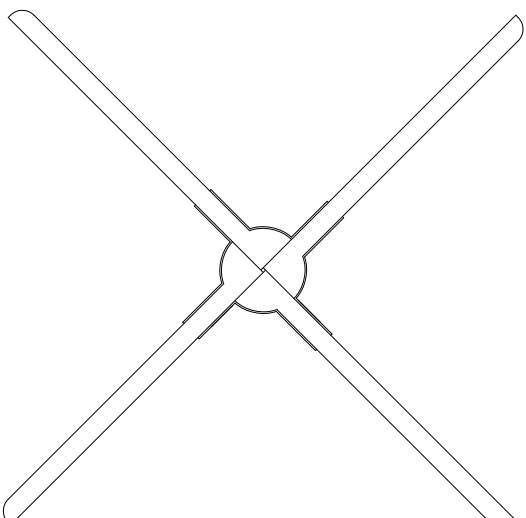
3D 全息屏（A80）



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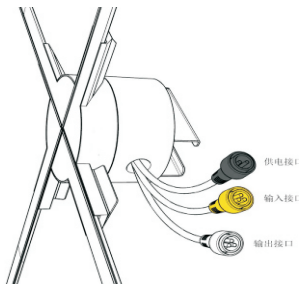
注意事项

1、 设备安装应远离障碍物，先安装后上电，避免设备扇叶损坏。
2、 应用时应与设备保持安全距离，高空安装时应确保环境安全，避免伤人。
3、 请勿擅自拆卸设备，避免造成设备异常。
4、 注意保养，定期清洁设备。

设备清单

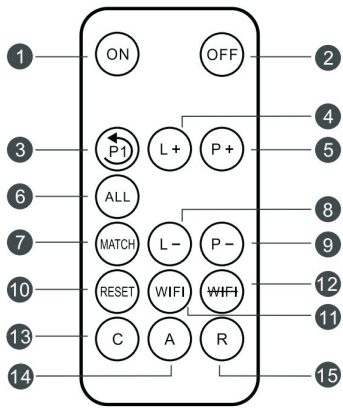
序号	物品	数量
1	主机	1
2	电源适配器	1
3	遥控器	1
4	壁挂固定件	1
5	保修卡	1
6	合格证	1

接口说明



为保证设备防水性能，A80 接口做到了尽量精简：只预留出 3 航空头接口。
黑色 2 芯为电源接口，黄色 3 芯为输入接口，白色 3 芯为输出接口。

遥控器说明

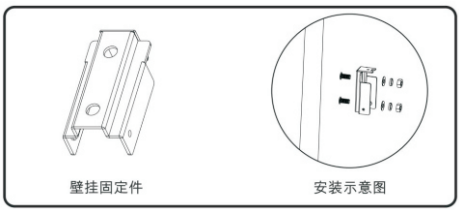


1. ON: 设备旋转开关
2. OFF: 设备停止开关
3. P1: 返回第一个视频
4. L+: 亮度增加
5. P+: 切换到下一个视频
6. ALL: 所有主机进入匹配遥控器状态
7. MATCH: 匹配遥控器
8. L-：亮度减少
9. P-: 切换到上一个视频
10. RESET: 重启系统
11. WIFI: 开启wifi
12. ~~WIFI~~: 关闭wifi
13. C: 进入云端模式
14. A: 可连接app模式，断开云端和路由模式
15. R: 进入路由模式

安装说明

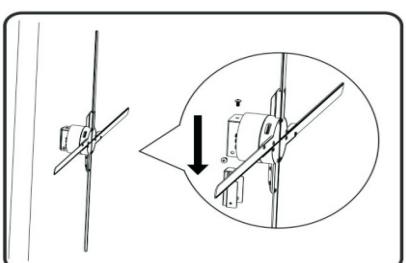
1、 安装固定件

先把固定件用膨胀螺丝或普通螺丝直接固定在墙上，方便后续设备套入固定。



2、 固定设备

把设备套入固定件，锁上螺丝即可完成设备固定。如图：



使用说明

1、 接通电源

设备固定后，使用电源适配器连接设备电源插口（黑色 2 口航空头），等待设备初始化完成，呼吸灯一亮一灭闪烁（如不亮呼吸灯，检查是否供电正常或者关闭了呼吸灯）。

2、 手机 APP 控制

（1） 软件下载、安装
下载网址：http://down.holocloud.online/
也可通过扫下方二维码下载（苹果手机可在 app store 搜索 3D Magic 下载），
下载后按提示完成安装即可（首次打开 APP 请允许软件运行必要相关权限）。

（2） 连接设备
设备通电，每台设备会发出对应 WIFI（WIFI 可在设备固定件丝印处查看，密码默认为 CS123456）。打开手机无线功能，连上设备 WIFI 后，打开 APP，会自动连接设备，如下：

（3） 开关设备
点击 APP 上“开关”按钮，可开启/关闭设备。

（4） 上传视频
点击“上传”，可上传视频或者照片到设备。

（5） 切换视频
点击列表中某个视频，会自动切换播放对应视频。

（6） 编辑视频
点击“编辑”可对视频进行编辑。包括：删除、重命名、拖动排序等。

（7） 其他设置
点击下方“设置”，可进行调节亮度、角度、播放模式等。

3、 遥控器控制

（1） 遥控器配对
手机 APP 连接设备后，进入设置界面点击 “高级选项”，点击“遥控匹配”，发送遥控匹配请求，扇叶 LED 绿灯闪烁时单击遥控器的 “MATCH”键，完成匹配。

（2） 开关设备
使用配对成功的遥控器对准设备，按下遥控器上的“ON”，设备旋转起来；使用

遥控器对准设备，按下遥控器上的“OFF”，设备停止旋转。

（3） 切换曲目
使用遥控器对准设备，接下遥控器上的“P+”切换到下一个节目，按下“P-”切换到上一个节目，接下“P1”切换到第一个节目。

（4） 调节亮度
使用遥控器对准设备，接下遥控器上的“L+”设备亮度增加，按下“L-”设备亮度降低。

（5） 更多遥控器其他按键功能，请查阅 〝遥控器说明〞部分。

4、 云端控制

通过云端可以实现对设备远程控制，操作步骤如下：
（1） 云端注册账号
国内服务器网址： https://www.holocloud.online/
欧洲服服务器网址： https://england.holocloud.online/
打开对应网址，根据页面提示完成账号注册。

（2） 通过手机 APP 配置、连接云端
手机 APP 连接设备，选择好希望使用的云端服务器，开启云端长连接。进入：设置->远程控制，输入设备连接云端使用的网络，绑定的云端账号，点击“设备连接云端系统”，设备会自动连接云端， APP 将会与设备断开连接，云端状态时设备 WIFI 不可见。（经过配置后的设备，后续可通过按遥控器 “C”键快速连接云端）

（3） 登录云端账号
登录云端账号，等待设备在线后，可通过云端平台对设备进行控制。
更多云平台操作查阅：http://doc.holocloud.online/product/cloud/cloud/

（4） 退出云端控制

云端模式下，按遥控器“A”键退出云端模式，设备 WIFI 恢复可见。

或者也可在云端页面点击“断开”让设备退出云端状态。

5、 声音输出

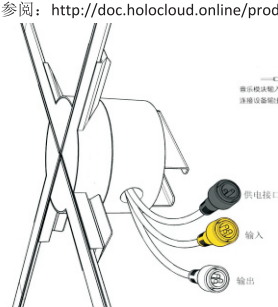
（1） 连接蓝牙音响播放声音

APP 连接设备后进入：设置->蓝牙开关。打开蓝牙后设备会自动扫描周边蓝牙音响。从扫描出的蓝牙音响列表中选择需要连接的蓝牙，点击“确定连接”，连接成功即可通过蓝牙音响输出声音。

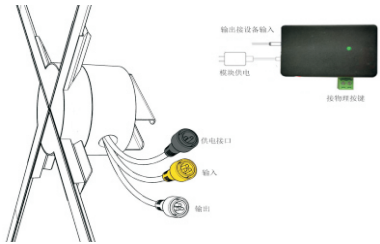
（2） 通过音乐模块播放声音

按如下连接音乐模块、设备与音响装置,即可通过音响输出声音。

更多参阅：http://doc.holocloud.online/product/matrix/matrix/ 音乐模块部分



6、 线控使用



按上图连接线控盒子与设备（线控输出接单台或者联屏的主机的输入（SYN-in）），即可通过线控按键控制设备开启 /关闭或视频切换 。（具体功能根据线控程序决定）

7、 开关设备 WIFI

单击遥控器“~~WIFI~~”键，关闭设备 WIFI。
关 WIFI 状态下，单击遥控器“WIFI”键，可开启设备 WIFI。

8、 重启系统

单击遥控器“RESET”，可在设备不断电情况下重启设备系统。

9、 恢复出厂设置

恢复出厂设置会同时清空用户上传视频。手机 APP 连接设备，进入设置界面，点击“恢复出厂设置”开关，设备将恢复出厂设置。

10、实时投屏

下载投屏软件，可实现视频实时投影到 A80 设备同步显示。
软件下载地址：http://down.holocloud.online/3D_TP.rar

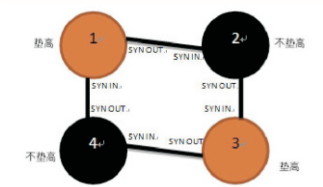
联屏操作

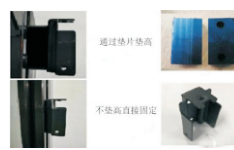
11、联屏安装

以 4 台设备联屏为例。

（1） 根据相应间距(56cm)固定好底座，左上角第一台(1-1)加垫片垫高，相邻位不垫高，依此类推。

（2） 设备 1 的 SYN OUT 连接设备 2 的 SYN IN ，设备 2 的 SYN OUT 连接到设备 3 的 SYN IN，设备 3 的 SYN OUT 连接到设备 4 的 SYN IN，再从设备 4 的 SYN OUT 连接到设备 1 的 SYN IN。如下图：





（3） 设备全部接通电源，选定一台作为该联屏主机。APP 连上该设备，进入：设置->高级选项，点击“组网控制”右侧按钮，扇叶 LED 绿灯闪烁后转为正常呼吸灯，则组网成功；若由绿灯闪烁转为红灯闪烁，则组网失败。此时应检查所有连线是否连接正确，断电后重新上电发送组网控制请求直到组网成功。

12、联屏上传视频

（1） 软件下载、安装

下载地址：http://doc.holocloud.online/software/

从以上网址下载切割软件并解压。

（2） 软件与联屏建立连接

a. 路由，设备插上电源，等待路由与设备初始化完成。

b. 按下遥控器上 “R” 键连接路由。

c. 电脑连接路由 WIFI: CS_Box（密码: CS888888, 连上后电脑无网络）。

d. 打开切割软件选择 A80 入口进入，进行视频切割与上传。
e. 进入切割软件控制台可调节设备角度，进行视频删除、排序等操作。
f. 视频上传完成后，按下遥控器 “A” 键取消连接路由
g. 切割软件详细操作参阅：http://doc.holocloud.online/product/PC65/PC65/

13、联屏控制

（1） 遥控器配对联屏主机，配对成功后可通过遥控器控制联屏。
（2） 打开手机无线功能，连上主机 WIFI，打开手机 APP，会自动连接设备，连接成功后，通过 APP 可以控制联屏。
（3） 进入路由模式后，通过切割软件控制台也可对联屏进行操作控制。
切割软件详细操作参阅：http://doc.holocloud.online/product/PC65/PC65/
（4） 也可把设备全部接入云端系统，云端建立与联屏对应的联屏 “模型”，从而通过云端控制联屏。
更多云平台操作查阅：http://doc.holocloud.online/product/cloud/cloud/

故障排除

1、 接通电源后，扇叶上的 LED 不亮
解决方法：检查电源是否接好，线路是否正常。

2、旋转显示有色圈
解决方法：检查扇叶安装是否松动，供电是否正常。可能有个别 LED 损坏，请联系供应商维修。

3、无法启动旋转
解决方法：检查设备是否供电。也可能设备处于从机模式或者急停状态，切换为主机，断电解除急停重新上电。未能解决请联系供应商。

4、手机 APP 和遥控器均无法对设备进行控制
解决方法：可能设备处于从机模式，切换为主机后断电后重新上电。

产品规格

产品型号	A80
分辨率	1280*1280
设备面积	77*77*5.5cm
灯珠数量	896 颗 RGB 灯珠
内容上传	APP 上传、PC 上传、云端上传
有线控制	支持有线控制
在线升级	支持在线升级
音乐连接	支持有线连接、蓝牙连接
多台拼接	支持多台拼接
人机互动	支持人机交互
实时投屏	支持实时投屏
机器内存	8G（内置内存）
额定功率	48W
最大功率	96W
防水级别	IPX6
保修期	一年

FAQ

1、 After the power is turned on, the LED of the fan blade does not light up.
Solution: Check whether the power supply is well connected and whether Is the breathing light turned off.

2、 Rotation display has color circle.
Solution: Check whether the fan blade is loose and or the power supply is normal. Individual LED may be damaged, please contact the supplier for repair.

3、 Fan is unable to start spinning.
Solution: Check whether the equipment is powered. It is also possible that the equipment is in the slave mode or emergency stop state, switch to the host, power off to exit the emergency stop and power on again. If failed to resolve, please contact the supplier.

4、 Neither the mobile phone APP nor the remote control can control the device.
Solution: Check whether the power supply is well connected. The Fan may be in slave mode, please switch it to host and power it on again.

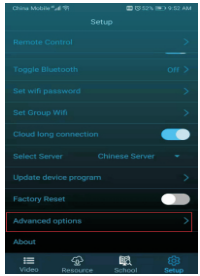
Specification

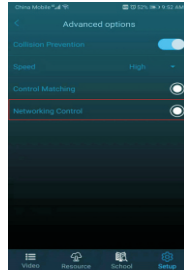
Product model	A80
Display resolution	1280*1280
Equipment area	77*77*5.5cm
Number of lamp beads	896 RGB lamp beads
Content upload	APP upload、PC upload、Cloud upload
Wired control	Support
Online upgrade	Support
Music connection	Support wired connection or Bluetooth connection
Multiple splicing	Support
Human-Computer Interaction	Support
Real-time screencast	Support
RAM	8G（Built-in memory）
Rated power	48W
maximum power	96W
Waterproof level	IPX6
warranty period	One year

For detailed operation of the cutting software, please refer to:
http://doc.holocloud.online/product/PC65/PC65/

（4） It is also possible to connect all the Fans to the cloud system. Establishes a "model" corresponding to the matrix, and you can control the matrix through the cloud.

For more cloud platform operations, please refer to：
http://doc.holocloud.online/product/cloud/cloud/





12、Upload videos to matrix

（1） Download cutting software

Download the cutting software from *http://doc.holocloud.online/software/* and unzip it.

（2） The software connects with the matrix Fan

a. Power for the router and all matrix Fans, and wait for the initialization of the router and Fans to complete.

b. Press the "R" key on the remote control to let matrix connect to the router. Of course, the premise is that the remote control has matched with the host of matrix.

c. Computer connects the route WIFI “CS_Box”, which encrypted with CS888888.

d. Open the cutting software for video cutting and uploading

e. In console page of cutting software, you can adjust the angle of the matrix Fans, and perform operations such as deleting and sorting videos.

f.Video upload is complete, press the remote control "A" button to cancel the connection route

Please Refer to the detailed operation of the cutting software：
http://doc.holocloud.online/product/PC65/PC65/

13、Matrix controls

（1） Use the remote control which match to the host Fan of matrix can easily control the matrix.

（2） Connecting to the host Fan with APP “3D Magic” will also help you easily control the matrix.

（3） After entering the routing mode, the matrix can be controlled by cutting software in control console.

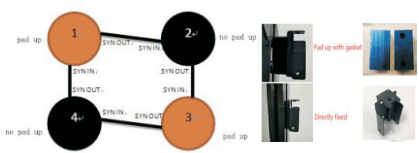
Fan matrix link

11、 Make a matrix link

Take four devices as an example.

（1） Fix the base (fixed part) according to the corresponding distance (***56cm***). It is important that a gasket must raise the top left Fan (device 1). If it is adjacent to the raised Fan, Fan will not be padded and fixed directly (device 2 and device 4). If it is adjacent to the low position, Fan shall be paded up by gasket (device 3).

（2） The "SYN OUT" of Fan 1 connects to the "SYN IN" of Fan 2.
The "SYN OUT" of Fan 2 connects to the "SYN IN" of Fan 3.
The "SYN OUT" of Fan 3 connects to the "SYN IN" of Fan 4.
The "SYN OUT" of Fan 4 connects to the "SYN IN" of Fan 1.
. As shown below:

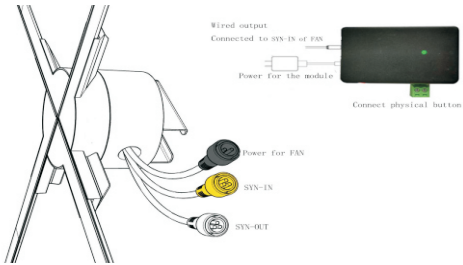


（3） Power all Fans and select one Fan as the matrix host. Connect the host Fan with APP “3D Magic” and access to: Setup->"Advanced Options".

Click the button "Networking Control". If the fan blade LED turns to normal breathing light after flashing green, the networking mode is set successfully; if the flashing green light turns to flashing red, the networking mode setting fails.

If it is fail in operation "Networking Control", please check whether all the sync cables are correctly connected. Then repeat the "Networking Control" operation until it is successful.

6、 Wire control equipment



Connect the wire control box and the equipment according to the above figure (the wire control output is connected to the “SYN IN” of the fan), and then the equipment can be turned on / off or video switching through the wire control.

7、 Turn Fan’s WIFI on or off

Click "~~WIFI~~" button to turn off the Fan’s WIFI on the remote control.
When the WIFI is off, click the "WIFI" button on the remote control to turn on.

8、 Reboot the Fan system

Click "RESET" on the remote control to restart the Fan system even if it's still powered.

9、 Restore factory settings

The Fan can be reset to factory settings. The videos uploaded by the user will be cleared after reset.

Connect the Fan with mobile phone, enter the setting interface, click the "restore factory settings" and the Fan will restore the factory settings.

10、Real-time screencast

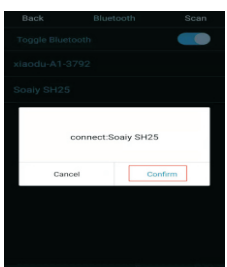
Download the projection software, which can realize the real-time projection of the video to the A80 Fan. Download software from URL:
http://down.holocloud.online/3D_TP.rar

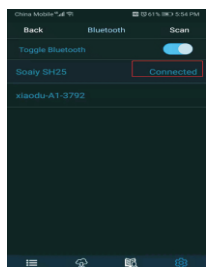
For more cloud platform operations, please refer to:
http://doc.holocloud.online/product/cloud/cloud/

（4） Exit cloud control
Fan will exit cloud mode if press "A" key on the remote control, and the Fan's WIFI will be visible again.

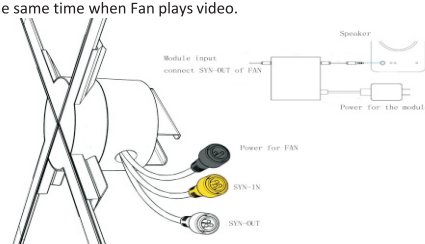
5、 Sound output

（1） Play sound via Bluetooth
After connecting the device, run the APP “3D Magic” and access to: Settings->Bluetooth switch.
After turning on Bluetooth, the device will automatically scan for peripheral Bluetooth. Select the Bluetooth want to connect from the scanned Bluetooth list, click "Confirm". The sound can be output via Bluetooth if connect succeed.





（2） Play sound through the music module
Connect the music module, fan and speaker as follows. It will be easy to play sound at the same time when Fan plays video.



If you want to customize other beautiful voice, please refer to “*music module part”* of http://doc.holocloud.online/product/matrix/matrix/

increase the brightness. Press "L-" to decrease the brightness.

For other key functions of the remote control, please refer to the section " Remote Controller ".

4、 Cloud control

The Fan can be controlled through the cloud system, the operation steps are as follows:

（1） Account registration for cloud

Domestic server URL: *https://www.holocloud.online/*

European server URL: *https://england.holocloud.online/*

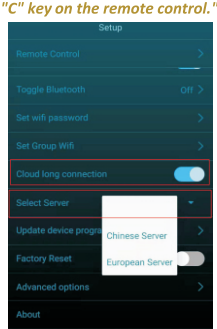
Open the corresponding URL, and the follow-up page prompts to complete the account registration.

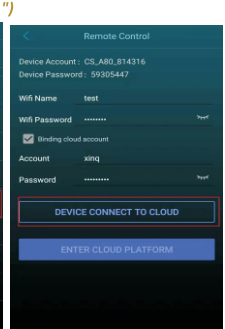
（2） Connect Fan to cloud

When the mobile phone APP connects to the fan firstly, select the cloud server you want to use and open the cloud long connection in setup page. And then access to Setup->Remote control:

It is necessary to enter the network used to connect to cloud. It is also strongly recommended to bind the cloud account so that there is no need to manually add device in the cloud. Now everything is ready and then click "device connect to cloud ", the Fan will automatically connect to the cloud. The APP will disconnect from the Fan, and the Fan WIFI will not be visible.

(After the first configuration, you can quickly connect to the cloud by pressing the "C" key on the remote control.")





（3） Control the Fan through the cloud

Login to the cloud platform, wait for the device to be online, and then you can control the device through the cloud platform.

（3） Turn Fan on or off

Tap the switch button on the APP to turn on/off the Fan.

（4） Upload video

Click "Upload" to upload videos or photos to the Fan.

（5） Switch video

Click on a video in the list, it will automatically switch to play the video.

（6） Edit video

Click "Edit" to edit the video. Including: delete, rename, drag to sort, etc.

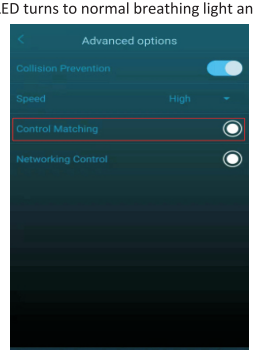
（7） More settings

Click "Setup" below to adjust brightness, rotate image, change playback mode, etc.

3、 Remote control

（1） Match the remote control

When the mobile phone APP connect to the fan, access to the setting interface and click "advanced options". Click the button "remote control matching" and the fan will flashes green. At the same time, click "MATCH" button on the remote control. The LED turns to normal breathing light and the pairing is successful.



（2） Turn Fan on or off

Use the remote control to point the Fan, press "ON" on the remote control, the Fan will start to rotate; use the remote control to point the Fan, press "OFF" on the remote control, the Fan will stop rotating.

（3） Switch video

Use the remote control to point the Fan. Press the "P+" on the remote control to play the next program. Press "P-" to switch to the previous program. Press "P1" to switch to the first program.

（4） Brightness adjustment

Use the remote control to aim at the Fan. Press the "L+" on the remote control to

2、 Controlled by mobile phone

（1） Software download and installation

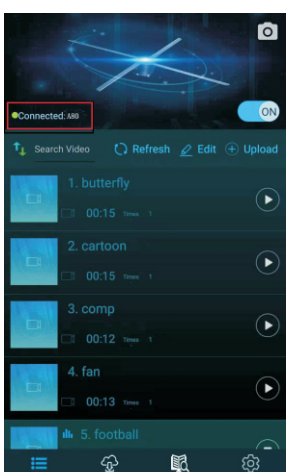
You must install the APP “3D Magic” if want to control the fan by mobile phone.

Download URL：http://down.holocloud.online

Also can be downloaded by scanning the QR code below（For iPhone, search for 3D Magic in the app store to download）

（2） Connect the Fan

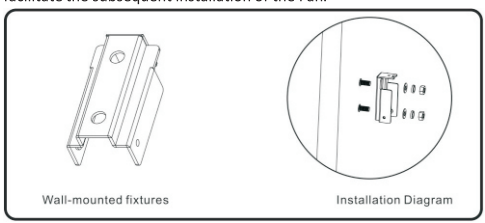
Turn on the wireless function of the mobile phone. Connect to the Fan WIFI available from the Fan label sticker. Open the APP “3D Magic” and it will automatically connect to the Fan.



How to Install

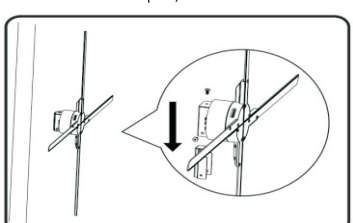
1、 Install fixed part

First fix the fixed part to the wall with expansion screws or ordinary screws to facilitate the subsequent installation of the Fan.



2、 Fix fan

Put the fan into fixed part, lock the screws to finish install, as below picture.

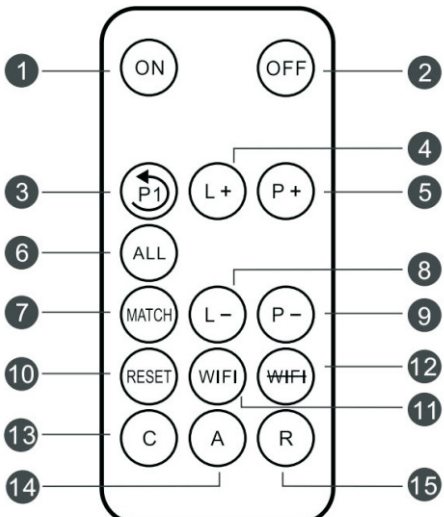


How to Use

1、 Connect the power supply

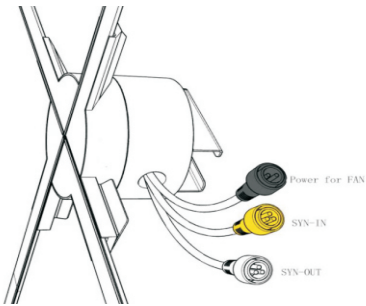
Please use the power adapter to connect the Fan to the power socket after installation. The Fan will be in the standby state. You can see that the LED on the fan blades illuminate and then turn off in a looping manner. (If the LED do not illuminate, please check the power supply).

Remote Controller



1. ON: Start device
2. OFF: Stop device
3. P1: Switch to the first program.
4. L+: Increase brightness
5. P+: Switch to the next program
6. ALL: Match all masters to remote controller
7. MATCH: Match remote controller
8. L- : Decrease brightness
9. P-: Switch to the previous program
10. RESET: Restart the system
11. WIFI: Turn on the wifi
12. ~~WIFI~~: Turn off the wifi
13. C: Switch to Cloud
14. A: Switch to APP mode, disconnect to Cloud or Routing mode
15. R: Switch to Routing mode

Equipment Interface



In order to ensure the waterproof performance of the equipment, the A80 interface is simplified as much as possible: only 3 aviation head interfaces are reserved.

Black 2-core is the power interface, yellow 3-core is the input interface, and white 3-core is the output interface.

Attentions

1、 The devices should be installed far away from obstacles. Install and then power on to avoid damage to the fan blades of the devices.
2、 Keep a safe distance from the device during application, and ensure environmental safety during high-altitude installation to avoid hurting people.
3、 Do not disassemble the device without authorization to avoid causing abnormalities in the device.
4、 Pay attention to maintenance and clean the device regularly.

Parts List

No.	Items	Quantity
1	3D Hologram Fan	1
2	Adaptor	1
3	Remote Controller	1
4	Wall-mounting Part	1
5	Warranty Card	1
6	Certification Card	1

ATTENTIONS **2**

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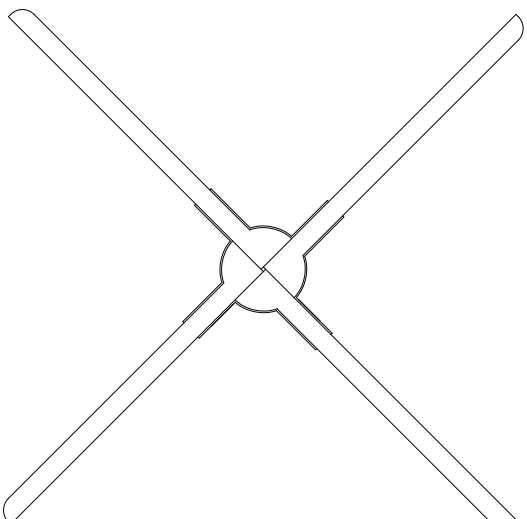
3D HOLOGRAPHIC（A80）



User Manual