3D LED FAN

Real Time Display Models - 150CM

Contents

Foreword

Thank you for purchasing our 3D LED FAN,
please read user manual carefully before using it.

Symbol Description

⚠ Important note

🔔 Operation and use prompts

Safety Instruction

⚠ • The product works in a state of high speed rotation.
Do make sure the device is installed on the place
not touchable, or it must need a protection cover
to ensure personal safety.

⚠ • The installation position of the product must be firm,
so as not to fall and hurt people.

⚠ • It is recommended to use with the factory original
protective cover.

⚠ • Please be sure to install the LED blades correctly
according to the instructions to prevent the blades
from being damaged.

⚠ • When using multiple devices splicing, please manually
rotate each device first to check whether there will
be collision between the devices to avoid damage.

⚠ • In case of collision, abnormal sound and other
abnormalities, please stop using immediately.

⚠ • Users are not allowed to disassemble, repair or
modify the product to avoid damage.

Product List

Before using this product, please check whether the product package is complete, if missing or damaged, please contact the purchasing dealer.

|		
3D LED FAN x1	LED blades x4	Optical transceiver x1
Device AC adaptor x1	Optical transceiver power adaptor x1	Bracket x1
HD video cable (1.5 meters) x1	Optical fiber cable (10 meters) x2	USB extension cable x1
USB to RS232 x1	The screwdriver x1	Screws bag x1
Remote controller x1	User manual x1	Packing box x1

⚠ • Product and accessories drawings are schematic drawings. Due to product upgrade and update, there may be some differences between the actual object and the schematic drawings. Please refer to the actual product.

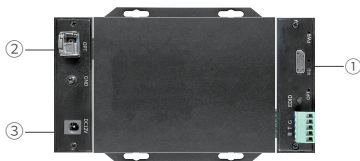# Product Introduction

3D LED FAN
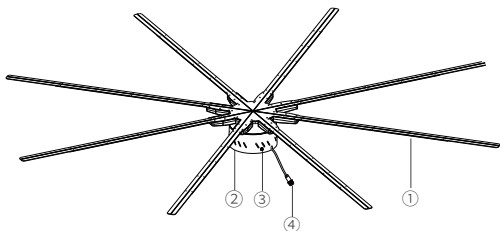
① LED blades   ② 3D LED FAN

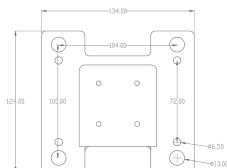③ Optical fiber cable FC port   ④ Power port

Optical transceiver

① HD video signal input   ② Optical fiber cable LC port
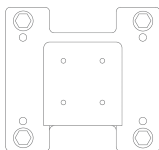
③ Power port

Product Installation

1 **Drilling 3 fixing holes**
Drilling 3 holes on the wall
as diagram on the right.

2 **Mount the bracket**
Mount the bracket on the
wall by screws.(If it is fixed
on the board, it can be fixed
directly with self-tapping
screws)

3 **Install the blades**
Install the LED blades into
the blade's slots, tighten the
screws. (In order to protect
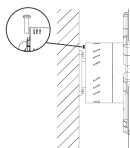the LED blades, install and
remove should be softly)

4 **Connect the power cable**
Connect the power cable and
hang on the 3D LED FAN.

5 **Fixed the host**
Fix the screw between the
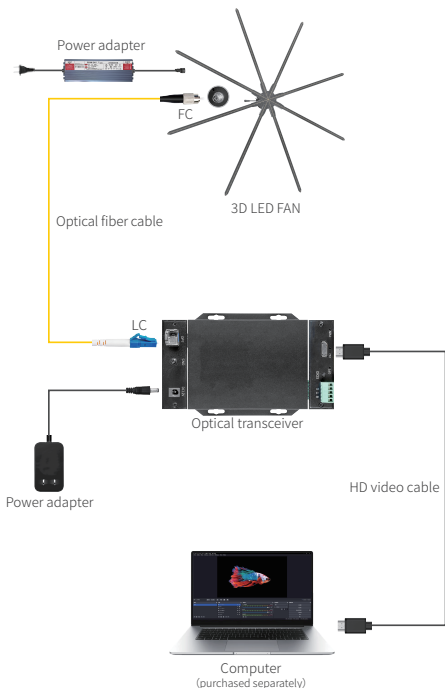bracket and 3D LED FAN to
prevent fall off.

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⚠ • The product works in a state of high speed rotation. Do make sure the device is installed on the place not touchable, or it must need a protection cover to ensure personal safety.

Connection User Guide

❶ Connect the fiber optic cable
  • Make sure the advertising machine is turned off.
  • Insert the FC port of the optical fiber cable into the device right position. Must match the position, the cable raised part into the device slot sunken part. Connect the device power cable and tighten it well.
  • Inset the Optical fiber cable's LC port to the Optical transceiver's correct port.

❷ Connect the HD video cable
  • Connected the HD video cable to the optical input port, connect the the other port to the video signal output port of the computer (You need to prepare the computer by yourself).

❸ Connect the power adapter of the device and Optical transceiver, then plug it into the power outlet.

❹ Turn on the advertising machine and computer, finished the connection.

⚠ • If you are using a desktop computer and are equipped with a standalone graphics card, insert the HD video cable into the card's video signal output to ensure the device is connected properly.

Connection Diagram

Power adapter

FC

3D LED FAN

Optical fiber cable

LC

Optical transceiver

Power adapter

HD video cable

Computer
(purchased separately)

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differences between the actual object and the schematic
drawings. Please refer to the actual product.

Screen Settings

When you connect the device to the computer, check the following issues:

❶ Automatic synchronization
- The advertising device will automatically synchronize the contents as the computer screen.
- You can choose copy mode or extend mode from the computer screen settings.

❷ Display range
- Because the ad machine is circular, only can display the center of the computer screen as the center of the circle, the diameter of the circular area of 720 pixels of content.

❸ Adjust the display area
- If the content to be displayed goes beyond that range, you need to adjust it manually to ensure it is under this range.
- If you don't want to manually adjust the content to be displayed, you can use specific software to automatically adjust the content to ensure that it only appears within the circle.

Display range indication:

Display area
720 x 720

Desktop 1920x1080
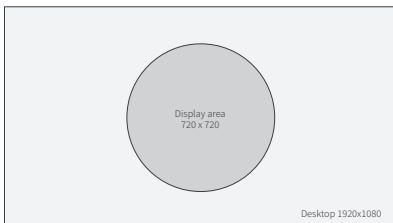
Connect to Your Phone or iPad

Components or cables are not included in the device, please purchase separately.

① Prepare the covert cable，Andriod phone Type-C port covert to HD video cable port，iPhone lighting port convert to HD video cable port.

② Connect all the cables well, except HD video cable.

③ Plug the covert cable to your phone, another port to the Optical transceiver.

④ Turn on the device and mobile phone, mobile phone screen will be real time displayed to the device.

Connection Diagram

Power adapter

FC

3D LED FAN

Optical fiber cable

LC

Optical transceiver

Power adapter

Mobile phone port
transfer to HD video cable port
(purchased separately)

Mobile Phone
(purchased separately)
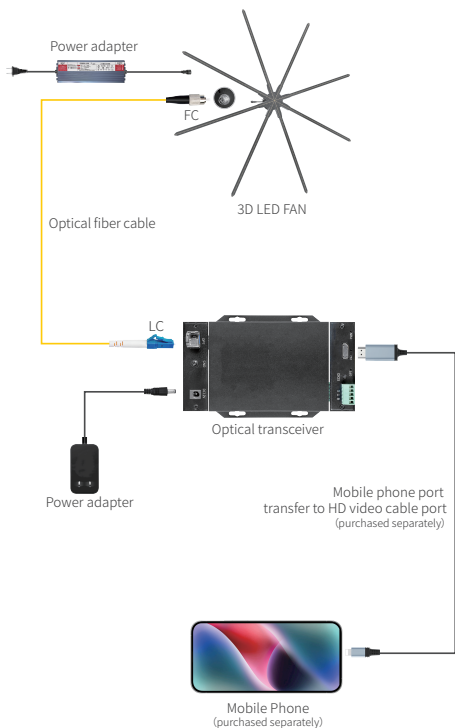
⚠ Some of the wiring connection, need to set up according to the prompt, in order to display properly, please buy the wiring instructions to set up.

3D LED FAN Specification

Szie:	1500*1500*140mm
Weight:	14KG
Resolution:	2048*2880dpi
Led qty:	8*360
Viewing angle:	170°
Rated power:	320W
Voltage:	24V
Rotating speed:	350r/min
Brightness:	2000cd/㎡
Material:	Aluminum
Upload method:	External host

Optical Transceiver Specification

Szie:	116.5*110.5*25.8mm
Weight:	0.222Kg
Power supply:	12V1A
Optical fiber interface:	LC
Optical fiber type:	SFP single mode
Optical fiber wavelength:	1550/1310nm
Optical fiber bandwidth:	3Gbps
Optical fiber distance:	0-20KM
Temperature:	-20 to +75℃
Humidity:	5 to 90 %

Failure Analysis

Failure	Failure reason	Solution
Cannot boot	Power line no connect	Check whether the power line contact well
	Power failure	Check whether the power light on
Auto reboot	Wrong power adapter	Change an original power adapter
No display	Wire bad connection	Unplug all the cables and reconnected, Aligned the mark points with the plug's gap
	Device breakdown	Check all accessories are in good condition
	The screen sets up wrong	Check if the screen settings are correct, Check the content if it is in display range
Abnormal display	Led blades not install well	Re-install the LED blades make sure LED port fit the devices slot
	Cable breakdown	Check if the wire is in good condition
Light on but non-rotation	Operation error	Contact service,
Vibration/ Noisy	Led blades not install well, or bend	Re-install the LED blades

Notes

Tear down or remould

The product is made up of high density components, prohibit tearing down, repair, refit or hard fall to avoid damage.

Use and storage environment

① The normal operating temperature is 0℃~70℃,Please be carefully use it if out of this range.
② Do not use or storage it under high temperature,high pressure, strong magnetic field, dust and humidity.
③ It is recommended to use with the factory original protective cover.

Machine maintenance

① Do not use sharp objects to scratch on device surface.
② Please wipe with a soft dry cloth if there is dirt, stain or water droplets on device surface.
③ Do not use volatile organic solvents to clean the device surface, such as gasoline and alcohol.

Statement

Due to the upgrading and updating of the product, this manual is only for reference and does not constitute any form of commitment. The product (including but not limited to power supply adaptor, lamp beads, resolution, brightness, weight, material, function, etc.) shall be subject to the real object. In case of any inconsistency between this manual and the description of the real product, the real product shall prevail without further notice.

WARRANTY CARD			
User	Name:		Product model:
	Invoice number:		Purchase date:
	Address/Zip code:		
Service	The date of repair	Failure description and handling information	Service person

* Under warranty, the product will get free repair if it be used normally. This warranty shall be rendered null&void if:

1. The product is physically damaged.
2. The product is installed, maintained and operated in ways not as recommended by us.
3. The product is faulty or damaged due to other occasional problem that not related to manufacturing.