

# **User Manual**







## **Edition Notes**

The WELL STX 360 User Manual includes a description, safety precautions, installation, programming, operation, and maintenance instructions for the WELL STX 360 as of the release date of this edition.

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## **Document Printing**

For best results, print this document in color, on letter size paper (8.5 x 11 in), double-sided. If using A4 paper (210 x 297 mm), configure the printer to scale the content accordingly.

### **Intended Audience**

Any person installing, operating, and/or maintaining this product should completely read through the guide that shipped with the product, as well as this manual, before installing, operating, or maintaining this product.

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#### **Document Revision**

Go to www.chauvetprofessional.com for the latest version.

Revision	Date	Description			
7	08/2025	Added error code information			



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# 1. Before You Begin

## What Is Included

- (4) WELL STX 360
- TRUE1-style power cord with Edison plug (EU bare end)
- · Charging flight case

- (4) tripod stands
- (4) hanging eye bolts
- (1) IR remote
- · Quick Reference Guide

## **Claims**

Carefully unpack the product immediately and check the container to make sure all the parts are in the package and are in good condition.

If the box or the contents (the product and included accessories) appear damaged from shipping, or show signs of mishandling, notify the carrier immediately, not Chauvet. Failure to report damage to the carrier immediately may invalidate a claim. In addition, keep the box and contents for inspection.

For other issues, such as missing components or parts, damage not related to shipping, or concealed damage, file a claim with Chauvet within 7 days of delivery.

### **Manual Conventions**

Convention	Meaning			
1–512	A range of values			
50/60	A set of values of which only one can be chosen			
<set></set>	A button on the product's control panel			
Settings	s A product function or a menu option			

## **Symbols**

Symbol	Meaning
A	Electrical warning. Not following these instructions may cause electrical damage to the product, accessories, or the user.
	Critical installation, configuration, or operation information. Not following these instructions may make the product not work, cause damage to the product, or cause harm to the operator.
<b>(i)</b>	Important installation or configuration information. The product may not function correctly if this information is not used.
	Useful information.



Any reference to data or power connections in this manual assumes the use of Seetronic IP-rated cables.

The term "DMX" used throughout this manual refers to the USITT DMX512-A digital data transmission protocol.



Connection of the control signal: DMX line

- The product has XLR sockets for DMX input and output.
- Notice: This control circuit is isolated and belongs to the Class 2 data port.

The control circuit has a cumulative leakage current of less than 3.5 mA.



## **Safety Notes**

Read all the following safety notes before working with this product. These notes contain important information about the installation, usage, and maintenance of this product.



This product contains no user-serviceable parts. Any reference to servicing in this User Manual will only apply to properly trained, certified technicians. Do not open the housing or attempt any repairs.



All applicable local codes and regulations apply to proper installation of this product.

- The luminaire is intended for professional use only.
- If the external flexible cable or cord of this luminaire is damaged, it shall be replaced by a special cord or cord exclusively available from the manufacturer or its service agent.
- The light source contained in this luminaire shall only be replaced by the manufacturer or its service agent or a similar qualified person.

#### CAUTION:

- This product's housing may be hot when operating. Mount this product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
- When transferring the product from extreme temperature environments, (e.g., cold truck to warm humid ballroom) condensation may form on the internal electronics of the product. To avoid causing a failure, allow the product to fully acclimate to the surrounding environment before connecting it to power.
- Flashing light is known to trigger epileptic seizures. User must comply with local laws regarding notification of strobe use.

#### ALWAYS:

- Disconnect from power before cleaning the product or replacing the fuse.
- Replace the fuse with the same type and rating.
- Use a safety cable when mounting this product overhead.
- · Connect this product to a grounded and protected circuit.

#### DO NOT:

- Open this product. It contains no user-serviceable parts.
- Look at the light source when the product is on.
- Leave any flammable material within 50 cm of this product while operating or connected to power.
- Connect this product to a dimmer or rheostat.
- Operate this product if the housing, lenses, or cables appear damaged.
- Submerge this product (IP65). Regular outdoor operation is fine.
- Permanently install outdoors in locations with extreme environmental conditions. This includes, but is not limited to:
  - Exposure to a marine/saline environment (within 3 miles of a saltwater body of water).
  - · Locations where normal temperatures exceed the temperature ranges in this manual.
  - Locations that are prone to flooding or being buried in snow.
  - Other areas where the product will be subject to extreme radiation or caustic substances.
- Use for space-heating purposes.
- ONLY use the carry handles or hanging/mounting bracket to carry this product.
- The maximum ambient temperature is 113 °F (45 °C). Do not operate this product at higher temperatures.
- The minimum startup temperature is -4°F (-20°C). Do not start the product at lower temperatures.
- To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.
- In the event of a serious operating problem, stop using immediately.



If a Chauvet product requires service, contact Chauvet Technical Support.



## **Battery Charge Notes**

Rechargeable lithium-ion batteries are potentially hazardous and can present a serious FIRE HAZARD, SERIOUS INJURY, and/or PROPERTY DAMAGE if damaged, defective, or improperly used.

#### ALWAYS:

- Charge using a manufacturer-provided charger while the product is powered off.
- Charge the battery in temperatures between 32°–95°F (0°–35°C).
- Allow a depleted battery to charge for a few minutes before turning on the product. If the battery is completely discharged, the device cannot be turned on immediately when the charger is connected.
- Keep at least 3 ft (1 m) distance to any heat source and away from flammable materials.
- · Keep the lid of any charging case open while charging.
- Keep batteries away from children.
- Store batteries between 40–60% charge.
- Follow local regulations when disposing of batteries.
- Replace with an authentic Chauvet battery.

#### DO NOT:

- Continue charging if the battery becomes hot, smokes, swells, or gives off an odor during charging.
- · Leave the product unattended while charging.
- Deplete the battery below 10%.
- Charge the battery in a closed container.
- Charge for more than 24 hours.

## **Storage Notes**

Follow the instructions below when storing the WELL STX 360:

- Store charged product(s) in a dry environment, away from direct sunlight.
- Charge or discharge the battery to approximately 50% of capacity before storage.
- Lithium-ion batteries continue to slowly discharge (self-discharge) when not in use or while in storage. Routinely check the battery's charge status.
- Store the battery at temperatures between 41 °F and 68 °F (5 °C and 20 °C).



## **FCC Statement of Compliance**

This device complies with Part 15 Part B of the FCC rules. Operation is subject to the following two conditions:

- 1. This device may not cause harmful interference, and
- 2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- · Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## RF Exposure Warning for North America and Australia

**Warning!** This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and the user. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## **Expected LED Lifespan**

Over time, use and heat will gradually reduce LED brightness. Clustered LEDs produce more heat than single LEDs, contributing to shorter lifespans if always used at full intensity. The average LED lifespan is 40,000 to 50,000 hours. To extend LED lifespan, maintain proper ventilation around the product, and limit the overall intensity.

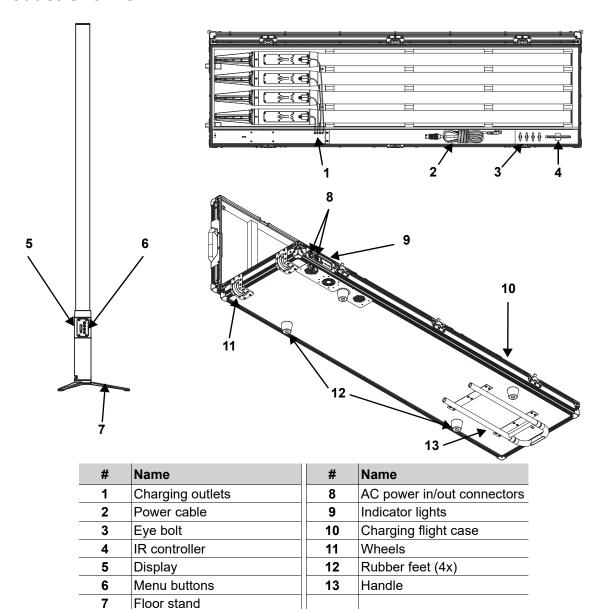


## 2. Introduction

## **Features**

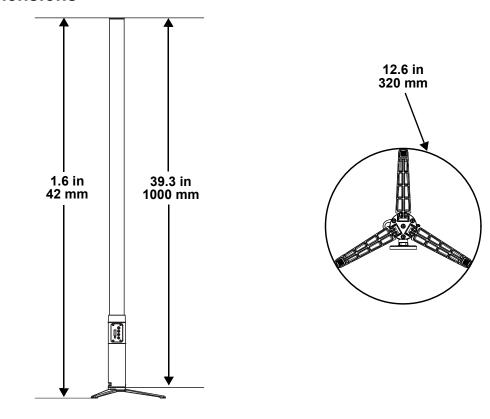
- (4) Pixel-mapping, battery operated, 1.5 meter, IP65-rated LED sticks with 360 degree viewing angle, including (4) mounting stands, (4) hanging eye bolts, (1) IR remote, and (1) charging case
- 16 individual zones of control for pixel mapping effects
- · High CRI LEDs for fantastic skin tone rendering
- · Simple and complex operational modes
- Built-in editable pre-programmed effects that are controllable from the menu and over DMX
- 3-, 5-, 8-, and 12-hour settings for optimizing performance time
- · Included accessories for several mounting options
- · Included charging flight case for easy transportation and charging of fixtures
- Update software over USB-C connection in flight case (upload all 4 fixtures at once)
- Works in both standalone modes and under DMX over WDMX
- Works perfectly with the WELL COM controller and app

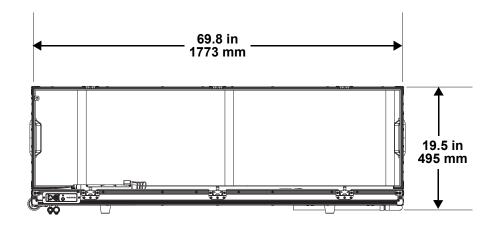
### **Product Overview**





## **Product Dimensions**









## 3. Setup

## **AC Power**

Each WELL STX 360 has an auto-ranging battery charger inside the fixture that works with an input voltage range of 100 to 240 VAC, 50/60 Hz. To determine the power requirements for each WELL STX 360, refer to the label affixed to the product or the <u>Technical Specifications</u> chart in this manual. The listed current rating indicates the maximum current draw during normal operation. For more information, download Sizing Circuit Breakers from the Chauvet website: <a href="https://www.chauvetprofessional.com">www.chauvetprofessional.com</a>.



- Always connect the product to a protected circuit (a circuit breaker or fuse). Make sure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.
- To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.



Never connect the product to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0 to 100% switch.

### **AC Plug**

The WELL STX 360 charging case comes with a power input cord terminated with a Seetronic Powerkon connector on one end and an Edison plug on the other end (U.S. market). Use the table below to wire the new plug.

Connection	Wire (U.S.)	Wire (Europe)	Screw Color
AC Live	Black	Brown	Yellow or Brass
AC Neutral	White	Blue	Silver
AC Ground	Green/Yellow	Green/Yellow	Green

## **Power Linking**

It is possible to power link WELL STX 360 charging cases. See the table below for the current draw at each voltage and frequency:

Single Charger	100 V, 60 Hz	120 V, 60 Hz	208 V, 60 Hz	230 V, 50 Hz	240 V, 60 Hz
<b>Current Draw</b>	0.403 A	0.331 A	0.315 A	0.291 A	0.281 A
<b>Charging Case</b>	100 V, 60 Hz	120 V, 60 Hz	208 V, 60 Hz	230 V, 50 Hz	240 V, 60 Hz
<b>Current Draw</b>	1.612 A	1.324 A	1.260 A	1.188 A	1.124 A

Never exceed 12A on a single circuit. Power-linking cables can be purchased separately.

## **USB Software Update**

The WELL STX 360 allows for software update through USB using the built-in USB port in the charging case. The product's USB port supports up to 32GB capacity and only works with FAT32 file format. To update the software using a USB flash drive, do the following:

- 1. Create a folder on the USB drive named "STX360" and drag the software onto it.
- 2. Power on the WELL STX 360 products that need a software upgrade.
- 3. Place the WELL STX 360 in the charging flight case and connect them to the charging ports. Connect the power cable to the charging case.
- 4. Plug in the USB to the USB port and check the upgrade indicator light.
  - A flashing upgrade indicator light means the software is upgrading.
  - A steady, always on upgrade indicator light means the software update is finished.



The product's USB port supports up to 32GB capacity and only works with FAT32 file format.

## **DMX Linking**

The WELL STX 360 can be linked to a DMX controller using a wireless DMX connection. If using other DMX-compatible products with this product, each can be controlled individually with a single DMX controller.

#### **DMX Personalities**

The WELL STX 360 uses a wireless DMX data connection for the **4Ch**, **15Ch**, **64Ch**, **67Ch**, **and 73Ch** DMX personalities.

Refer to the <u>Operation</u> chapter to learn how to configure the WELL STX 360 to work in these personalities.



The <u>DMX Values</u> section provides detailed information regarding the control personalities.



For more information about DMX standards, Master/Slave connectivity, or the DMX cables needed to link this product to a DMX controller, download the DMX Primer from the Chauvet website: <a href="https://www.chauvetprofessional.com">www.chauvetprofessional.com</a>.

### Wireless Operation

In optimal conditions, the WELL STX 360 can operate up to 300 m (900 ft) away from the W-DMX TRX transmitter. The W-DMX receiver in the WELL STX 360 must be paired with the W-DMX TRX transmitter for wireless operation.



Once a W-DMX receiver has been linked to a specific W-DMX TRX transmitter, it will remain linked to that specific transmitter until it is linked to a different one.

#### Initial Setup

- 1. Turn the W-DMX TRX transmitter on.
- 2. Connect the W-DMX TRX transmitter to a DMX controller.
- 3. Place the WELL STX 360 within 300 m from the W-DMX TRX transmitter.
- 4. Turn the WELL STX 360 on.

#### Configuration

- 1. From the WELL STX 360 control panel, go to DMX Address.
- 2. Select the start address, as with any other DMX compatible product.
- 3. Go to Wireless Setting > Operating Mode.
- 4. Select Receive.
- 5. Go to Wireless Setting > W-DMX On/Off.
- 6. Select **On**. (The Signal Strength Indicator will show a **?** in front of the bars).
- 7. Press the reset button on the W-DMX transmitter. (The Signal Strength Indicator on the WELL STX 360 will show a 4 in front of the bars for 3 seconds while a connection is established.).

#### **Product Pairing**

If the WELL STX 360 has already been paired with the W-DMX TRX transmitter, the Signal Strength Indicator in the middle of the LCD screen will show the strength of the signal. In this case, the WELL STX 360 is ready to work in wireless mode.

To pair the WELL STX 360 and a new W-DMX transmitter, follow the instructions below:

- 1. From the WELL STX 360 control panel, go to Wireless Setting > Receive Reset.
- 2. Select Yes. The Signal Strength Indicator on the WELL STX 360 will show a ? in front of the bars.
- 3. From the W-DMX transmitter, press **<RESET>** (the Signal Indicator on the transmitter will flash).
- 4. Once the transmitter has found the WELL STX 360, the Signal indicator on the W-DMX transmitter will illuminate solid.
- 5. The Signal Strength Indicator in the middle of the LCD screen on the WELL STX 360 will show the strength of the signal.



W-DMX operation can be interrupted or inhibited by liquid masses between the transmitter and receiver. For best results, keep the area between the transmitter and receiver clear of any liquid mass.

## **Master/Slave Connectivity**

The Master/Slave mode allows an WELL STX 360 (the master) to control one or more WELL STX 360 products (the slaves) without a DMX controller. One WELL STX 360 becomes the master when running an auto program, or by being in Static mode.

Each slave's control panel must be configured to operate in Slave mode. During Master/Slave operation, the slaves will operate in unison with the master.



DO NOT connect a DMX controller to products operating in Master/Slave mode. The DMX controller signals may interfere with the signals from the master.



 The <u>Master/Slave Mode</u> section of this manual provides detailed instructions on how to configure the master and slaves.

For more information about DMX standards, or the DMX cables needed to link this product to a DMX controller, download the DMX Primer from the Chauvet website: <a href="https://www.chauvetprofessional.com">www.chauvetprofessional.com</a>.



## Mounting

Before mounting the product, read and follow the safety recommendations indicated in the <u>Safety Notes</u>. For the Chauvet Professional line of mounting clamps, go to <a href="http://trusst.com/products/">http://trusst.com/products/</a>.

#### Orientation

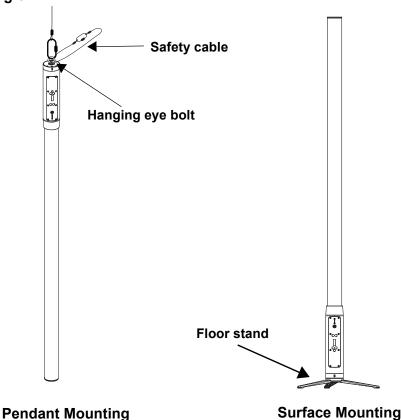
Always mount this product in a safe position, making sure there is adequate room for ventilation, configuration, and maintenance.

### Rigging

Chauvet recommends using the following general guidelines when mounting this product.

- Before deciding on a location for the product, make sure there is easy access to the product for maintenance and programming purposes.
- Make sure that the structure or surface can support the weight when mounting the product (see the <u>Technical Specifications</u>).
- When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, whether an elevated platform or a truss.
- When rigging the product onto a truss, use a mounting clamp of appropriate weight capacity.
- When power linking multiple products, mount the products close enough for power-linking cables to reach.

#### **Mounting Diagram**



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## 4. Operation

## **Control Panel Operation**

Button	Function
<menu></menu>	Exits from the current menu or function
<enter></enter>	Enables the currently displayed menu or sets the currently selected value in to the current function
	Navigates upward through the menu list or increases the numeric value when in a function
<down></down>	Navigates downward through the menu list or decreases the numeric value when in a function

## **Programming**

Refer to the Menu Map to understand the menu options. The menu map shows the main level and a variable number of programming levels for each option.

- To go to the desired main level, press **<MENU>** repeatedly until the option shows on the display. Press **<ENTER>** to select. This will show the first programming level for that option.
- To select an option or value within the current programming level, press <UP> or <DOWN> until
  the option shows on the display. Press <ENTER> to select. This will show either the first option if
  there is another programming level, or the selected value.
- Press <MENU> repeatedly to exit to the previous main level.

## **Control Panel Lock**

The setting locks or unlocks the control panel.

- 1. Go to the **Kev Lock** main level.
- 2. Select **On** (locks control panel) or **Off** (control panel stays unlocked).



When the control panel lock is activated, the product will prompt for the passcode to access the menu. To enter the passcode, press: <UP>, <DOWN>, <UP>, <DOWN>, <UP>, <DOWN>, <WENTER>.

## **DMX Configuration**

Use DMX configurations to operate the product with a DMX controller.

#### **DMX Personalities**

This setting allows the user to choose a particular DMX personality.

- 1. Go to the **DMX Personality** main level.
- Select the desired personality (4Ch, 15Ch, 64Ch, 67Ch, or 73Ch).



- See the <u>Starting Address</u> section for the highest starting address suggested for each personality.
- Make sure that the starting addresses on the various products do not overlap due to the new personality setting.

### Starting Address

In this mode, each product will respond to a unique starting address from the DMX controller. All products with the same starting address will respond in unison.

- 1. Go to the **DMX Address** main level.
- 2. Set the starting address (001–512).

The highest recommended starting address for each DMX mode is as follows:

DMX Personality	DMX Address
4Ch	509
15Ch	498
64Ch	449
67Ch	446
73Ch	440



# Menu Map

Refer to the WELL STX 360 product page on <u>www.chauvetprofessional.com</u> for the latest software and menu map.

Main Level	Programming Levels		ls	Description
DMX Address	001–512			Selects DMX address (highest channel restricted to personality chosen)
	4Ch			4-channel: RGBW
	15Ch			15-channel: RGBW, color temperature, strobe, auto programs, auto speed, foreground color dimmer, foreground color, background color dimme background color, dimmer speed, auto delay
DMX		64Ch		64-channel: RGBW 1–16
Channel		67Ch		67-channel: RGBW 1–16, strobe, dimmer, dimmer speed
	73Ch			73-channel: RGBW 1–16, strobe, auto programs, auto speed, foreground color dimme foreground color, background color dimmer, background color, dimmer speed
		R		
	Manual Color	G	000–255	Manually adjusts RGBW color settings
	manaar solor	B W	000 200	indinadily dejuste (CEEV) solor solurings
		2800K		
		2900K	-	
		3000K		Selects preset color temperature
		3100K		
		3200K		
		3300K		
		3400K	-	
		3500K		
		3600K		
		3700K		
	-	3800K 3900K		
		4000K	_	
		4100K	_	
		4200K	-	
Static		4300K	-	
	0-1	4400K	<b>D</b> :	
	Color Temperature	4500K	Dimmer 0–255	
	Temperature	4600K	0-233	
		4700K		
		4800K		
		4900K		
		5000K	-	
		5100K	-	
		5200K		
		5300K 5400K	-	
		5500K	-	
	-	5600K		
		5700K	-	
		6000K	+	
		6500K	-	
		7000K		
		7500K	1	
	8000K		1	



Main Level	Prog	ramming Leve	Is	Description
		R		Red
		G		Green
		В		Blue
		W		White
		GB		Green + blue
		RB		Red + blue
Static		RG	Dimmer	Red + green
(cont.)	Fixed color	RGB	0–255	Red + green + blue
(00111.)		RW		Red + white
		GW		Green + white
		BW		Blue + white
		RGW		Red + green + white
		RBW		Red + blue + white
		GBW		Green + blue + white
		RGBW		Red + green + blue + white
			R	Red
			G	Green
			В	Blue
			W	White
			GB	Green + blue
			RB	Red + blue
			RG	Red + green
			RGB	Red + green + blue
		Farrance d	RW	Red + white
		Foreground	GW BW	Green + white
			RGW	Blue + white Red + green + white
			RBW	Red + blue + white
			GBW	Green + blue + white
			RGBW	Red + green + blue + white
	Auto 1–28		2800K	2800K white
			7000K	7000K white
			Auto	Auto colors
			Off	No foreground color
Auto Show			R	Red
			G	Green
			В	Blue
			W	White
			GB	Green + blue
			RB	Red + blue
			RG	Red + green
			RGB	Red + green + blue
			RW	Red + white
		Background	GW	Green + white
			BW	Blue + white
			RGW	Red + green + white
			RBW	Red + blue + white
			GBW	Green + blue + white
			RGBW	Red + green + blue + white
			2800K	2800K white
			7000K	7000K white
			Auto	Auto colors
			Off	No background color
		Speed	1–100	Adjusts speed of auto programs



Main Level	Programming Levels		ls	Description
	W-DMX On/Off		On	Turns wireless DMX mode on/off
			Off	Turns wireless DIVIX mode on/on
	Receive		No	Resets the internal receiver
Wireless	(Only in Rec		Yes	Tresers the internal receiver
Setting	Lin		Link	Links or unlinks to a W-DMX receiver
	(Only in Tran	smit mode)	Unlink	D : W DW
	Operating Mode Receive			Receives W-DMX Transmits W-DMX
	-	Off	Transmit	Turns off white balance
		R		Turns on write balance
White		G	_	Adjusts the red, green, blue, and white LED
Balance	Manual	B	125–255	maximum values manually
		W	-	,
ID Oatting		On		T info d d f IDO C
IR Setting		Off		Turns on infrared mode for IRC-6 remote use
		3 hours		
Run Time	5 hours			Shows product run time
ixuii iiiile	8 hours			
	12 hours			
Dimmer	Off			Dimmer off
Mode	Dimmer 1–3			Dimming curves <b>Dimmer 1</b> (fast) to <b>Dimmer 3</b> (slow)
	108			Turns off display backlight after 10 seconds of inactivity
Back Light	308			Turns off display backlight after 30 seconds of inactivity
<b>3</b>	2min			Turns off display backlight after 2 minutes of inactivity
	Always On			Display backlight always on
		On		Locks/unlocks the display
Key lock	Off			(Password is: <up>, <down>, <up>, <down>, <enter>)</enter></down></up></down></up>
	Fixture Hours	H		Shows total hours the product has been powered on
Information	LED Hours	sH		Shows total LED hours
	Version	V	_	Shows current firmware version
	UID			Shows product UID
Factory Reset	No Yes			Resets the product to factory default settings



## **DMX Values**

## 73Ch / 67Ch / 64Ch

64Ch	67Ch	73Ch	Function	Value	Percent/Setting
			Red 1	000 <b>⇔</b> 255	0–100%
1 2	1	1			
	2	2 3	Green 1 Blue 1	000 ⇔ 255 000 ⇔ 255	0–100% 0–100%
<b>3 4</b>	3	4	White 1	000 <code-block></code-block>	0–100%
5	5	5	Red 2	000 <code-block></code-block>	0–100%
6	6	6	Green 2	000 <code-block></code-block>	0–100%
7	7	7	Blue 2	000 <code-block></code-block>	0–100%
8	8	8	White 2	000 <code-block></code-block>	0–100%
9	9	9	Red 3	000 <code-block></code-block>	0–100%
10	10	10	Green 3	000 <code-block></code-block>	0–100%
11	11	11	Blue 3	000 <code-block></code-block>	0–100%
12	12	12	White 3	000 <code-block></code-block>	0–100%
13	13	13	Red 4	000 <code-block></code-block>	0–100%
14	14	14	Green 4	000 <code-block></code-block>	0–100%
15	15	15	Blue 4	000 <code-block></code-block>	0–100%
16	16	16	White 4	000 🖨 255	0–100%
17	17	17	Red 5	000 🖨 255	0–100%
18	18	18	Green 5	000 🖨 255	0–100%
19	19	19	Blue 5	000 🖨 255	0–100%
20	20	20	White 5	000 <code-block></code-block>	0–100%
21	21	21	Red 6	000 🖨 255	0–100%
22	22	22	Green 6	000 🖨 255	0–100%
23	23	23	Blue 6	000 🖨 255	0–100%
24	24	24	White 6	000 🖨 255	0–100%
25	25	25	Red 7	000 🖨 255	0–100%
26	26	26	Green 7	000 🖨 255	0–100%
27	27	27	Blue 7	000 🖨 255	0–100%
28	28	28	White 7	000 🖨 255	0–100%
29	29	29	Red 8	000 🖨 255	0–100%
30	30	30	Green 8	000 🖨 255	0–100%
31	31	31	Blue 8	000 ⇔ 255	0–100%
32	32	32	White 8	000 ⇔ 255	0–100%
33	33	33	Red 9	000 ⇔ 255	0–100%
34	34	34	Green 9	000 ⇔ 255	0–100%
35	35	35	Blue 9	000 ⇔ 255	0–100%
36	36	36	White 9	000 ⇔ 255	0–100%
37	37	37	Red 10	000 ⇔ 255	0–100%
38	38	38	Green 10	000 ⇔ 255	0–100%
39	39	39	Blue 10	000 ⇔ 255	0–100%
40	40	40	White 10	000 ⇔ 255	0–100%
41	41	41	Red 11	000 ⇔ 255	0–100%
42	42	42	Green 11	000 ⇔ 255	0–100%
43	43	43	Blue 11	000 ⇔ 255	0–100%
44	44	44	White 11	000 ⇔ 255	0–100%
45	45	45	Red 12	000 ⇔ 255	0–100%
46	46	46	Green 12	000 ⇔ 255	0–100%
47	47	47	Blue 12	000 ⇔ 255	0–100%
48	48	48	White 12	000 ⇔ 255	0–100%
49	49	49	Red 13	000 ⇔ 255	0–100%
50	50	50	Green 13	000 ⇔ 255	0–100%
51	51	51	Blue 13	000 ⇔ 255	0–100%
52	52	52	White 13	000 ⇔ 255	0–100%
53	53	53	Red 14	000 ⇔ 255	0–100%



S4    S4    S4    Green 14	64Ch	67Ch	73Ch	Function	Value	Percent/Setting
55   55   55   55   8   14   000 ⇔ 255   0-100%     56   56   56   White 14   000 ⇔ 255   0-100%     57   57   57   57   757   864 15   000 ⇔ 255   0-100%     58   58   58   58   Green 15   000 ⇔ 255   0-100%     60   60   60   White 15   000 ⇔ 255   0-100%     61   61   61   Red 16   000 ⇔ 255   0-100%     62   62   62   Green 16   000 ⇔ 255   0-100%     63   63   63   81   81   16   000 ⇔ 255   0-100%     64   64   64   White 16   000 ⇔ 255   0-100%     65   65   Strobe   000 ⇔ 010   Off     7   65   65   Strobe   000 ⇔ 010   Off     8   7   7   8   8   8     9   9   9   9   9   9     9   9   9	54					
56						
57   57   57   Red 15   000 ⇔ 255   0-100%						0–100%
S9   59   59   Blue 15   000 ⇔ 255   0-100%		57				
60 60 60 White 15 000 ⇔ 255 0-100% 61 61 61 61 Red 16 000 ⇔ 255 0-100% 62 62 62 Green 16 000 ⇔ 255 0-100% 63 63 63 Blue 16 000 ⇔ 255 0-100% 64 64 64 White 16 000 ⇔ 255 0-100%  - 65 65 Strobe   Strobe   Other 10 000 ⇔ 010 0ff  Other 255 0-100%  O	58	58	58	Green 15	000 <code-block> 255</code-block>	0–100%
61 61 61 Red 16 000 ⇔ 255 0−100% 662 62 62 Green 16 000 ⇔ 255 0−100% 663 63 63 Blue 16 000 ⇔ 255 0−100% 664 64 White 16 000 ⇔ 255 0−100% 664 64 White 16 000 ⇔ 255 0−100% 665 0−100% 666 000 ⇔ 255 0−100% 666 000 ⇔ 255 0−100% 666 000 ⇔ 255 0−100% 666 000 ⇔ 255 0−100% 666 000 ⇔ 255 0−100% 666 000 ⇔ 255 0−100% 666 000 ⇔ 255 0−100% 666 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 670 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 667 000 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 255 0−100% 600 ⇔ 200 ⇔ 200 ⇔ 200 ⇔ 200 ⇔ 20	59	59	59	Blue 15	000 ⇔ 255	0–100%
62 62 62 Green 16 000 ⇔ 255 0-100% 64 64 64 White 16 000 ⇔ 255 0-100%  - 65 65 Strobe  Strobe  65 65 Strobe  66 65 Strobe  66 65 Strobe  67 011 ⇔ 255 Strobe, slow to fast  68 010 ⇔ 010 No function  69 010 ⇔ 010 No function  69 010 ⇔ 026 Auto program 1  60 027 ⇔ 034 Auto program 2  60 027 ⇔ 034 Auto program 3  60 059 ⇔ 066 Outo program 6  60 059 ⇔ 066 Auto program 7  60 074 Auto program 8  60 075 ⇔ 074 Auto program 10  60 091 ⇔ 098 Auto program 10  60 091 ⇔ 098 Auto program 11  60 091 ⇔ 098 Auto program 12  61 107 ⇔ 114 Auto program 13  61 115 ⇔ 122 Auto program 15  61 123 ⇔ 130 Auto program 15  62 131 ⇔ 138 Auto program 16  63 090 Auto program 17  64 147 ⇔ 154 Auto program 18  65 090 Auto program 19  66 150 Auto program 19  67 097 Auto program 19  68 170 Auto program 19  69 091 ⇔ 098 Auto program 19  69 091 ⇔ 098 Auto program 19  60 Auto program 10  61 Auto program 10  62 Auto program 10  63 ⇔ 170  64 Auto program 20  65 Auto program 20  66 Auto program 21  67 Outo Program 20  68 Auto program 20  69 Outo Program 20  60 Auto program 20  60 Auto program 21  60 Auto program 22  60 Auto program 26  60 Auto program 26  60 Auto program 27  60 Auto program 27  60 Auto program 28  60 Auto program 28  60 Auto program 29  60 Auto program 20  60 Auto progr						
63 63 63 Blue 16 000 ⇔ 255 0-100% 64 64 64 White 16 000 ⇔ 255 0-100%  - 65 65 Strobe  Strobe  65 Strobe  66 65 Strobe  66 65 Strobe  67 011 ⇔ 255 Strobe, slow to fast  000 ⇔ 010 No function 011 ⇔ 018 Auto program 1 019 ⇔ 026 Auto program 3 035 ⇔ 042 Auto program 4 043 ⇔ 050 051 ⇔ 058 Auto program 6 059 ⇔ 066 Auto program 7 067 ⇔ 074 Auto program 8 075 ⇔ 082 Auto program 10 091 ⇔ 098 Auto program 10 091 ⇔ 098 Auto program 11 099 ⇔ 106 Auto program 12 107 ⇔ 114 Auto program 13 115 ⇔ 122 Auto program 15 131 ⇔ 138 Auto program 15 131 ⇔ 138 Auto program 16 139 ⇔ 146 Auto program 18 155 ⇔ 162 Auto program 19 163 ⇔ 170 Auto program 20 171 ⇔ 178 Auto program 21 179 ⇔ 186 Auto program 22 187 ⇔ 194 Auto program 25 211 ⇔ 218 Auto program 27						
Color						
- 65 65 Strobe    000 ⇔ 010						
Company   Com	64	64	64	White 16		
1011 ⇔ 255   Strobe, slow to fast	_	65	65	Strobe		
66 Auto programs  - 1 - 66 Auto program 10  - 2 - 2 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3						
- 66 Auto programs  - 166 Auto program 10  - 170 ⇔ 114  - 180 Auto program 14  - 181 Auto program 16  - 181 Auto program 17  - 181 Auto program 18  - 182 Auto program 19  - 183 ⇔ 146  - 184 Auto program 19  - 185 ⇔ 102  - 187 ⇔ 194  - 188 Auto program 20  - 187 ⇔ 194  - 188 Auto program 21  - 203 ⇔ 210  - 203 ⇔ 210  - 204 Auto program 25  - 205 Auto program 26  - 207 Auto program 27  - 208 Auto program 27  - 208 Auto program 28  - 209 Auto program 26  - 209 Auto program 27  - 209 Auto program 28  - 209 Auto program 27  - 209 Auto program 28  - 209 Auto program 29  - 200 Auto program 29  - 200 Auto progr						
Auto program 3						
- 66 Auto programs  - 66 Auto program 4  - 66 Auto program 5  - 66 Auto program 7  - 66 Auto program 8  - 66 Auto program 8  - 66 Auto program 9  - 66 Auto program 10  - 66 Auto program 10  - 66 Auto program 11  - 66 Auto program 12  - 66 Auto program 13  - 66 Auto program 14  - 66 Auto program 15  - 66 Auto program 16  - 66 Auto program 17  - 66 Auto program 18  - 66 Auto program 19  - 66 Auto program 15  - 67 Auto program 16  - 68 Auto program 17  - 69 Auto program 18  - 70 Auto program 19  - 70 Auto program 19  - 71 Auto program 20  - 72 Auto program 20  - 73 Auto program 21  - 74 Auto program 23  - 75 Auto program 24  - 76 Auto program 25  - 77 Auto program 26  - 78 Auto program 27  - 78 Auto program 28  - 78 Auto program 30  - 78 Auto program 4  - 78 Auto program 4  - 78 Auto program 4						
- 66 Auto programs  - 166 Auto program 10 - 170 ⇔ 114 Auto program 10 - 170 ⇔ 114 Auto program 12 - 170 ⇔ 114 Auto program 13 - 180 ⇔ 122 Auto program 14 - 180 ⇔ 130 Auto program 15 - 181 ⇔ 138 Auto program 16 - 181 ⇔ 138 Auto program 17 - 181 ⇔ 140 Auto program 18 - 185 ⇔ 162 Auto program 19 - 180 ⊕ 180 Auto program 20 - 187 ⇔ 194 Auto program 21 - 180 Auto program 23 - 195 ⇔ 202 Auto program 24 - 203 ⇔ 210 Auto program 25 - 211 ⇔ 218 Auto program 27 - 28 Auto program 27 - 28 Auto program 27 - 28 Auto program 28 - 28 Auto program 27						
- 66 Auto programs  - 66 Auto programs  - 66 Auto programs  - 66 Auto program 6  - 66 Auto program 7  - 66 Auto program 8  - 7						
- 66 Auto programs  - 66 Auto program 10 - 67 Auto program 12 - 67 Auto program 13 - 68 Auto program 14 - 69 Auto program 15 - 70 Auto program 17 - 70 Auto program 20 - 71 Auto program 21 - 72 Auto program 23 - 73 Auto program 24 - 74 Auto program 25 - 74 Auto program 27 - 75 Au						
- 66 Auto programs  - 66 Auto program 10 Auto program 12 Auto program 14 Auto program 15 Auto program 16 Auto program 16 Auto program 17 Auto program 18 Auto program 18 Auto program 19 Auto program 20 Auto program 20 Auto program 21 Auto program 22 Auto program 23 Auto program 24 Auto program 24 Auto program 25 Auto program 26 Auto program 27 Auto program 28 Auto program 28 Auto program 28 Auto program 28 Auto program 29 Auto pro						
- 66 Auto programs  - 66 Auto program 10 Auto program 12 Auto program 13 Auto program 14 Auto program 15 Auto program 15 Auto program 16 Auto program 16 Auto program 17 Auto program 18 Auto program 18 Auto program 19 Auto program 20 Auto program 21 Auto program 21 Auto program 22 Auto program 23 Auto program 24 Auto program 25 Auto program 26 Auto program 27 Auto program 28 Auto program 27 Auto program 27 Auto program 27 Auto program 27 Auto program 28 Auto program 29 Auto						
- 66 Auto programs  - 66 Auto program 10 Auto program 12 Auto program 13 Auto program 14 Auto program 15 Auto program 16 Auto program 16 Auto program 17 Auto program 18 Auto program 19 Auto program 20 Auto program 21 Auto program 21 Auto program 22 Auto program 23 Auto program 24 Auto program 24 Auto program 25 Auto program 26 Auto program 27 Auto program 28 Auto program 27 Auto program 28 Auto program 28 Auto program 27 Auto program 27 Auto program 28 Auto program 28 Auto program 28 Auto program 27 Auto program 28 Auto program 27 Auto program 28 Auto						
- 66 Auto programs  - 7						
- 66 Auto programs  - 66 Auto program 12 - 203 ⇔ 130 - 210 - 210 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 220 - 22						
- 66 Auto programs  107 ⇔ 114 Auto program 13 115 ⇔ 122 123 ⇔ 130 Auto program 15 131 ⇔ 138 Auto program 16 139 ⇔ 146 Auto program 17 147 ⇔ 154 Auto program 18 155 ⇔ 162 Auto program 19 163 ⇔ 170 Auto program 19 163 ⇔ 170 Auto program 20 171 ⇔ 178 Auto program 20 171 ⇔ 178 Auto program 21 179 ⇔ 186 Auto program 22 187 ⇔ 194 Auto program 23 195 ⇔ 202 Auto program 24 203 ⇔ 210 Auto program 25 211 ⇔ 218 Auto program 26 Auto program 27 Auto program 27 Auto program 27 Auto program 27						
- 66 Auto programs  115 ⇔ 122						
123 ⇔ 130						
131 ⇔ 138	_	_	66	Auto programs		
139 ⇔ 146						
147 ⇔ 154						
155 ⇔ 162						
163 ⇔ 170						
171 ⇔ 178 179 ⇔ 186 187 ⇔ 194 195 ⇔ 202 187 ⇔ 202 195 ⇔ 202 203 ⇔ 210 211 ⇔ 218 219 ⇔ 226 Auto program 21 Auto program 22 Auto program 23 Auto program 24 Auto program 25 Auto program 26 Auto program 27 Auto program 27						
179 ⇔ 186						
187 ⇔ 194						
195 ⇔ 202 Auto program 24 203 ⇔ 210 Auto program 25 211 ⇔ 218 Auto program 26 219 ⇔ 226 Auto program 27 Auto program 27						
203 ⇔ 210 Auto program 25 211 ⇔ 218 Auto program 26 219 ⇔ 226 Auto program 27						
211 ⇔ 218 Auto program 26 219 ⇔ 226 Auto program 27						
219 ⇔ 226 Auto program 27						
Auto program 20						
					227 <code-block> 255</code-block>	(cycles through auto programs 1–27)
- 67 Auto speed 000 ⇔ 255 0-100%		_	67	Auto speed	000 ⇔ 255	
Foreground color						
-   -   68   Foreground color   000 ⇔ 255   0–100%	-	-	δō	dimmer	000 ₩ 255	U— 10070



64Ch	67Ch	73Ch	Function	Value	Percent/Setting
				000 🗇 013	Red
				014 ⇔ 027	Green
				028 👄 041	Blue
				042 ⇔ 055	White
				056 ⇔ 069	Green + blue
				070 👄 083	Red + blue
				084 👄 097	Red + green
				098 🗢 111	Red + green + blue
_	_	69	Foreground color	112 😂 125	Red + white
_	_	09	i oreground color	126 ⇔ 139	Green + white
				140 ⇔ 153	Blue + white
				154 ⇔ 167	Red + green + white
				168 ⇔ 181	Red + blue + white
				182 ⇔ 195	Green + blue + white
				196 ⇔ 209	Red + green + blue + white
				210 <code-block> 223</code-block>	2800K
				224 <code-block></code-block>	7000K
				238 ⇔ 255	Auto
-	_	70	Background color dimmer	000 ⇔ 255	0–100%
				000 🗢 013	Red
				014 👄 027	Green
				028 👄 041	Blue
				042 ⇔ 055	White
				056 ⇔ 069	Green + blue
				070 👄 083	Red + blue
				084 ⇔ 097	Red + green
			Background color	098 <code-block></code-block>	Red + green + blue
_	_	71		112 <code-block> 125</code-block>	Red + white
		· ·	Background color	126 ⇔ 139	Green + white
				140 ⇔ 153	Blue + white
				154 ⇔ 167	Red + green + white
				168 😂 181	Red + blue + white
				182 😂 195	Green + blue + white
				196 ⇔ 209	Red + green + blue + white
				210 <code-block></code-block>	2800K
				224 <code-block></code-block>	7000K
	CC.	70	Dimmor	238 😂 255	Auto
	66	72	Dimmer	000 🜣 051	0–100%
				000 ⇔ 051 052 ⇔ 101	Preset dimmer speed from display menu
	67	73	Dimmor speed	102 ⇔ 152	Dimmer speed mode off
_	67	13	Dimmer speed	102 ⇔ 152 153 ⇔ 203	Dimmer speed mode 1 (fastest) Dimmer speed mode 2
				153 ⇔ 203 204 ⇔ 255	Dimmer speed mode 2 Dimmer speed mode 3 (slowest)
	1			204 ₩ 200	Diffiller speed filode 3 (Slowest)



# 15Ch / 4Ch

4CH	15CH	Function	Value	Percent/Setting
_	1	Dimmer	000 ⇔ 255	0–100%
1	2	Red	000 ⇔ 255	0–100%
2	3	Green	000 ⇔ 255	0–100%
3	4	Blue	000 ⇔ 255	0–100%
4	5	White	000 ⇔ 255	0–100%
			000 ⇔ 005	No function
			006 ⇔ 012	2800K
			013 🗢 019	2900K
			020 ⇔ 026	3000K
			027 ⇔ 033	3100K
			034 ⇔ 040	3200K
			041  047	3300K
			048 🗢 054	3400K
			055 ⇔ 061	3500K
			062 ⇔ 068	3600K
			069 ⇔ 075	3700K
			076 ⇔ 082	3800K
			083 ⇔ 089	3900K
	6		090 ⇔ 096	4000K
			097 ⇔ 103	4100K
			104 😂 110	4200K
			111 😂 117	4300K
_		Color temperature	118 🖨 124	4400K
		•	125 🖨 131	4500K
			132 😂 138	4600K
-	7	Strobe		
_	7	Strobe	139 ⇔ 145 146 ⇔ 152 153 ⇔ 159 160 ⇔ 166 167 ⇔ 173 174 ⇔ 180 181 ⇔ 187 188 ⇔ 194 195 ⇔ 201 202 ⇔ 208 209 ⇔ 215 216 ⇔ 222 223 ⇔ 229 230 ⇔ 236 237 ⇔ 243 244 ⇔ 255 000 ⇔ 010 011 ⇔ 255	4700K 4800K 4900K 5000K 5100K 5200K 5300K 5400K 5500K 5600K 5700K 6000K 6500K 7000K 7500K No function Strobe, slow to fast



4CH	15CH	Function	Value	Percent/Setting
			000 ⇔ 010	No function
			011 🗢 018	Program 1
			019 ⇔ 026	Program 2
			027 🗢 034	Program 3
			035 ⇔ 042	Program 4
			043 🗢 050	Program 5
			051 ⇔ 058	Program 6
			059 ⇔ 066	Program 7
			067 ⇔ 074	Program 8
			075 ⇔ 082	Program 9
			083 ⇔ 090	Program 10
			091 ⇔ 098	Program 11
			099 ⇔ 106	Program 12
			107 ⇔ 114	Program 13
			115 ⇔ 122	Program 14
-	8	Auto programs	123 ⇔ 130	Program 15
			131 ⇔ 138	Program 16
			139 ⇔ 146	Program 17
			147 ⇔ 154	Program 18
			155 ⇔ 162	Program 19
			163 🖨 170	Program 20
			171 ⇔ 178	Program 21
			179 ⇔ 186	Program 22
			187 ⇔ 194	Program 23
			195 ⇔ 202	Program 24
			203 🖨 210	Program 25
			211 <code-block></code-block>	Program 26
			219 <code-block></code-block>	Program 27
				Program 28
			227 ⇔ 255	(cycles through programs 1–27)
_	9	Auto speed	000 ⇔ 255	Auto programs speed, slow to fast
_	10	Foreground color dimmer	000 ⇔ 255	0–100%
			000 👄 013	Red
			014 ⇔ 027	Green
			028 👄 041	Blue
			042 ⇔ 055	White
			056 ⇔ 069	Green + blue
			070 ⇔ 083	Red + blue
			084 ⇔ 097	Red + green
			098 ⇔ 111	Red + green + blue
_	11	Foreground color	112 ⇔ 125	Red + white
-	11	Foreground color	126 ⇔ 139	Green + white
			140 ⇔ 153	Blue + white
			154 ⇔ 167	Red + green + white
			168 ⇔ 181	Red + blue + white
			182 ⇔ 195	Green + blue + white
			196 ⇔ 209	Red + green + blue + white
			210 <code-block> 223</code-block>	2800K
			224 <code-block> 237</code-block>	7000K
			238 ⇔ 255	Auto
	12	Background color dimmer	000 ⇔ 255	0–100%





4CH	15CH	Function	Value	Percent/Setting
			000  013	Red
			014 \Leftrightarrow 027	Green
			028 👄 041	Blue
			042 👄 055	White
			056 ⇔ 069	Green + blue
			070 <code-block> 083</code-block>	Red + blue
			084 ⇔ 097	Red + green
			098 <code-block> 111</code-block>	Red + green + blue
_	13	Background color	112 ⇔ 125	Red + white
_	13		126 ⇔ 139	Green + white
			140 ⇔ 153	Blue + white
			154 ⇔ 167	Red + green + white
			168 ⇔ 181	Red + blue + white
			182 ⇔ 195	Green + blue + white
			196 ⇔ 209	Red + green + blue + white
			210 <code-block> 223</code-block>	2800K
			224 <code-block> 237</code-block>	7000K
			238 ⇔ 255	Auto
			000 ⇔ 051	Preset dimmer speed from display menu
	4.4	Dimension and an end a	052 ⇔ 101	Dimmer speed mode off
_	14	Dimmer speed mode	102 ⇔ 152	Dimmer speed mode 1 (fastest)
			153 ⇔ 203	Dimmer speed mode 2
			204 ⇔ 255	Dimmer speed mode 3 (slowest)
_	15	Auto delay	000 ⇔ 255	0–100%



## **Standalone Configuration**

Use standalone configuration to operate the product without a DMX controller.

#### Static Mode

#### **Manual Color Mixer**

To do color mixing without a DMX controller, follow the instructions below:

- 1. Go to the **Static** main level.
- Select Manual Color.
- 3. Select which **RGBW** color to adjust.
- 4. Set color value from 000-255.

#### **Color Temperature**

To select a preset color temperature, do the following:

- 1. Go to the Static main level.
- 2. Select Color Temperature.
- 3. Select the desired color temperature, from 2800K to 8000K.
- 4. Set the dimmer value, from **0** to **255**.

#### Fixed Color

To select a single or combination RGBW color, follow the instructions below:

- 1. Go to the **Static** main level.
- 2. Select Fixed Color.
- 3. Select a single RGBW color or an RGBW color combination.
- 4. Set the dimmer value, from 0 to 255.

### **Auto Programs**

To select which auto program to display, do the following:

- 1. Go to the Auto Show main level.
- 2. Select the desired auto program, from Auto 1-28.
- 3. Select between **Foreground** (sets what foreground color to display) and **Background** (sets what background color to display).
- 4. Select among **RGBW** color or color combinations, **2800K**, **7000K**, **Auto** (automatic colors), or **Off** (no foreground or background color).



The auto programs cannot be edited.

#### **Auto Program Speed**

To adjust the speed of the auto programs, follow the instructions below:

- 1. Go to the Auto Show main level.
- 2. Select the desired auto program, from Auto 1-28.
- 3. Select Speed.
- 4. Select the speed of auto programs, from 1 (slowest) to 100 (fastest).

#### White Balance

To set the maximum values of a given LED color to create a white light output, do the following:

- 1. Go to the **White Balance** main level.
- 2. Select **Off** (to use factory default white setting) or **Manual** (to customize the white balance).
  - a. Select the desired color (RGBW).
  - b. Set the desired value for the selected color (125-255).
  - c. Repeat steps a-b until the static color is set as desired.

#### **Run Time**

To lessen the product output to maximize the product run time, follow the instructions below:

- 1. Go to the Run Time main level.
- 2. Select the desired product run time (3, 5, 8, and 12 hours).

### Back Light

To select the amount of time the back light on the WELL STX 360's display stays on after the last button is pressed on the control panel. do the following:

- 1. Go to the **RBack Light** main level.
- 2. Select Always On (remains On), 10S (10 seconds), 30S (30 seconds), or 2min (2 minutes).



### **Dimmer Profiles**

This setting provides four different options to simulate the dimming curve of an incandescent lighting product. To set how fast the output of the WELL STX 360 changes when the output value is modified, do the following:

- 1. Go to the **Dimmer Mode** main level.
- 2. Select a dimmer curve (Off, Dimmer 1, Dimmer 2, or Dimmer 3).



Off: The output is proportional (linear) to the dimmer channel value.

**Dimmer 1–3**: The output follows the dimmer value based on the corresponding dimmer curve, DIM1 being the fastest.

### System Information

To display the total number of hours the product has run, the total LED hours, the installed software version, and the product's UID, follow the instructions below:

- 1. Go to the **Information** main level.
- 2. Select Fixture Hours, LED Hours, Version, or UID.

#### **Factory Reset**

To restore the WELL STX 360 to factory default settings, do the following:

- 1. Go to the Factory Reset main level.
- 2. Select **No** (do not reset) or **Yes** (reset to factory default settings).

#### Master/Slave Mode

The Master/Slave mode allows a group of WELL STX 360 products (the slaves) to simultaneously duplicate the output of another WELL STX 360 (the master) without a DMX controller. To set each of the slaves:

- Go to Wireless Setting > W-DMX On/Off.
- 2. Select On.
- 3. Go to Wireless Setting > Operating Mode.
- 4. Select Receive.
- 5. Go to Wireless Setting > Receive Reset.
- Select Yes.

To set the master:

- 1. Go to Wireless Setting > W-DMX On/Off.
- 2. Select On.
- 3. Go to Wireless Setting > Operating Mode.
- 4. Select Transmit.
- 5. Go to Wireless Setting > Link.
- 6. Select **Link** to link to the slave products.
- 7. Select a standalone setting, or control with the IR remote.



- The master is the one that runs a program whether in Auto, Static, or IR mode.
   Do not connect a DMX controller to the products configured for Master/Slave
- operation. The DMX controller may interfere with signals from the master.
   Do not connect a WDMX transmitter to the products configured for Master/Slave operation. The WDMX transmitter may interfere with signals from the master.



## **Infrared Remote Control**

Infrared (IR) mode allows the product to be controlled with an infrared remote control. The IR remote can remotely set the product to various modes; adjust the color, speed, and sensitivity; and set the strobe. The WELL STX 360 is compatible with the IR remote from Chauvet.



It may be necessary to turn the product off and on again when switching from W-DMX to IRC and vice versa.

### **IR Remote Operation**

Ensure that the IR remote is pointing directly at the product, and there is nothing in between the remote and the product.



#### **Automatic Mode**

Automatic mode will enable the automatic programs on the product.

To turn on Automatic mode:

- 1. Press **<AUTO>** on the IR remote.
- 2. Press <+> or <-> to choose between the 28 auto programs.

To adjust the speed of the automatic program:

- 1. Press **<SPEED>** on the IR remote.
- 2. Press <+> or <-> to increase or decrease the speed.

#### **Manual Color Control**

To choose a specific color with the IR remote, press any number between <0> and <9>. To manually control the RGBW percentage:

- 1. Press <MANUAL> on the IR remote.
- 2. Press <R>, <G>, <B>, or <W> (red, green, blue, or white) to choose a color.
- 3. Press <+> or <-> to increase or decrease the value of the selected color.

### **Miscellaneous Operation**

To black out the lights:

 Press <BLACKOUT> on the IR remote. This will turn off all the lights until the button is pressed again.

To adjust the output level:

- 1. Press <%> on the IR remote.
- 2. Press <+> or <-> to increase or decrease the output level.

Note: The IR remote will not respond to any inputs when the Black Out mode is activated. If the remote does not respond when a button is pressed, try pressing <BLACK OUT>. Black Out mode might have been inadvertently activated.

#### **Error Codes**

See the table below for error codes and recommended solutions:

Error Code Possible Reason		Potential Solution	
Tomporature shows	The thermistor is not welded properly	Repair or replace the thermistor PCB	
Temperature shows -40°C	The temperature control wire is disconnected or has a poor connection	Check the wire connection	
Temperature shows	The thermistor is not welded properly	Repair or replace the thermistor PCB	
125°C	The temperature control connector has a short circuit	Check the wire connector	



## 5. Technical Information

## **Product Maintenance**

To maintain optimum performance and minimize wear, clean this product frequently. Usage and environment are contributing factors in determining the cleaning frequency.

Clean this product at least twice a month. Dust build-up reduces light output performance and can cause overheating. This can lead to reduced light source life and increased mechanical wear.

To clean the product:

- 1. Unplug the product from power.
- 2. Wait until the product is at room temperature.
- Use a vacuum (or dry compressed air) and a soft brush to remove dust collected on the external vents.
- 4. Clean all surfaces with a mild soap solution, ammonia-free glass cleaner, or isopropyl alcohol.
- 5. Apply the solution directly to a soft, lint free cotton cloth or a lens cleaning tissue.
- 6. Softly drag any dirt or grime to the outside of the transparent surface.
- 7. Gently polish the transparent surfaces until they are free of haze and lint.



Always dry the transparent surfaces carefully after cleaning them.



# 6. Technical Specifications

## **Dimensions and Weight**

	Length	Width	Height	Weight
WELL STX 360	59.09 in (1501 mm)	2.75 in (70 mm)	2.75 in (70 mm)	9 lb (4.1 kg)
Charging case	69.8 in (1773 mm)	19.5 in (495 mm)	6.4 in (163 mm)	85 lb (38.6 kg)

Note: Dimensions in inches rounded to the nearest decimal digit.

#### Power

Power Supply Type	Range			Voltage Selection		
Switching (internal)	100 to 240 '	VAC, 50/60 H	Z	Auto-rangi	ng	
Parameter	100 V, 60 Hz	120 V, 60 Hz	208 V, 60 Hz	230 V, 50 Hz	240 V, 50 Hz	
Consumption (single unit charging)	41 W	40 W	66 W	67 W	67 W	
Consumption (charging case)	164 W	160 W	264 W	268 W	268 W	
Operating current (single unit charging)	0.403 A	0.331 A	0.315 A	0.291 A	0.281 A	
Operating current (charging case)	1.612 A	1.324 A	1.260 A	1.188 A	1.124 A	
Power-linking products (charging cases)	7 products	9 products	9 products	10 products	10 products	

Power I/O	U.S./Worldwide	UK/Europe
Power input connector	Seetronic Powerkon IP65	Seetronic Powerkon IP65
Power output connector	Seetronic Powerkon IP65	Seetronic Powerkon IP65
Power cord plug	Edison (U.S.)	Local plug

#### **Battery**

	- )			
В	Sattery Type	Battery Charge	Battery Life	Battery Power
	Lithium ion	4 hours	3-, 5-, 8-, or 12-hour settings	18.5 V, 10.05 Ah

### **Light Source**

J			
Туре	Color	Quantity	Lifespan
SMD 5050 LED	RGB Warm white	256 256	50,000 hours

### **Photometrics**

Parameter	Total Value	Parameter	Total Value
Beam angle	360°	Color temperature (range)	2800K to 8000K
Field angle	360°	Color temperature (full)	9670K
Illuminance (total)	5 lux @ 5m (3 hour runtime)		

#### **Thermal**

## **Maximum External Temperature**

113 °F (45 °C)

#### **DMX**

I/O Connector	Channel Range
WDMX	4, 15, 64, 67, or 73 channels

## **Ordering**

Product Name	Item Name	Item Code	UPC Number
WELL STX 360	WELLSTX360X4	03031784	781462221324





# **Contact Us**

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# Warranty & Returns

For warranty terms and conditions and return information, please visit our website.

For customers in the United States and Mexico: <a href="www.chauvetlighting.com/warranty-registration">www.chauvetlighting.com/warranty-registration</a>.

For customers in the United Kingdom, Republic of Ireland, Belgium, the Netherlands, Luxembourg, France, and Germany: <a href="www.chauvetlighting.eu/warranty-registration">www.chauvetlighting.eu/warranty-registration</a>.