KYBERLIGHT
VERSION 10

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Welcome to the Kyberlight Galaxy!

Welcome to Kyberlight, home of the greatest customizable saber in the the Galaxy. We are excited you have purcahsed a Kyberlight Customizable Saber and joined Kyberlight Nation. This is just the start, with dozens of accessories and endless possibilities, you can begin today and never stop creating the perfect saber.

Don't get stuck with one design. You can find custom pommels, sleeves and emitters at https://kyberlight.com. Change your look anytime, anywhere, for any occasion.

Our sabers are built to last. Don't be afraid to have fun! Duel, clash and have a blast!

Warranty

Kyberlight offers a full one (1) year limited warranty on electronics from the date of receipt.

This warranty covers defects found in workmanship and original components only, and does not extend to modified products of any kind. Kyberlight will evaluate each case individually to determine weather the issue is covered under this warranty and we will repair or replace prodcut at it's sole descresion after that evaluation.

The warranty does not apply to software for electronics; modifying software or firmware may alter the operation of your saber. Issues caused by software changes (such as product becoming unresponsive, lag, sound issues, blown speakers from increased volume beyond safe levels) are not covered by this warranty, but will not void your warranty against other manufacturing defects.

Kyber-Pixel blades are rated for medium to light combat and come with a one year warranty on electronics.

RGB Blades are covered by our lifetime blade warranty.

For any warranty claims please email us at:

customer_service@kyberlight.com

- Please use caution when disassembling and assembling the saber. Kyberlight is not responsible for damage caused by over tightening screws or not tightening enough.
- When removing and inserting an SD card use caution. You should not have to force the door or card.
- The long set screws that are used to secure the chassis to the hilt do NOT need to be tight. They should be put in all the way so that sleeves will fit over them but do not turn until they are tight as you risk breaking the chassis.
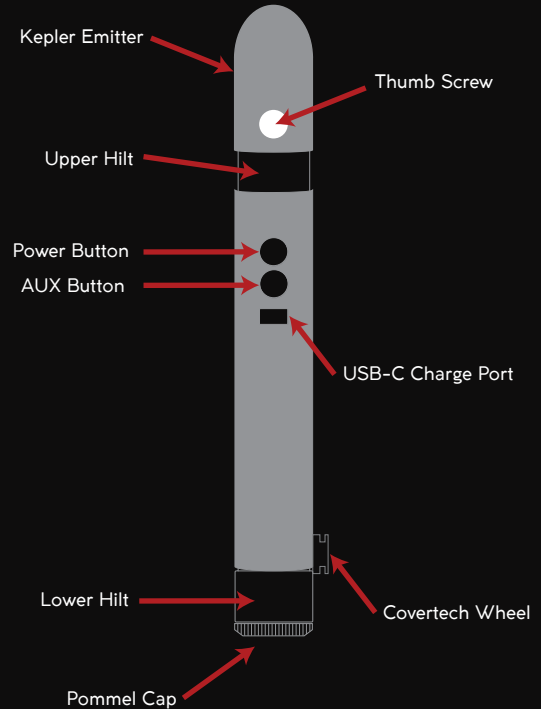
Full information available at Kyberlight.com/warranty

V10 RGB Parts List

- 2 Piece Aluminum Hilt
- Electronic Chassis (pre installed in the hilt)
- Battery (pre installed in Chassis)
- Thumb Screw
- Covertech Wheel
- USB to USB-C Charging Cable
- Kepler Emitter
- Adaptation Sleeve
- Pommel Cap
- Screw Kit
- Hex Key
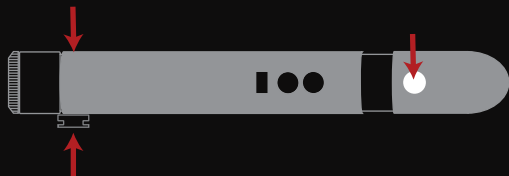- 3mm Polycarbonate Blade

V10 Kyber-Pixel Parts List

- 2 Piece Aluminum Hilt
- Electronic Chassis (pre installed in the hilt)
- 16gb SD Card (pre installed on board)
- Battery (pre installed in Chassis)
- Thumb Screw
- Covertech Wheel
- USB to USB-C Charging Cable
- Kepler Emitter
- Adaptation Sleeve
- Pommel Cap
- Screw Kit
- Hex Key
- Pixel Blade with 240+ LEDs
- 3mm Polycarbonate Blade
- RGB <--> Pixel converter (select packs)

Kepler Emitter

Thumb Screw

Upper Hilt

Power Button

AUX Button

USB-C Charge Port

Lower Hilt

Covertech Wheel

Pommel Cap

Disasembly Instructions

1. Remove the thumb screw, the screw securing the covertech wheel, and sleeve screw. Carefully slide off the Emitter and Sleeve pieces.

2. You can access the battery and micro SD card by unscrewing the two hilt peices. The bottom hilt will unscrew and slide off carefully.

3. Carefully remove the micro SD card by sliding the small metal gate towards the buttons, it should pop up releasing the micro SD card.

4. If you need to remove the whole chassis, you can unscrew the two long set screws behind the buttons. Carefully push the buttons into the chassis. Pull out the chassis from the upper hilt.

IMPORTANT: When inserting the two set screws into the hilt be very careful not to over tighten. They do NOT need to be tightened snug. Simply insert them far enough to be able to put a sleeve on and that the buttons are aligned. Over tightening these screws can break the chassis and short out electronics. This is NOT covered in your warranty.

5. Reassemble in reverse order.

V10 RGB Operation

Saber Modes:

Off - Hold AUX while in standby
Standby - Hold Power for 2 LED flashes (1 s)
On - Tap Power while in Standby or motion.

When saber is On:

Function	Control	Notes
Blaster Deflection	Tap AUX	-
Lock Up	Hold AUX and Clash Saber	-
Twist Color Change	Hold Power and Twist Saber (counterclockwise then clockwise)	Twist Saber slowly. Press Power to set.
Solid Color Change	Hold AUX and Twist Saber (counterclockwise then clockwise)	Saber will change solid colors. Press Power to set.
Infinate Color Change	Hold AUX and Twist Saber (Clockwise then counterclockwise)	
Power Off	Hold Power 2 LED Flashes (1 s)	Saber will slowly change colors. Press AUX to set.

When saber is in Standby:

Function	Control	Notes
Ignite Saber	Tap Power	-
Change to next Sound Font	Tap AUX	You will hear new sound font name
Change to previous Sound Font	Hold AUX for 4 LED Flashes (2 s)	You will hear new sound font name
Change Blade Effect	Point Saber Down Twist Saber (counterclockwise then clockwise)	Change Effect, See Saber Effects List
Flash on Clash	Hold AUX for 3 LED Flashes (1.5 s)	Saber will announce change
Check Battery Level	Hold AUX for 2 LED Flashes (1 s)	Battery level % Announced
Volume Control	Hold AUX for 1 LED Flash (0.5 s)	Volume changes 100%, 75%, 50% 25%, mute.
Turn Saber Off	Hold AUX for 10 s	You will hear 'Power Off'

V10 Kyber-Pixel Operation

Saber Status:

Off - Hold AUX while in standby
Standby - Hold Power for 2 LED flashes (1 s)
On - Tap Power while in Standby or motion.

When saber is On:

Function	Control	Notes
Blaster Deflection	Tap AUX	-
Lock Up	Hold AUX and Clash Saber	-
Twist Color Change	Hold Power and Twist Saber (counterclockwise then clockwise)	Twist Saber slowly. Press Power to set.
Solid Color Change	Hold AUX and Twist Saber (counterclockwise then clockwise)	Saber will change solid colors. Press AUX to set.
Infinate Color Change	Hold AUX and Twist Saber (Clockwise then counterclockwise)	Saber will slowly change colors. Press AUX to set.
Power Off	Hold Power 2 LED Flashes (1 s), or Twist Saber	Saber will slowly change colors. Press AUX to set.

When saber is On Continued:

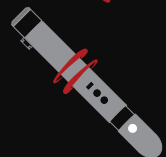| Function	Control	Notes
Drag	Hold Power Clash the Saber	-
Force	Angle Blade Up Hold Power & Twist Saber	~45 Degree Angle
Stab	Stab the saber, Move forwrd	-
Melt	Hold AUX button & Stab saber Twist to color change.	Saber will change solid colors. Press AUX to set.
Multi Lock Mode	Hold AUX for 1 LED Flash (0.5 s)	To exit repeat
Multi Block Mode	Hold AUX for 2 LED Flashes (1 s)	To exit repeat

◦ Saber Effects - Standard, Velocity, Torch, Blaster, Ghost, Broken Ignition, Stack Ignition, Photon Ignition, Warp Ignition, Phaser Ignition, Scavenger Ignition, Hunter Ignition
◦ Blade Effects - Steady, Pulse, Rainbow, Candy, Unstable, Cracked, Fire, and Galaxy

When saber is in Standby:

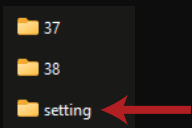| Function	Control	Notes
Ignite Saber	Tap Power, Twist Saber, or Swing Saber Down	-
Change to next Sound Font	Tap AUX	You will hear new sound font name
Change to previous Sound Font	Hold AUX for 4 LED Flashes (2 s)	You will hear new sound font name
Change Blade Effect	Point Saber Down Twist Saber (counterclockwise then clockwise)	Change Effect, See Saber Effects List
Flash on Clash	Hold AUX for 3 LED Flashes (1.5 s)	Saber will announce change.
Check Battery Level	Hold AUX for 2 LED Flashes (1 s)	Battery level % Announced
Volume Control	Hold AUX for 1 LED Flash (0.5 s)	Volume changes 100%, 75%, 50% 25%, mute.
Change Saber Effect	Hold Power and tap AUX	Saber will announce new Effect
RGB <--> Pixel	Hold AUX for 13 s	You will hear 'Power Off', then confirmation of change
Turn Saber Off	Hold AUX for 10 s	You will hear 'Power Off'

V10 Motion Operation

1. Your saber can turn on while in standby by twisting your saber. Turn off by twisting again.

2. Turn on your saber by swinging down.

3. Change Blade Effect while in standby by holding your saber down and twisting counterclockwise then clockwise.

4. Stab saber forward to activate Stab, hold AUX while stabbing to Melt.

5. Activate Force by holding the saber up hold Power and rotate saber.

◦ If you are having trouble with the twist motion, we suggest practicing. Place the emitter section of your saber loosely in the palm of your hand, then use your other hand to twist the pommel section of your saber. This will give you an idea of just how the twist works. With practice you can do it with one hand.

Firmware Updates

1. Download the 'update.bin' file from
   https://kyberlight.com/updates

2. Remove the micro SD card from your saber, please make sure to turn off saber and remove battery first.

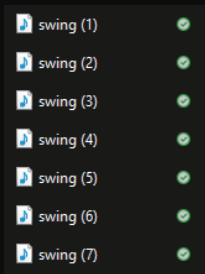3. Insert the micro SD card into your PC or Mac and look for the 'setting' folder.

4. Drop the 'update.bin' in the 'setting' folder. Once copied safely eject the micro SD card and install it back into the chassis.

5. Install the battery, but do not turn on the hilt. Wait for the sound confirmation 'Beginning Update' indicating the update has begun. When finished you will hear 'Update Complete'

6. You may now use your saber as normal.

Sound Font Updates

- If your saber came with a micro SD card you can add custom sound fonts.

- Converting sound fonts to work with your saber is not a difficult process but it can take some time and must be done manually.

- Your saber is designed to work with the same file structure as a XenoPixel saber. The font folders must be numbered and font files must be formated with the name (#) format.

- Any sound font file will work if the names of the files are changed and numbered correctly. This includes Proffie, CFX and Xenopixel.

- You can see the naming structrue by looking at an existing font folder and naming your new font files in the same manner.

Example file names:

Troubleshooting tips:

1. Saber will not turn on after charging
Remove the battery and reinsert to make sure it is making good contact and inserted correctly.

2. Saber has no swing, hum or sounds
First, please verify the saber is not in "Mute" mode by following the instructions above. If you still do not have sound please verify the saber is fully charged as low battery can cause the volume to decrease or turn off. Lastly, ensure that the files are setup on the micro SD card and it is inserted properly.

3. Saber turns on but blade will not light
First, check to make sure that your saber is not in "Ghost Mode" or "Velocity Mode" These modes require motion for the blade to ignite. Second, verify your saber is fully charged. Lastly, if you have a Kyber-Pixel saber please verify the blade is making full contact with the pins in the emitter.

4. RGB <--> Pixel Not working
The RGB <--> Pixel converter needs to be seated completely. Make sure it is inserted in the correct orientation. Use the RGB blade to press on the converter and then secure the blade with a set screw. Lastly check to make sure the saber is in "RGB" mode.

Safety Notice

- We suggest fully charging your saber before operating. Use only the included cable with a 5V 1A USB or 5V wall charger.

- Children should be supervised while using the saber. We are not responsible for injuries or damage caused while swinging or dueling with the saber.

- Please use proper saftey gear when dueling including gloves, armor, helmets and eye protection.

- Always act respectful, be responsible and safe.

- Most of all have fun!