

The user manual of the Intelligent projector

Product name: Intelligent projector

Trade: MDI

Mode: M7

FCC ID: 2AGYM-M7

Operating Instructions

Thank you for purchasing our projector – you can now enjoy your new device and its wide variety of functions! Before operating your new device, please thoroughly read through this manual and retain it for future reference. It is important that you follow all safety instructions carefully to ensure proper operation of your device. If there are any discrepancies between this manual and your product, please contact our customer support service.

Safety Precautions

In order to ensure your safety, as well as the maximum longevity of your device, please take note of the following precautions:

- Do not connect any defect cables, accessories or other defected external devices
- Ensure the device is switched off and disconnected from the power supply before cleaning. Use a soft, lint-free cloth for cleaning. Never use liquids, gaseous or easily flammable cleansers (sprays, abrasives, polishes, alcohol).
- Ensure no moisture ever leaks into the interior of the device – if it does, switch off the device and disconnect it from the power supply immediately.
- Always handle the product with care.
- The device can become hot when used for extended periods of time – do not stand the device on any parts of your body to prevent discomfort or injury arising from contact with the device.
- Avoid touching the lens.
- Never place heavy or sharp objects on the device or the power cable.
- Prevent the device from coming into contact with direct sunlight, heat, temperature fluctuations, and moisture. Do not place the device next to heaters or air conditioners.
- Do not use the device during thunderstorms.
- Do not make any repairs to the device by yourself. Improper maintenance can result in injuries or damage to the device. Have your device repaired only by an authorized service center.
- Do not remove the type label from your device; this will void the warranty.
- Do not place the device on fabric surfaces such as tablecloths or carpets and do not cover the ventilation slits. This may cause the device to overheat.
- The ideal functioning temperature for the device is between 5°C to 40°C.
- Use only the power adapter provided. Check whether the electrical voltage of the power supply matches the electrical voltage available at the setup location.

Risk of Eye Damage

This device is equipped with a high power LED (Light Emitting Diode), which emits very bright light. Do not stare directly into the projector lens to avoid eye injury or irritation.

Transportation Precautions

- Disconnect all peripheral devices from the projector before transport.
- Confirm the projector is switched off before transport.

- Ensure the projector is well protected and packaged before transportation.

Installation Steps

1. Plug in to the mains, and the standby light will come on. Then turn the projector on.
2. Place the projector on the desired surface, and adjust the focus wheel accordingly. Note: The ideal size of the projected image is between 80 to 120 inches (to a maximum of 147 inches). The corresponding projection distance is around 2 meters. The ideal viewing distance is about 3 meters from the screen.
3. If required, connect to a WIFI network through the “network settings” menu.
4. Control the projector using a mobile phone, or the remote control.
5. You are now fully set up – enjoy!

FAQ

Q: What do I do if the projector does not turn on?

A: Connect your computer or a compatible power supply to recharge the internal battery. Make sure the projector is turned off during charging.

Q: What do I do if the image is not focused or not clear?

A: First, ensure the projector is horizontal at an appropriate distance from the screen, then manually adjust the focus wheel slowly until the images are clear.

Q: What do I do if the image appears skewed or upside down?

A: Ensure the projector is placed horizontally on a flat surface; if inverted, select the “Screen Flip” option under the “Set Up” menu.

Q: What do I do if the screen isn't fully visible when it connected to a PC?

A: It is probably an incompatibility with the resolution – adjust the computer resolution accordingly.

Q: What do I do if the projector can't connect to WIFI?

A: Either, a) ensure you entered the correct password;
Or b) make sure that the SSID of the WIFI does not include special characters or symbols, and the password is at least 8 characters long, and that other devices can connect to the WIFI;
Or c) Try to connect the projector to another WIFI network; if it connects, try connecting your router.

Q: What do I do if my phone or other device cannot find the projector?

A: The mobile phone and the projector should be connected to the same WIFI network.

Q: How do I upgrade the firmware?

A: Under the network status, the following operation can complete the upgrade: Settings - other settings - system upgrade - online update.

Q: What do I do if there is no sound from the external connected device?

A: Either, a) Check the setting up of volume on the external device.

Or b) Reconnect your external device with projector.

Power Cycling

If a problem occurs that cannot be corrected with the instructions in this user manual (see also the help below), follow these steps:

- 1 Switch the device off using the on/off switch on the top.
- 2 Wait at least ten seconds.
- 3 Switch the device on again.
- 4 If the problem persists, please contact our technical customer service or your retailer.

Note:

The projector has a built-in fan for heat dissipation to reduce the temperature of the device. It is normal if there is a slight sound when the fan is running.

Specification

Display Technology:	DLP	Video Format:	RM,RMVB,AVI,MKV,WMV,VOB,MP4
Light Source & Lifespan:	OSRAM LED (Up to 30,000 hours)	Music Format:	MP3,WMA,AAC
Brightness:	Real 55 ANSI Lumens	Picture Format:	JPEG,BMP,PNG
Display Sharing:	Support Airplay/MiraCast	CPU:	Quad-core 1.5GHz
OS:	Android 4.4.2	GPU:	Quad-core
WIFI:	2.4G	Bluetooth	4.0
Ram:	1G DDR3	Built-in Memory:	8G
Resolution:	854*480 (Support 1080P)	Port:	HDMI/MHL/AV/VGA/USB/Micro USB/Micro SD card(TF)
Focal length:	70mm	Built-in Speaker:	1W*1
Projection Size:	36"-112" (1M-3M)	Power Consumption:	12W
Aspect Ratio:	1.19:1	Built-in Battery:	2500mAh
Contrast ratio (FIFO):	< 3000:1	Operating Voltage:	DC 5V /2.5A
THD:	< 1.0%	Dimension:	110mm*95mm*21mm
Uniformity:	> 85%	Weight:	225g

External Description

Front view:

H: LED Lens

I: Ventilation slits

Rear view:

J: Audio Out

K: HDMI

L: USB

M: Remote Control receiver

N: DC-In (power input port)

Left-side view:

O: Switch key (Switch between projector and power bank mode)

P: Air Inlet

Q: Manual focus wheel (adjust screen sharpness)

Right-side view:

R:TF card (Micro SD card)

Note:

1. Insert the TF card into the TF card slot.
2. When the projector is functioning, do not unplug the TF or USB disk to avoid data corruption or loss.
3. Tap the TF card first and then remove

Power Button

Any device with discharge function can charge the projector. In switched off condition, charging the projector takes about 150 minutes.

The power button lights red during charging. When the battery is full, the power button lights in red and blue color.

The Projector's working time is about 110 min with a fully charged battery.

This projector can be used as a power bank to charge other digital devices via the USB cable.

Please switch the selection key to charging mode and then connect the projector to the device. If you need the projector to project at the same time, please press the power button on.

USB instruction

USB port at the back side

USB stick (not included)

Max. 32GB

*Other digital device can be charged through the USB port.

The projector support projection of video/music/picture/text which are stored on an USB stick.

TF(Micro SD card) instruction

The projector support projection video/music/picture/ text which are stored on a TF(Micro SD card).

TF(Micro SD card) port at the side

TF(Micro SD card) (not included)

Max. 32GB

Data Transmission and Display-Sharing Function

Connecting with your iPhone:

1. Turn on the projector and connect it to the WIFI. Ensure your iPhone is connected to the same WIFI network.
2. Choose the Airplay option on your iPhone. It should automatically search for the wireless account of your M1 projector which is named "ITV@". Click on it to connect to your iPhone to enjoy playing games, watching films, and viewing documents on a big screen!

Connecting with Android phone:

1. Turn on the projector and connect it to the WIFI. Ensure your Android phone is connected to the same WIFI network.
2. Choose the MiraCast option on the projector and your Android phone. The phone will automatically search for the wireless account of the M1 projector which is named with "ITV@". Click on it to connect to your Android phone to enjoy playing games, watching films, and viewing documents on a big screen!

Video playback

Thanks to the great local playback function, you only need to connect the projector to a USB disk to easily play all kinds of audio and video files. This projector can support 1080P, Blu-ray and other HD video files for an even more impressive and immersive visual experience.

Display sharing via WIFI

If your smart devices do not support Airplay or Miracast, you can download the free EzCast App. After connecting your smart device to the projector, you can use it to enjoy playing games, watching films, and viewing documents on a big screen!

WIFI

Your projector supports 2.4G WIFI, means that you can watch videos on the big screen via a WIFI connection in any room at home.

Choose WIFI in the "Settings" option, select the WIFI account which you want to connect to. After connecting successfully, you can enjoy a free online video viewing experience.

Bluetooth

The projectors support Bluetooth. They can be linked with your Bluetooth devices – such as home theatre

speakers, mini Bluetooth speakers, the Bluetooth GamePad, game guns, etc.

More features

For more detail on using the full features of projectors, please look at our official website at www.szmdi.com.

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FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct

The interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help

This device complies with Part 15 of FCC Rules.

Operation is subject to the following two conditions:

This device may not cause harmful interference, and this device must accept any interference received, including interference that may cause undesired operation.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate this equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

You can search more information form the webpage: <https://www.fcc.gov/>