



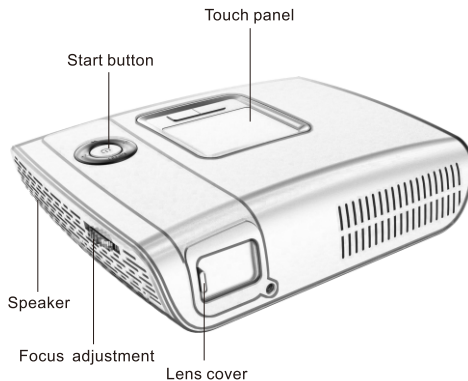
## Wireless Micro Intelligent Projector F20



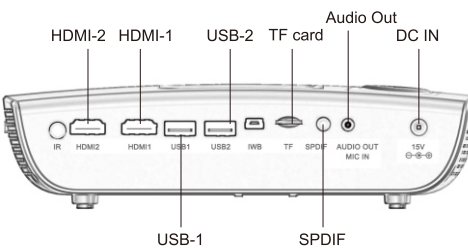
### Guide



## 1 Interface description



(Picture 1)



(Picture 2)

## 2 Switch Operate Instructions

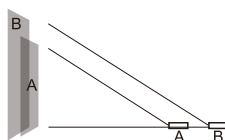
### Power on:

Connect the power adapter to the DC connector of the projector, toggle the rear power switch to the ON position, and turn on the front lens dust cover of the projector, and wait for the projector to turn on.

### Shut down:

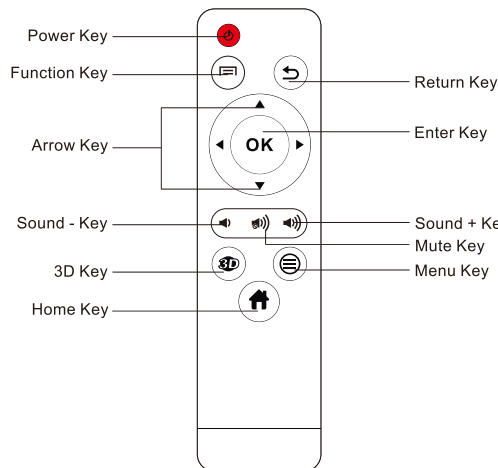
Shut down need press and hold the body key to release after 3 seconds (or click the remote control key), Toggle the rear fuselage power switch to OFF position.

## 3 Adjust projection size and clarity



1. Adjust machine projection distance, get a satisfactory projection image size.
2. Turn the focus knob to obtain the best satisfactory projection image.

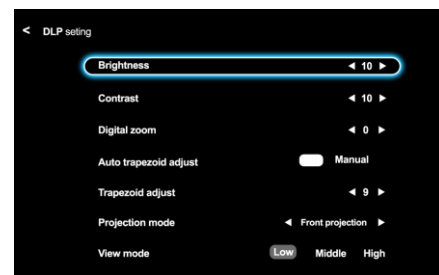
## 4 Remote control buttons



(Picture 3)

## 5 Interface description

### F20 wireless micro projector

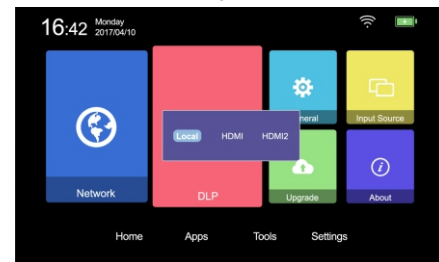


(Picture 4)

- It supports brightness, contrast 0-20 adjustment according to use scene.
- It supports 100%-80% size zoom according to projected screen size.
- It supports the "Manual" "Auto" keystone correction function.
- It supports suspension mode (forward reverse), projection mode (forward, backward) adjustment.
- It supports LED brightness adjustment according to the usage scenario.
- Adjustment Options Operation: Select the category you want to adjust, the remote control left and right buttons can be adjusted.  
(the mouse need to click the category left and right arrow adjustment).

## 6 connect external devices

This unit supports external input using HDMI signal, after connecting the corresponding source device to the corresponding interface, Click "Input Source Settings" on the projector's "Settings" page to select the corresponding source channel to realize external signal access.



(Picture 5)

## 7 Reset

If there is any problem of projector pls priority to try to restore the factory settings, in the setting page->General Settings->Restore Factory Settings->Click OK to wait for a successful recovery.

## 8 Functional operation

### connected to the WIFI network, Bluetooth devices

The projector supports 2.4G and 5G band WIFI, in the settings interface, click the Network Settings->wireless network connection (enter the password and press "Done" to confirm).

This projector supports Bluetooth connection audio, and connects from the network settings-Bluetooth settings.

### download and install the APP software

The projector has build-in "Google market" can be downloaded according to demand online to install the corresponding software. If it can not meet the needs, you can download other "application market."

## 9 Precautions

- Follow all warnings and precautions in the manual and on the machine body.
- Do not open the case. There is no customer serviceable parts inside. Please contact your dealer or factory for service.
- The light source of the projector is designed to be extremely bright. To avoid damaging the eyes, do not look directly into the lens while the projector is turned on.
- Do not use the projector on pillows, blankets, or other soft materials to avoid obstruction of the vents.
- Avoid using the projector with water, strong sunlight, or dusty surfaces.
- Do not place heavy objects such as books on this projector.
- Use the power adapter supplied with this projector as standard.
- Please pay attention to protect the light machine, do not wipe the light lens.

## 10 Specification

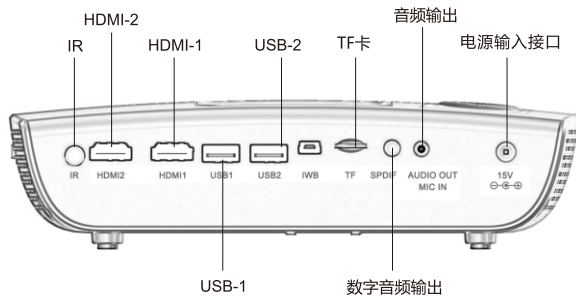
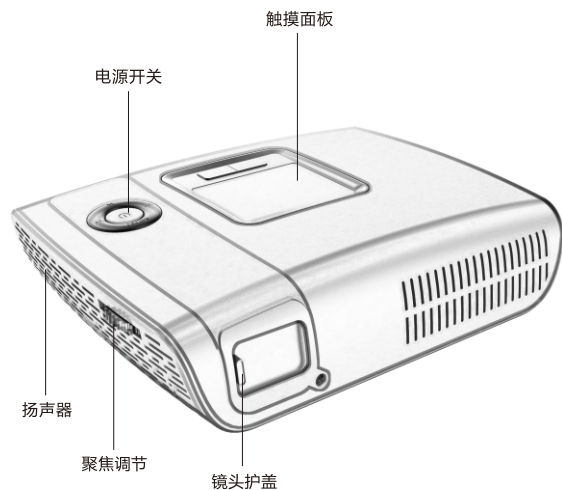
Item	Specification
Model no.	Micro Intelligent Projector F20
Product type	Household projector; business projector; LED projector
Projection technique	RGB-LED/DLP
Display chip	DLP imaging, 0.45 DMD imaging chip
Illumination	2000 lumen /500ANSI
Contrast	3000:1
Standard resolution	1280*800
Max resolution	4096*2160
Brightness mode	Support (high /mid/ low brightness adjustment)
Color number	10.7 billion color
Color parameter tuning	Adjust (height, contrast, saturation, sharpness)
Lamp life	>30000h
Projective dimension	30-350inch
Projective ratio	1.2 : 1
Trapezoidal correction range	±50degree
Screen scale	16:9/4:3
Off-axis projection	100% offset(flat desktop without occlusion )
Zoom	20%
Projection mode	Front projection, rear projection, hanging projection
Wireless access	Android equipment: Security superior 4.2 Miracast protocol, DLNA protocol, Win8.1 wireless connection Apple Devices: Airplay protocol, Windows devices: WIN8.1 wireless connection, WIN7 can install software to make wireless connection
Input interface	USB*2,TF card*1, HDMI*2, MIC*1
Output interface	1*3.5mmearphone interface, SPDIF(fiber digital), Bluetooth output
Network intelligence	Built in Android system, 2.4G/5G network, office file direct reading, high-definition video playback, online video playback
Processor	(8 CPU+8 GPU)
Operation system	Android
Control way	Touch panel, remote controller, mouse, mobile phone remote control
Bluetooth	Yes
WIFI network	Support 802.11b/g/n(2.4G+5G)
Speaker	8Ω 3W*2
Power	30W, Standby power: less than 1W
Power performance	AC100-240V, 50/60HZ, input DC15V/4A
Built-in battery	polymer 15000mAH
Product size	214.5x156x56mm
Main body weight	980g
Working temperature	0-35degree
Working humidity	0%-85%



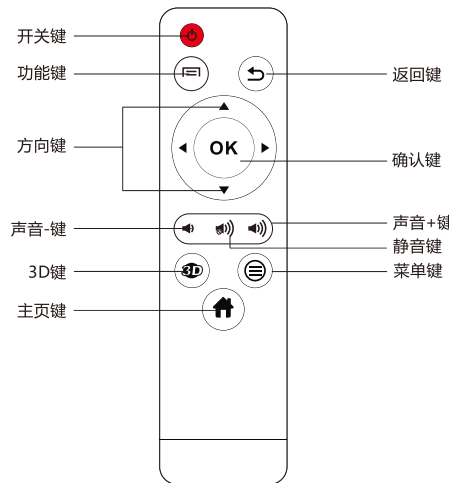
## 智能微型投影机F20操作指南



### 一 产品概况



### 二 遥控器按键



### 三 产品配件清单



### 四 产品充电

将电源适配器一端连接至投影机的DC电源的端口, 另一端连接至AC电源线。

- 1、投影机充电3小时即可完全充电完毕, LED灯将关闭。
- 2、谨慎使用其他电源适配器供电。

### 五 开关机方式

打开电源开关, 按下“开机键”即可开机。关机同理。

### 六 连接网络

进入投影机系统设置, 点击网络设置进行网络连接、AP热点网络等功能设置。

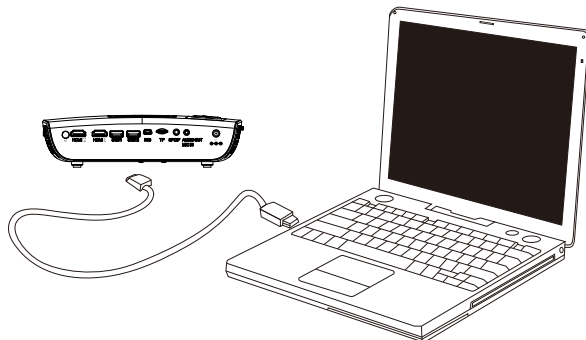
### 七 光机设置

进入投影机系统设置, 点击光机设置进行梯形校正、电子变焦、安装模式等功能设置。

### 八 连接外设参考

本投影机可同时连接到多种设备, 包括HDMI信号设备、VGA信号设备、复合视频信号设备、内置有USB盘播放器、TF卡播放器、安卓系统, 但每次只能显示一个接入设备或其中一种内置信号的图像。

具体操作将对应的连接线接入相关接口, 打开对应接收端, 调试好相关输出设备后系统将自动搜索相关输入信号, 并将画面显示到投影屏幕上。



### 九 连接电脑

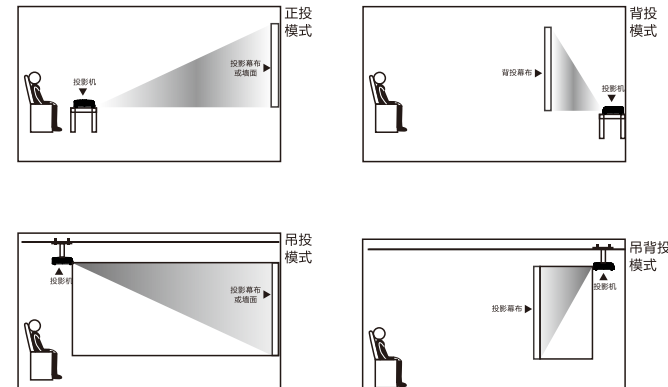
由于每个品牌的电脑的功能键所在位置不同, 大家根据自己的笔记本电脑可以对照下面的说明进行切换:

东芝(FN+F5) IBM(FN+F7) HP惠普(FN+F4) 方正(FN+F3) 三星(FN+F3) 松下(FN+F3) 苹果(FN+F8) NEC(FN+F4) 戴尔(FN+F8) 弘基(FN+F5) 联想(FN+F3) 明基(FN+F7) 华硕(FN+F9)

还有几款笔记本电脑的切换键需要用鼠标来进行切换; 方法: 单击鼠标右键, 将光标移动到“图形选项”, 在出现的对话框中选择“输入至”, 再将光标移动到“Inter双显示制”, 最后点击“显示器+笔记本电脑”。

Win7、Win8系统部分笔记本支持“WIN+P”键进行切换, 切换到“复制”状态即可。

### 十 投影模式



### 十一 日常保养事项

- 1、投影机使用过程中需要平置在不易掉落的位置。
- 2、投影机使用过程中需通风、干燥的环境。
- 3、投影机镜头由树脂材料构成, 请勿轻易触碰。
- 4、投影机关机充电时, 投影机电源开关需置于OFF位置。

### 十二 产品规格

项目	参数
产品型号	安卓智能投影仪
产品类型	家用投影机; 商务投影机; LED投影机
投影技术	RGB-LED/DLP
显示芯片	DLP成像0.45 DMD成像芯片
照度	2000流明/500ANSI
对比度	3000:1
标准分辨率	1280*800
最大分辨率	4096*2160
亮度模式	支持(高中低亮度调节)
色彩数	10.7亿色
色参数微调	可调整(高度、对比度、饱和度、锐度)
灯泡寿命	大于30000小时
投射尺寸	30-350寸
投射比	1.2:1
梯形校正范围	±50度
屏幕比例	16:9/4:3
偏轴投影	100% offset(平置桌面无遮挡)
变焦	20%
投影方式	正投, 背投, 吊投, 吊装背投
无线接入式	安卓设备: 安卓越4.2以上Miracast协议, DLNA协议, Win8.1无线连接 苹果设备: Airplay协议 Windows设备: WIN8.1无线连接, WIN7可装软件无线连接
输入接口	USB*2, TF卡*1, HDMI*2, MIC*1
输出接口	1*3.5mm耳机接口, SPDIF(光纤数字), 蓝牙输出
网络智能	内置安卓系统, 2.4G/5G网络, 办公文件直读, 高清视频播放, 在线影视播放
处理器	(8 CPU+8 GPU)
操作系统	Android
控制方式	本机触摸板, 遥控器, 鼠标, 手机遥控
蓝牙	支持
WIFI网络	支持802.11b/g/n(2.4G+5G)
扬声器	8欧3W*2
整机功率	30W, 待机功率: 小于1W
电源性能	AC100-240V, 50/60HZ, 输入DC15V/4A
内置电池	聚合物 15000mAH
产品尺寸	214.5x156x56mm
主机重量	980g
工作温度	0-35度
工作湿度	0%-85%