

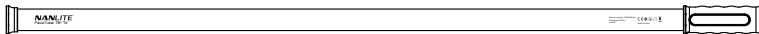
NANLITE

PavoTube T8-7X
USER MANUAL

Guangdong NanGuang Photo&Video Systems Co., Ltd.

PavoTube T8-7X RGBWW LED Pixel Tube Light

■ Product Diagram



■ Technical Data

Rated Power: 8W

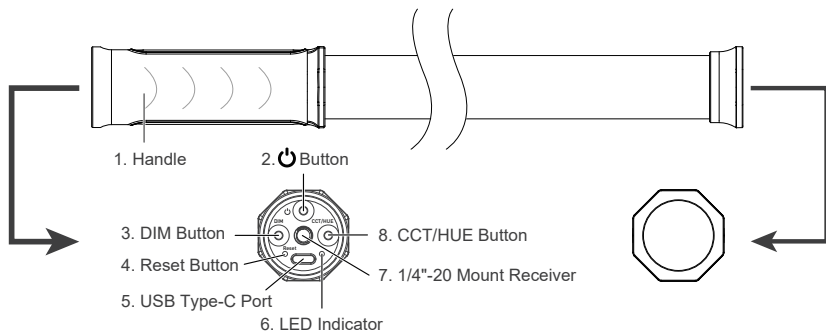
Input: DC5V/2A

Color Temperature: 2700K-7500K

CRI: Average 96

TLCI: Average 97

Product Details



Detailed Description

1. Handle: To hold the fixture.
2. Power Button: Long press the button to turn the fixture on/off, short press the button to switch between CCT and HSI modes.
3. DIM Button: Short press DIM button to adjust the intensity in fixed intervals.
4. Reset Button: Press the reset button to turn off the fixture when the function is stuck. Long press the Power button to restart the fixture if needed.
5. USB Type-C Port: For power input or firmware updates. And for DMX signal input and output when connected with USB-C to DMX cable splitter. (Note: The USB-C to DMX cable splitter is sold separately.)

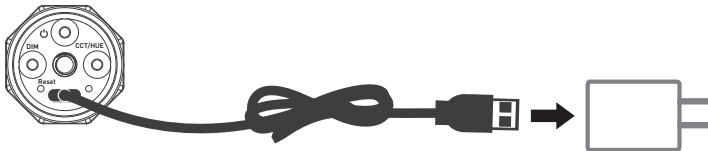
6. LED Indicator: To signify the state of power input. The indicator will flash when the fixture is charging; the indicator is on when the fixture is fully charged. When the fixture is being used, the indicator will also light up.
7. 1/4"-20 Mount Receiver: To install accessories with a 1/4"-20 mount.
8. CCT/HUE Button: Short press to adjust the CCT/HUE in fixed intervals.

■ Usage

1. Connection between the Light Fixture and Power Outlet

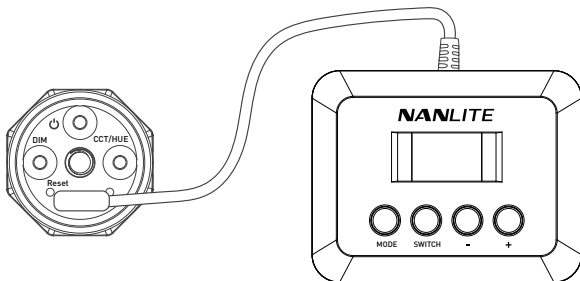
- ① Connecting the fixture with USB cable and USB adapter with output of 5V/2A or above.

(Note: USB adapter is not included.)



- ② The built-in battery will supply power once the fixture is charged.

2. Connection between the Light Fixture and WC-USBC-C1 Wire Controller



The fixture can be controlled by the wire controller in CCT mode, HSI mode, EFFECT mode, PIXEL FX mode, CHANNEL setting, LANGUAGE, DMX mode, DMX PIXEL, WIRELESS PROTOCOL, BLUETOOTH RESET, FIRMWARE UPDATE and VERSION checking (please refer to wire controller user manual for detailed instructions).
(Note: Wire controller is sold separately.)

Remote Control and Control Method by Wire Controller

- PavoTube T8-7X supports DMX and wire controller control, and includes a built-in Bluetooth module as well.

▲ The channel needs to be set before operating remote control via DMX.

1. Channel and DMX setting, including CHANNEL, DMX MODE, DMX REDUCED CHANNELS, DMX DIMMING CURVE and DMX SMOOTHING.

The channel of the fixture can be set by connecting DMX/RDM console, wire controller or by APP via the transmitter box. The DMX setting can be made via connecting the wire controller. (For specific operations, please refer to the relevant manuals.)

2. DMX Remote Control

- ① Connect the fixture to the DMX/RDM console with a DMX adapter cable.

The connection between the fixture and DMX adapter cable is as follows:



- A DMX adapter cable must be used for the connection between light fixture and DMX/RDM console, or between light fixture and light fixture. (DMX adapter cable is not included.)

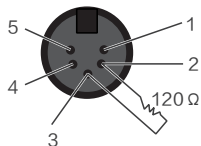
XLR plug/socket and the wire should be connected as shown above.

- Pin1, Pin2, Pin3 for connecting DMX signal. Pin4, Pin5 has no connection.

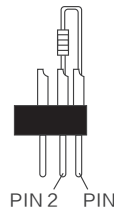
▲ NOTE: When connecting DMX, make sure the internal pin is not in contact with the inner case. The fixture can match the DMX512 (1990) control signal.

②DMX Terminator

In DMX control mode, the DMX output of the last fixture should be connected with a DMX terminator (Not included). This prevents interference caused by DMX signals in the transmitting process. The terminator is connected with a 120Ω(OHM) resistor across Pin 2 and Pin 3. (As shown below)



DMX Terminator Connection
Connect a 120Ω(OHM) resistor across Pin 2 and Pin 3 in an XLR plug and insert into the DMX OUT socket on the last unit.



③Set the channel of the fixture.

④Refer to the DMX reference guide and control the light via DMX/RDM console.




(For detailed operation please refer to the DMX/RDM console operation manual.)

Note: DMX reference guide "PavoTube_T8-7X_DMX_REFERENCE_GUIDE_EN " is downloadable from www.nanlite.com.



Please scan the QR code to check or download the latest DMX reference guide.

■ Operating Instructions

1. Long press  button to turn on the fixture.
2. DIM button: Short press DIM button to adjust the intensity in certain intervals of 0%, 20%, 40%, 60%, 80%, 100%.
When at 100%, press the DIM button, the intensity will reset at 0%.
3.  button: Short press the button to switch modes between CCT and HSI.
4. CCT/HUE button: Short press CCT/HUE to adjust CCT or HUE settings in certain intervals. When reaching to maximum value, it will return to minimum value upon pressing the button again. (When the HUE is adjusted to 360, press the button again it will return to 30.)
CCT: 2700K, 3200K, 4300K, 5600K, 6500K, 7500K.
HUE: 0, 30, 60, 90, 120, 150, 180, 210, 240, 270, 300, 330, 360.
5. Bluetooth Reset: Long press the three buttons at the same time until the fixture has blue twinkle for 3 seconds and reset completes.
6. Long press  to turn off the fixture.

■ Safety Precautions




1. Please check for possible damage caused in transit after opening the package. Please do not use if damage is found. And contact with the distributor or manufacturer as soon as possible.
2. Please do not use a power cable with damaged insulation. Please do not unplug too hard or drag the power cable directly.
3. Please make sure the voltage of power supply accords with the voltage specified on the fixture before installation.
4. Please turn the fixture off when it is not in use or before cleaning.
5. Please keep the fixture safely stored and away from children.

Notice

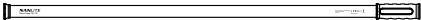



1. Please do not look directly at the emitter when the fixture is on.
2. Please do not place any object on the fixture or allow liquid to flow inside the fixture.
3. Please do not place the fixture near any flammable or volatile substances like alcohol or gasoline.
4. Please do not use strong detergent for cleaning. Please wipe off the dirt by using a cloth with neutral cleanser when cleaning the fixture.
5. Please set up the fixture in a dry and well-ventilated place. Please do not use it in any humid, dusty or overheated environment.
6. Please do not disassemble the fixture at will to repair by yourself. Qualified professionals should conduct maintenance under the condition of strictly following the operating procedures described in this manual.

What's in the box? Please kindly check.

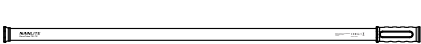


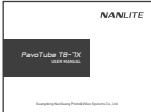
PavoTube T8-7X

PavoTube T8-7X×1	USB Type-C Cable×1	User Manual×1
		

PavoTube T8-7X 2KIT

PavoTube T8-7X × 2	USB Type-C Cable×2
	
Carrying Bag×1	User Manual×1
	

PavoTube T8-7X 4KIT

<p>PavoTube T8-7X × 4</p> 	<p>USB Type-C Cable×4</p> 
<p>Carrying Bag×1</p> 	<p>User Manual×1</p> 

■ General Fault Detection and Diagnosis

Fault Detection	Diagnosis
The fixture won't boot up properly.	Please check whether the connection between the cable and power adapter or fixture are loose.

This manual has been compiled according to the rigorous testing for Nanlite products. Product designs are subject to change without prior notice. The latest version of the manual for this product is downloadable at www.nanlite.com.

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