not Use

DMX TRAITS

CHANNEL			DMX VALUES	FUNCTION
1 CH	2 CH	3 CH		
1	1	1	0-255	**DIMMER** 0-100%
	2	2		**STROBING**
			0-31	LED OFF
			32-63	LED ON
			64-95	STROBING SLOW - FAST
			96-127	LED ON
			128-159	PULSE STROBE SLOW - FAST
			160-191	LED ON
			192-223	RANDOM STROBE SLOW - FAST
			224-255	SOUND ACTIVE STROBING
		3		**DIMMER CURVES**
			0-20	STANDARD
			21-40	STAGE
			41-60	TV
			61-80	ARCHITECTURAL
			81-100	THEATRE
			101-255	DEFAULT TO UNIT CURRENT SETTING

CLEANING & MAINTENANCE

WARNING! DISCONNECT UNIT FROM POWER BEFORE PERFORMING ANY CLEANING OR MAINTENANCE PROCEDURES!

ALWAYS ALLOW THE FIXTURE TO COOL FOR AT LEAST 15 MINUTES BEFORE PERFORMING ANY CLEANING OR MAINTENANCE!

FUSE REPLACEMENT

Disconnect the unit from its power source. Remove the power cord from the unit. Once the cord has been removed, you will find that the fuse holder is located inside the power socket. Insert a flat-head screw driver into the power socket and gently pry out the fuse holder. Remove the bad fuse and replace with a new one. The fuse holder also has a holder for a spare fuse.

CLEANING

Frequent cleaning is recommended to ensure proper function, optimized light output, and an extended life. The frequency of cleaning depends on the environment in which the fixture operates: damp, smoky, or particularly dirty environments can cause greater accumulation of dirt on the fixture's optics. Clean periodically with a soft cloth to avoid dirt/debris accumulation.

NEVER use alcohol, solvents, or ammonia-based cleaners.

MAINTENANCE

Regular inspections are recommended to ensure proper function and extended life. There are no user serviceable parts inside this fixture. Please refer all other service issues to an authorized ADJ service technician. Should you need any spare parts, please order genuine parts from an authorized ADJ dealer.

Please refer to the following points during routine inspections:
- A detailed electrical check by an approved electrical engineer every three months, to make sure the circuit contacts are in good condition and prevent overheating.
- Be sure all screws and fasteners are securely tightened at all times. Loose screws may fall out during normal operation, resulting in damage or injury as larger parts could fall.
- Check for any deformations on the housing, color lenses, rigging hardware and rigging points (ceiling, suspension, trussing). Deformations in the housing could allow for dust to enter into the fixture. Damaged rigging points or unsecured rigging could cause the fixture to fall and seriously injure a person(s).
- Electric power supply cables must not show any damage, material fatigue or sediments.

SPECIFICATIONS

• Bright, high output Ultraviolet Bar with 20x 1-Watt UV LEDs

• Includes wireless remote control (control On/Off and strobe speed)

• Great for performance stages, theatrical productions and special effects installations

   • requires almost no maintenance

   • long life LED, low heat output, low power consumption & no moving parts

• Long Life LEDs (50,000 hrs.)

• Low power consumption, low heat

• 4 Operational Modes: Sound Active, DMX-512, Primary/Secondary or Manual

• 3 DMX Channel Modes: 1/2/3

• UV strobe effect

• Electronic Dimming: 0 - 100%

• Flicker Free

• Refresh Rate: 1KHz

• Beam angle: 10 degrees vertical x 40 degrees horizontal linear beam angle - great for wall washing

• Linkable via 3-pin XLR cable

• 3-button LED DMX display on rear panel

• Dual bracket system allows fixture to be hung or set on the ground

• Power Draw: 30W

• On/Off switch on rear panel

• Wavelength: 390-410 nanometers

• Multi-voltage Operation: AC 100-240V, 47/63Hz

• Dimensions (LxWxH): 13.25" x 2.5" x 7"/ 334x61x175mm

• Weight: 6 lbs. /2.45 kgs.

DIMENSION DRAWINGS

DRAWINGS NOT TO SCALE

2.75" (70mm)

13.22" (336mm)

15.75" (400mm)

2.75" (70mm)

2.30" (58.56mm)

3.75" (95mm)

6.85" (174mm)

5.11" (130mm)