

Safety notes

To ensure your safety and that of others, please ensure you read the following safety advice before using this product. Please pay attention to the precautions highlighted in the manual. The product should be checked prior to use and not used if damaged.



Do not place flammable materials near the constant video light



Do not use in the rain, a humid environment, or other adverse weather conditions.



Please use a blower brush or clean cloth to remove dust and moisture.



Keep the working environment clear of cables. Keep this product out of reach of children and pets.



Do not expose the product to direct sunlight for long periods of time. The product should not be stored in direct sunlight.



Please turn off and remove the power supply before maintenance, and installing or removing accessories.



Do not cover the ventilation holes at any time.



Do not use chemicals or liquids to clean the lamp. Do not immerse any part of the device in liquid.



Do not attempt to disassemble or repair the device.



The constant video light will heat up during use. Do not touch hot components with your hands.

Overview

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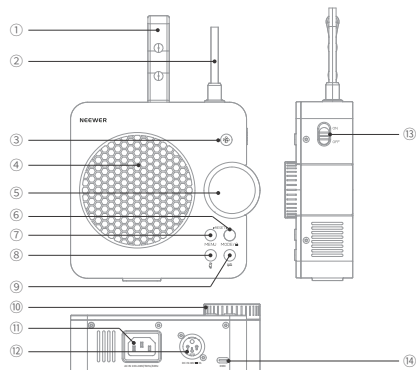
The newly launched NEEWER HS200C is a portable full-color LED video light, featuring an upgraded full RGB light source that ensures powerful light output and an ultra-lightweight build for effortless transport to wherever you need a creative lighting setup.

Whether indoors or outdoors, the HS200C delivers stable, high-quality illumination to satisfy all your lighting needs, with multiple lighting modes for versatile shooting and flexible control options for streamlined and multifunctional operation.

Compatible with all Bowens mount accessories, this light works seamlessly with your existing light shapers. It supports AC power for indoor use and a wide 42-48V DC input for outdoor use, ensuring long-lasting and stable illumination wherever you are.

The HS200C is an ideal choice for photography and videography lighting, infusing every creation with unlimited possibilities.

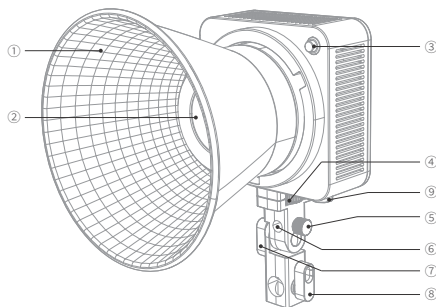
Product Illustration



- ① Leather Loop
- ② Power Cord
- ③ Short Press: Adjusts Operating Mode
- ④ Fan
- ⑤ Display
- ⑥ Short Press: Mode Switch
Long Press: Button Lock
- ⑦ Short Press: Menu Selection
- ⑧ Short Press: Temperature Check
- ⑨ Short Press: Parameter Selection
- ⑩ Rotate: Parameter Adjustment
- ⑪ AC Input
- ⑫ DC Input
- ⑬ Power Switch
- ⑭ DMX Interface

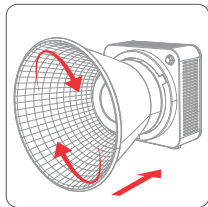
Product Illustration

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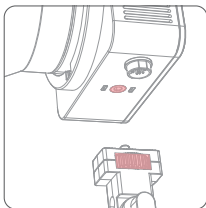


- ① Reflector
- ② Light Mixing Chamber
- ③ Reflector Release Button
- ④ Handle Locking Knob
- ⑤ Umbrella Handle locking Knob
- ⑥ Umbrella Handle Hole
- ⑦ Angle Adjustment Knob
- ⑧ Stand Locking Knob
- ⑨ Power Cable Port

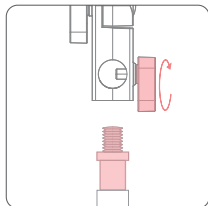
Installation Instructions



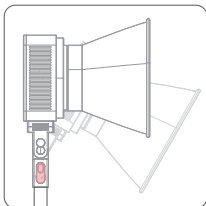
- ① Align the three metal tabs of the reflector with the three gaps on the front of the studio light, push the reflector inwards, and rotate it clockwise until it is securely locked.



- ② Attach the support mount to the studio light and secure it by rotating the knob.



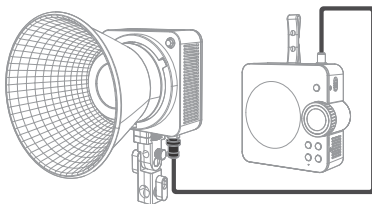
- ③ Drop the adapter base onto the light stand and tighten the fixing knob.



- ④ Adjust the lighting angle of the studio light by rotating the angle adjustment knob.

Installation Instructions

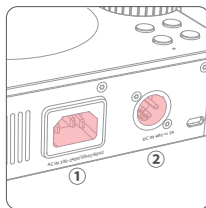
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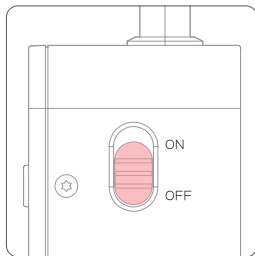
- ⑤ Connect the power cable from the controller to the light body, then tighten the knob to secure it.

How to Use

• Power supply method

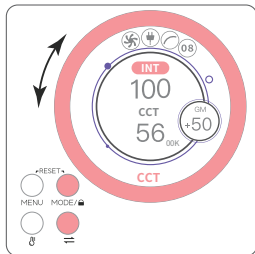


- ① Use AC power cable for power connection.
- ② Use a 48V portable power source.



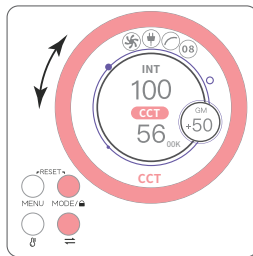
• Power On/Off

Flip the ON/OFF switch to power on/off.



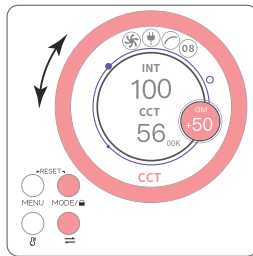
• Brightness Adjustment

Short press the **MODE** button to select any mode, then press the ' $\Rightarrow$ ' button to choose 'INT'. Turn the adjustment knob to adjust the brightness.



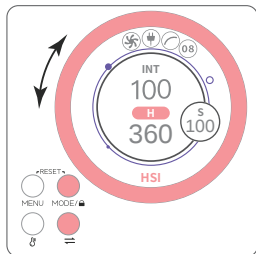
• Color Temperature Adjustment

Short press the **MODE** button to select **CCT** mode, then press the ' $\Rightarrow$ ' button to choose 'CCT'. Turn the adjustment knob to adjust the color temperature.



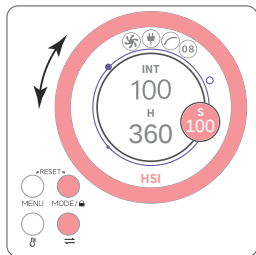
• GM Value Adjustment

Short press the **MODE** button to select **CCT** mode, then press the ' $\Rightarrow$ ' button to choose 'GM'. Turn the adjustment knob to adjust the GM value.



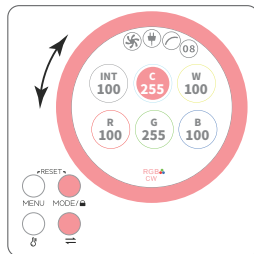
• Hue Adjustment

Short press the **MODE** button to select **HSI** mode, then press the '=' button to choose 'H'. Turn the adjustment knob to adjust the hue value.



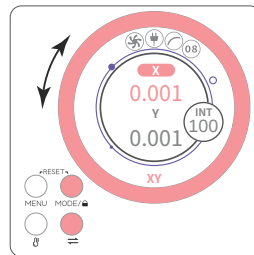
• Saturation Adjustment

Short press the **MODE** button to select **HSI** mode, then press the '=' button to choose 'S'. Turn the adjustment knob to adjust the saturation value.



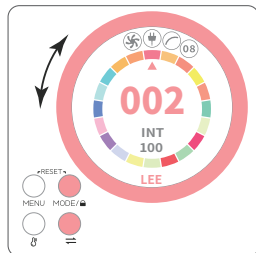
• RGBCW Mode

Short press the **MODE** button to select **RGBCW** mode, then press the '=' button to choose **R/G/B/C/W** value. Turn the adjustment knob to adjust their values.



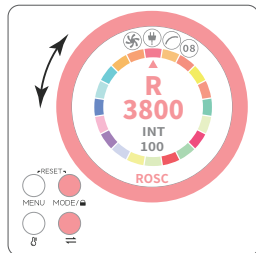
• XY Mode

Short press the **MODE** button to select **XY** mode, then press the '=' button to choose **X** or **Y**. Turn the adjustment knob to adjust their values.



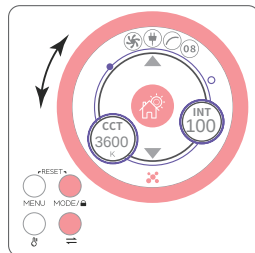
• LEE Mode

Short press the **MODE** button to select **LEE** mode. Press '**⇐⇒**' button to choose gel adjustment. Turn the adjustment knob to select the desired color filter.



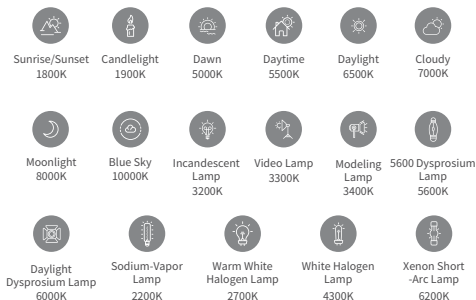
• ROSC Mode

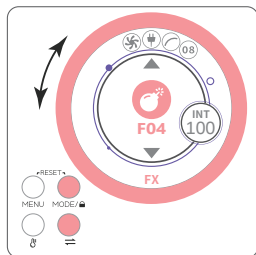
Short press the **MODE** button to select **ROSC** mode, then press the '**⇐⇒**' button to choose gel adjustment. Turn the adjustment knob to select the desired color filter.



• Light Source Mode

Short press the **MODE** button to select '**☼**' mode, then press '**⇐⇒**' button to choose light source adjustment. Turn the adjustment knob to switch between the 17 light sources.





• Scene

Short press the **MODE** button to select **FX** mode, then press the '⇌' button to choose a scene. Turn the adjustment knob to switch between different scenes.

Available Lighting Effects

F01	 Lightning	F02	 Paparazzi	F03	 Defective bulb
F04	 Explosion	F05	 Welding	F06	 CCT Flash
F07	 Hue flash	F08	 CCT Pulse	F09	 HUE Pulse

Available Lighting Effects

F10	 Cop car	F11	 Candlelight	F12	 HUE loop
F13	 CCT loop	F14	 INT loop	F15	 TV screen
F16	 Fireworks	F17	 Party	F18	 Music

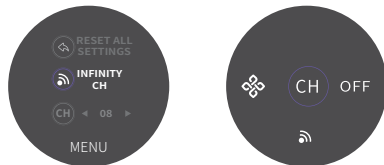
• Menu

Icon	Function	Setting	Description
	100W		Current power
	V1.1.7		Current software version
	RESET ALL SETTINGS	YES	Restore factory settings
		NO	
	INFINITY CH		Infinity mode
		CH	2.4G mode
		OFF	Disable wireless connection
	INFINITY RESET	YES	Infinity Reset
		NO	
	◀ 99 ▶	1~99	Channel settings
	◀  ▶		Linear dimming curve
			S-curve dimming curve
			Logarithmic dimming curve
			Exponential dimming curve

Icon	Function	Setting	Description
		YES	Enable DMX connection
		NO	Disable DMX connection
	◀ 99 ▶	1~512	DMX channel address
	◀  ▶		DMX smooth off
			DMX smooth
			DMX super smooth
			Immediately turn off after DMX signal loss
		60S	Turn off one minute after DMX signal loss
		120S	Turn off two minutes after DMX signal loss
			Remember the last used settings after DMX signal loss

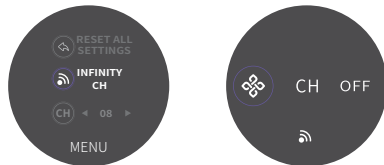
Icon	Function	Setting	Description
	◀ 12 ▶	1	DMX MODE1: CCT&RGB(8 bit)
		2	DMX MODE2: CCT(8 bit)
		3	DMX MODE3: CCT&HSI(8 bit)
		4	DMX MODE4: RGB(8 bit)
		5	DMX MODE5: HSI(8 bit)
		6	DMX MODE6: GEL(8 bit)
		7	DMX MODE7: XY(8 bit)
		8	DMX MODE8: Source(8 bit)
		9	DMX MODE9: FX(8 bit)
		10	DMX MODE10: RGBCW(8 bit)
		11	DMX MODE11: Ultimate mode(8 bit)
		12	DMX MODE12: NEEWER mode(8 bit)

• 2.4G Mode



- ① Short press the **MENU** button to enter the menu and turn the adjustment knob to choose 'Wi-Fi'. Press '⇐' to enter the submenu, turn the adjustment knob to select **CH**, and short press '⇒' to confirm and exit.
- ② Short press the **MENU** button to enter the menu and turn the adjustment knob to choose **CH**. Then press '⇐' to enter the submenu and rotate the adjustment knob to choose one of the channels within the range CH00~CH99. Finally short press '⇒' to confirm and exit.
- ③ In 2.4G mode, set multiple LED lights to the same channel, say CH88. When adjusting one of the lights, the others will change synchronously.

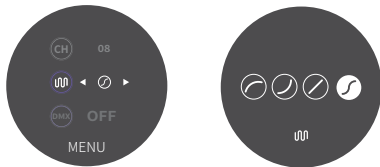
• Infinity Mode



- ① Short press the **MENU** button to enter the menu and turn the adjustment knob to select '∞'. Press '⇐' to enter the submenu, turn the adjustment knob to choose '∞', and press '⇒' to confirm and exit.
- ② The LED light can be controlled using the 'NEEWER' App via a Bluetooth connection. To access further information please scan the QR code on the APP Guide Page from the APP guide card.

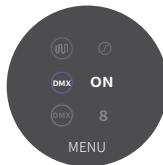
※ Please reset Infinity before connecting to the APP. Short press the **MENU** button to enter the menu. Then turn the adjustment knob and select INFINITY RESET to reset the Infinity connection.

● Dimming Curves



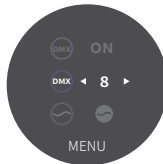
Short press the **MENU** button to enter the menu and turn the adjustment knob to select '∞'. Then press '⇐' to enter the submenu and rotate the adjustment knob to choose S, Log, Exp, or Linear curve. Finally short press '⇒' to confirm and exit.

● DMX Connection Console



① Enabling/Disabling DMX

Short press the **MENU** button to enter the menu and turn the adjustment knob to select **DMX**. Press '⇐' to enter the submenu, and then rotate the adjustment knob to choose 'ON' or 'OFF' to activate or deactivate DMX.



② Adjusting DMX Channel

Short press the **MENU** button to enter the menu and turn the adjustment knob to select **DMX**. Then press '⇐' to enter the submenu and turn the adjustment knob to choose from the channel range 1~512.

※ In DMX mode, please refer to the attached 'HS200C DMX Channel Table' for relevant control methods.



③ DMX Smoothing

Short press the **MENU** button to enter the menu and turn the adjustment knob to select '∞'. Then press '⇐' to enter the submenu and turn the adjustment knob to adjust DMX smoothing.



④ DMX Signal Loss

Short press the **MENU** button to enter the menu and turn the adjustment knob to select ' '. Then press ' ⇐ ' to enter the submenu and turn the adjustment knob to adjust DMX signal loss.

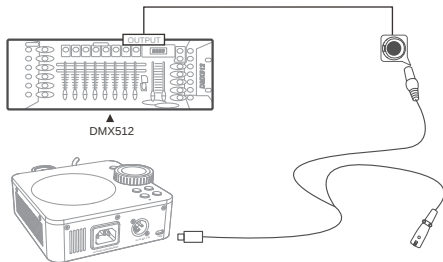


⑤ DMX Mode

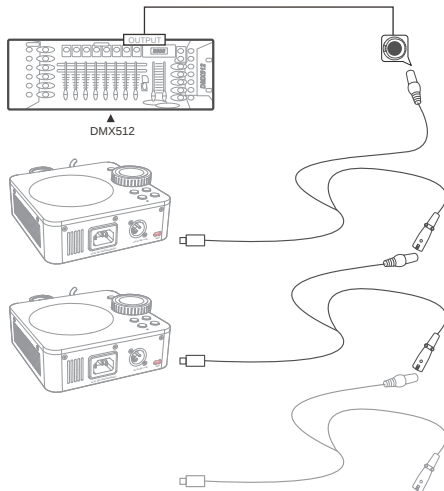
Short press the **MENU** button to enter the menu, then turn the adjustment knob to select ' '. Press ' ⇐ ' to enter the submenu and turn the adjustment knob to select DMX mode 1~12.

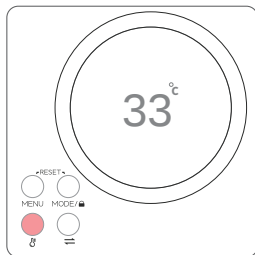
⑥ DMX Connection Illustration

Connecting one unit ▶



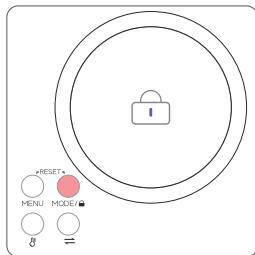
Connecting multiple units ▶





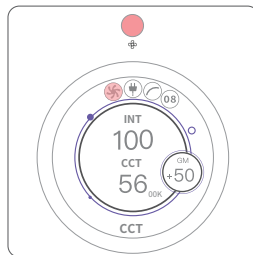
• Temperature Check

Short press "  " to view the current temperature.



• Control Panel Lock

Long press "  " to lock or unlock the buttons on the control panel.



• Operating Mode

Short press the '  ' button to switch between Silent, Constant Power, and Boost mode.

Heat dissipation mode	Display symbols	Maximum power
Silent mode		100W
Constant Power Mode		210W
Booster mode		280W

Booster mode: Automatically adjusts to the maximum output up to 280W based on the light source's temperature.

How to Use

• Warning Prompts

 HVP Overvoltage protection	 LVP Undervoltage protection
 Fan abnormality	 NTC NTC abnormality
 OTP Over-temperature protection	

Specifications

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Model	HS200C
Input	AC 100-220V/50~60 Hz, DC 48V/7A
Power	Silent: 100W / Constant Power: 210W / Boost: 280W
Lighting mode	CCT/HSI/RGBCW/XY/GEL/SOURCE/FX
Color rendering index	CRI ≥95, TLCI ≥97
Brightness range	0~100
Color temperature range	2500K~7500K
X/Y color coordinates	0.0000-0.8000
Special effects	18
GM value	-50~+50
Hue	0~360
Saturation	0~100
R/G/B/C/W	0~255
Light source	17

Illumination:

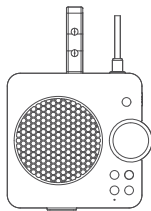
Color Temperature	Distance	Unmodified Light (Boost Mode)	Standard Reflector (Boost Mode)	Unmodified Light (Constant Power Mode)	Standard Reflector (Constant Power Mode)
2500K	0.5m	22700 Lx	86000 Lx	22500 Lx	85900 Lx
	1m	5570 Lx	17100 Lx	5400 Lx	16900 Lx
3200K	0.5m	30200 Lx	113000Lx	27300 Lx	102000Lx
	1m	7400 Lx	22600 Lx	6610 Lx	20400 Lx
4400K	0.5m	40800 Lx	150000 Lx	31800 Lx	117000 Lx
	1m	9990 Lx	30200 Lx	7720 Lx	23500 Lx
5600K	0.5m	38700 Lx	142000 Lx	33100 Lx	121000 Lx
	1m	9550 Lx	28600 Lx	8040 Lx	24300 Lx
6500K	0.5m	35900 Lx	131000 Lx	33100 Lx	121000 Lx
	1m	8810 Lx	26400 Lx	8060 Lx	24400 Lx
7500K	0.5m	32700 Lx	120000 Lx	32800 Lx	120000 Lx
	1m	8050 Lx	24100 Lx	7990 Lx	24100 Lx
R	0.5m	4560 Lx	15300 Lx	4560 Lx	15300 Lx
	1m	1120 Lx	3120 Lx	1120 Lx	3120 Lx
G	0.5m	23000 Lx	80200 Lx	23000 Lx	80200 Lx
	1m	5690 Lx	16500 Lx	5690 Lx	16500 Lx
B	0.5m	5230 Lx	18700 Lx	5230 Lx	18700 Lx
	1m	1290 Lx	3820 Lx	1290 Lx	3820 Lx

Notes

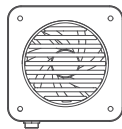
1. Avoid dropping, or subjecting the product to strong physical impact.
2. Do not look directly at the light when in use, to prevent damage to eyesight.
3. Keep the product away from flammable or explosive materials.
4. Avoid using the product in rainy or humid environments.
5. Do not touch the product with wet hands.
6. Remember to turn off the power when not in use.
7. Store the product in a well ventilated, dry area, away from heat sources and magnetic fields, if not in use for a long time.

Package Contents

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Controller ×1



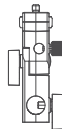
Light Unit ×1



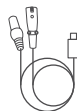
Reflector ×1



Carrying Bag ×1



Stand ×1



DMX Cable ×1



Power Cable ×1