digitech

Portable HD LED Projector
with HDMI/USB and AV

Model:
AP4016

Instruction Manual

Contents

Important Safety Instructions

● Please use the included AC power cable to power the machine. Only use the included accessories specified by the manufacturer.

● It is normal for the machine to generate heat during operation. To prevent overheating, do not block the ventilation openings.

● CAUTION: Do not look straight into the projector lens while on, as it may cause serious eye damage. Do not touch the lens.

● Clean only with a dry cloth.

● To reduce the risk of fire or electric shock, do not expose the device to rain or moisture. Objects filled with liquids, such as vases, should not be placed on these devices, as it may lead to potential accidents that damage the device.

● Protect this device from overexposure to direct sunlight, heat, big temperature fluctuations, and moisture. Avoid extreme temperatures. The suitable operations and storage temperature for this device and its accessories are 0°C to 35°C / 0°F to 95°F.

● Avoid any type of impact, as it may damage the internal components.

● Do not make any repairs to this device by yourself. Our company will not cover the warranty if self-repair efforts were undertaken.

● Please contact the seller for technical support when the product has any type of problem, Contact details are revealed at the end of this manual.

FCC Warning

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, 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.

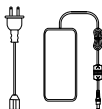● Consult the dealer or an experienced radio/TV technician for help.
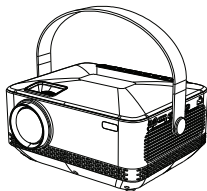
Projector

Remote Control
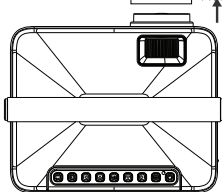
Power Adapter

User Manual

Lens Cover

Note: The accessories are at the bottom of the package

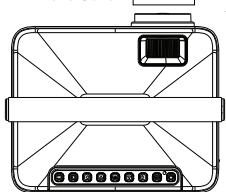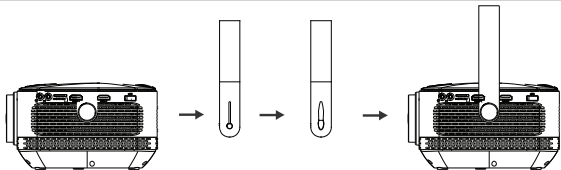Remove the lens cover before us ng

Lens Cover — Remove

Close the lens cover when un t not us ng

Lens Cover — Close

Fix the handle nn the unit

Take out the handhe tape, and fasten on the button on each side of unit.

TURN ON

1)Turn on the power switch [ON] at the bottom.
plugged in the DC jack to this unit, the indicator light 2:
Red. (When this red LED is on that means it's charging
for the internal battery. When the battery is full, the red
LED will turn to green. when it is in the state of low
power, the LED light 3 will turn Blue .And please
charge the unit immediately when blue LED light on.(If
used at home, it is recommended to plug in the power
adapter).

2) Press the power button [⏻] Indicator light 1: Green.

3) The projector turned on and the screen will be on after
5 seconds.

Note：

Please make sure that battery is fully charged before use
this battery playback. Normally it needs to charge over 5
hours in the off mode.

TURN OFF

1: Turn off the power button[⏻] .

2: Turn off the power switch[OFF]   .

3: Unplug the power adapter.

Note：

Please turn off the projector before unplugging the power source, so as not to affect the life
and operation of the projector.

Mains Socket

LED light 2

LED light 3

Power Switch
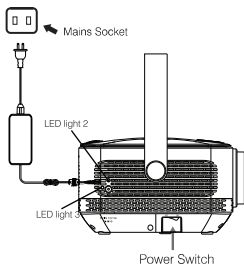
Projection Distance	1m	2m	3m	4m	5m
Projection Size	30 inch	68 inch	98 inch	120 inch	150 inch
Light, brightness, etc. will affect the projection distance, this data is for reference only.					
Projection Position					
It is recommended to place the projector in front of the center of the screen.					

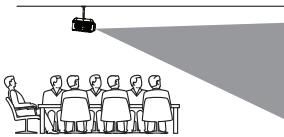Square / Rectangle
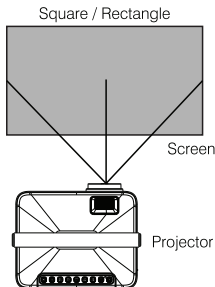
Screen

Projector

Viewing Options

The projector can be used to project onto a wall or screen, mounted from the ceiling or on a table, When projecting from the rear position, a special screen will be needed (not included) to display the image. Be sure to aim the remote at the sensor on the front or rear of the projector.
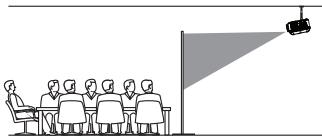

Front Table


Rear Ceiling

Front Ceiling

Rear Ceiling

Placing Your Projector On Ceiling

When installing the projector in the ceiling, please purchase a projector mount recommended by an installation professional and follow the instructions that come with the mount.

Before installing the projector in the ceiling, please check to make sure the ceiling structure can support the weight of the projector and the mount. If in doubt, please ask the advice from an installation professoral.

NOTE: Projector mount and screw(s) not included

CEILING   HANGER

FIXED HANGER HOLE
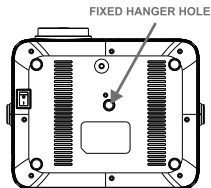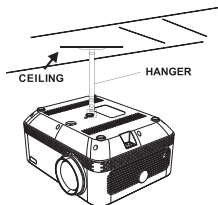
Adjust the Vertical Location

Follow below picture to adjust the vertical location
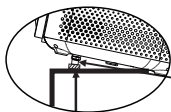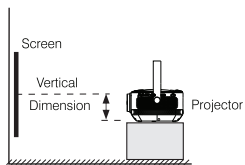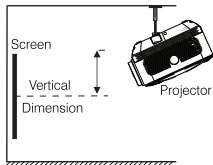
Adjust this knob(ANGLE ADJ.knob)
to ﬁne-tune the display angle to higher
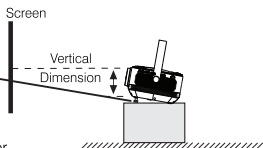
Adjust the Focus and Keystone

As shown in Picture, adjust the lens focus wheel until you get a clear picture.
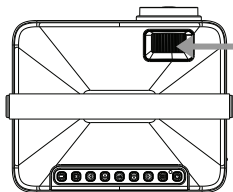
Swipe to adjust focus

Keystone Correction

Press 'Menu' key from the remote or the unit to select 'Option'

-Click "Keystone Correction"

Functional Overview

Source UP Right Power On/Off

Return Left OK Down Menu LED light 1

IR

Lens Height Adjustment Knob

LED light 2

LED light 3
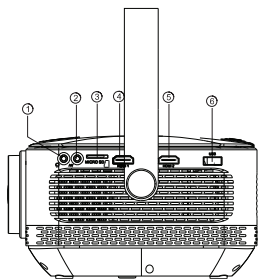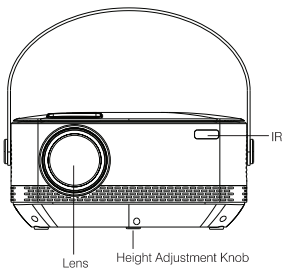
① Audio Out Port   ② AV IN Port
③ Micro SD Port   ④ HDMI Port 1
⑤ HDMI Port 2   ⑥ USB Port

Power Switch

Controls of Remote

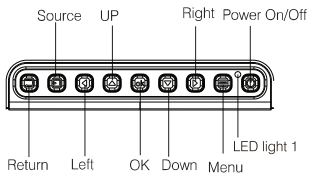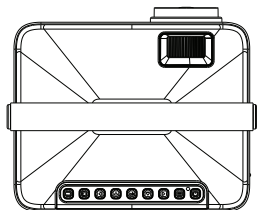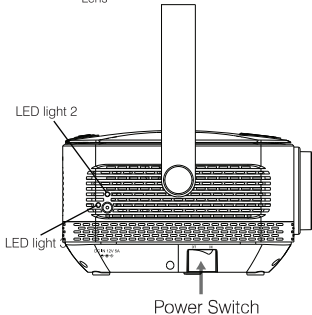|		
⏻ Power	Press to power ON. Press and hold to power OFF.
⏮⏭ Previous/Next	Press to skip between chapters or tracks
■ STOP	Press to stop playback
FLIP	Press to flip display image 180°
⏯ Play/Pause	Press to play or pause an individual chapter or track
Arrows/OK	Press to navigate and confirm selections in Settings and other menus
MENU	Press to access projector Settings
GoTo Number Keypad	Press to enter specific chapter or track numbers. Use play button to begin playing
MUTE	Press to mute volume
◀◀ ▶▶ back/fwd	Press to search through an individual chapter or track
VOL+/VOL-	Press to adjust audio level.
SOURCE	Press to select media source (AV, HDMI, MEDIA).
EXIT	Press to exit menus.
ZOOM	Press to adjust the aspect ratio 16:9 / 4:3/Auto) during playing video from USB/SD/HDMI.

Install Remove Battery Of Remote

Remove the battery compartment cover on the back of your remote by carefully sliding to open. The battery cover can then be lifted away. Fit the correct batteries (2XAAA batteries not included), referring to the polarity markings. Finally, replace the cover.

NOTE:
• Batteries shall not be exposed to excessive heat such as sunshine, fire.
• Make sure that the batteries are installed polarity correctly.
• Only same or equivalent type batteries as recommend are to be used.
• Do not dispose of batteries in fire, battery may explode or leak. Do not try to recharge a battery.
• Do not mix old and new batteries.
• Do not mix alkaline, standard(carbon-zinc), or rechargeable (ni-cad,ni-mh,etc) batteries.

BATTERY DOOR

AAA / UM4

AAA / UM4
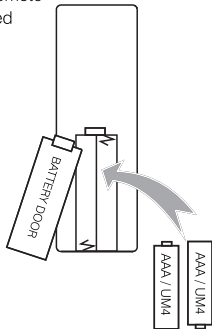
Built-in Rechargeable Lithium Battery

1. When using the remote controller, please make sure that the signal transmitter of the remote controller aims at the infrared signal receiver of the projector (front or rear)
2. If you are not using the remote controller for an extended period please take out the batteries(Battery on include) to prevent batteries leakage.
- Battery capacity: 7.4V/9800mAh.
- Battery properties: Polymer lithium battery
- Playing time: 1.5-2 hrs
- Charging time: 5 hrs
- Charging time during playback: 8 hrs
- Indicator light: Charging - Red light；Fully Charged - Green light

Notes:
- The above parameters are tested by engineers and are for reference only.
The actual parameters depend on the brightness of the environment, temperature, battery consumption, etc.
- Please use the machine principle as a heat source.
- In order to prevent excessive current from causing damage to the machine, please pay attention to the current and voltage before charging, Avoid overcharging.
- Batteries are dangerous goods. If you have any questions about charging,
it's recommended to contact our technical team directly through the last page.

Connection fnstructions
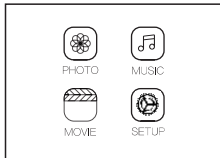
Select an input source
You will see the picture below when the projector is turned on.
You can choose between the different input sources (AV/HDMI1/HDMI2/ Media Player) by pressing the " Source " button at the projector touch panel, or remote controller.
You can connect different devices with the projector, according to the follow ng connect on instructions.

Interface
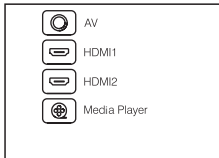
Source

Multimedia connection

Insert USB / Micro SD card (TF card) into the corresponding slots (as shown in the picture).
Choose Media source, Select " Video ", " Music ", " Picture " to enter the content you want to
play.
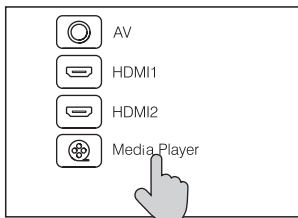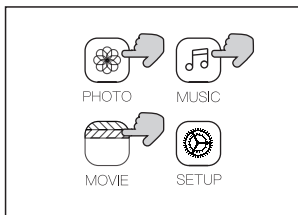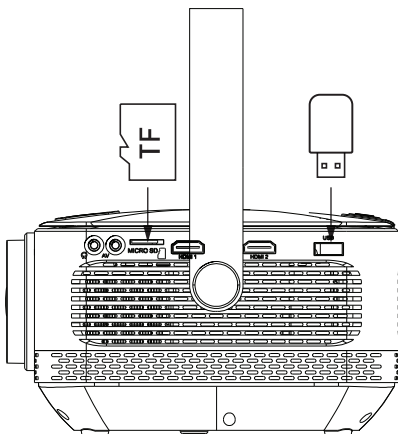
HDMI device connection

The projector can connect to devices with HDMI Input function. It's compatible with laptops, DVD players, Blu-ray players, Chromecast, TV Stick, etc. An HDMI cable is excluded.

The projector is equipped with 2 HDMI Input ports,

①If you connect your devices to the projector via "HDMI1" port, please choose "HDMI 1" Input source.

②If you connect via the " HDMI 2" port, please choose the " HDMI 2" Input source.
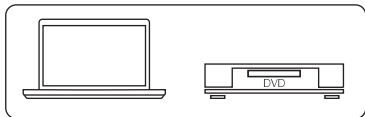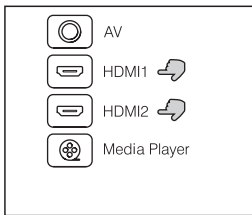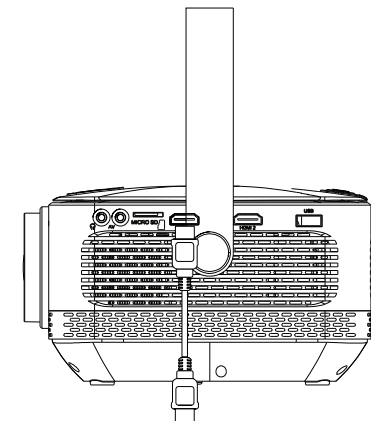
AV video device connection

Connect the projector AV interface with the AV cable (Not include), as is shown in the pictures.

AV	
HDMI1	
HDMI2	
Media Player	

Video Cable : YELLOW
Audio Left Channel: WHITE
Audio R ght Channel: RED

AV OUT

Portable DVD Player / Video Player

Projector

Female AV Cable(not included)

Male AV Cable (not included)
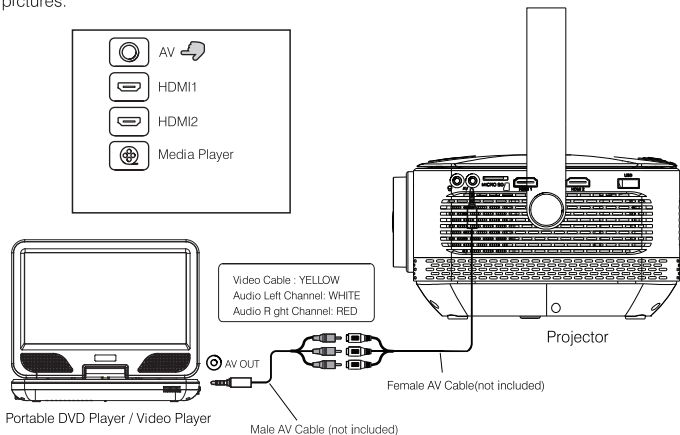
Audio devices connection

The projector can connect to a headphone and to a wired audio system using a 3.5mm jack (not include)
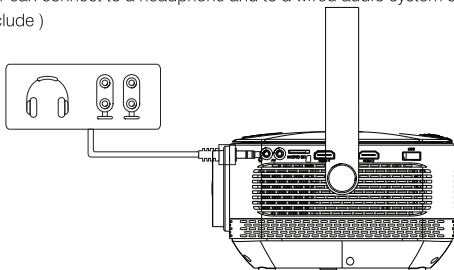
Using Bluetooth playback

Bluetooth On/Off	Bluetooth is OFF by default when the projector first powers ON
Pairing to Bluetooth Wireless Speaker	Turn on Bluetooth. The projector will begin searching for a nearby Bluetooth device，choose one and connect successfully.
	When successfully connected, the projector will display the Bluetooth name on the top right portion of the Main Menu screen, and ou will be heard through the Bluetooth receiver

Attention

The Bluetooth function only supports audio devices.
Smart phone, tablet, or computers can not connect to the projector！！！

About automatically connect.
After the initial pairing, The device will keep the pairing status all the time when Bluetooth functions for both devices are opened.
To ensure that you can hear from the projector next time, we suggest that turn off the Bluetooth function before the turn off the projector.

When you try to connect a new blue tooth speaker
please turn off the previous speaker /headphone and re-search your new Bluetooth device for connecting.

FAQ

Q: Why can my projector not be turned on?

A: Please be sure that the AC power cable is plugged in tightly, and press the power switch on the projector's panel or use the remote controller to turn it on.

Q: The projector is turned on, but no image is displayed

A: ①Please make sure your device is connected to the projector correctly.
②Check the lens cover has been removed.
③Check if the input signal source is correct, and then switch into projection mode,
Wait for a while and operate it again.
④Please make sure that the video source is equal or under 1080P.
⑤ If it is still not working, please contact us for further support.

Q:The Lamp (Bulb) switches off after a period of time.

A:1. Leave the projector to cool for a few moments.
2. Once cooled, check if anything is blocking the ventilation vents.
3. Turn on the projector.
If the issue persists please contact us.

Q: When playing a video, is see the image but I hear no sound

A: If you connect to your laptop via a HDMI adapter. The audio cable of the adapter needs to be plugged into the audio output port from your laptop to the projector using a 3.5mm audio jack.

Q: The projection is not bright enough

A: We recommend using the projector in a relatively dark environment to bring out the best image brightness.
This project is designed for Home Entertainment and s not recommended for Power point or other business presentations.

Q: Spots on the screen.

Using a vacuum cleaner to dean the lens. If cleaning does not resolve things, please contact your support provider for further assistance.

Q: I get a blurry image?

A: The recommended projection distance is 3-9ft. Please adjust the Keystone correction to get a rectangular image first, then adjust the Focus to get a clear image.
The optimal focus is obtained when the pixels are clearly visible. If the projection size is too large, the focus near the screen edges may be less sharp than at the screen center.

Q: My projector noise is too loud, is it broken?

A: The projector noise comes from the fan of its cooling system . Projector generates heat during operation as the light bubble produces strong light to make a bright image. It is normal for the projector to make a loud noise. Brighter the image .louder the sound is. You can place the projector far from where you are, or you can connect a louder speaker to the projector to cover up the noise.

Q: Can you adjust the brightness/Sharpness of the video?

A: Path: Set up (Click "Source")-Picture-Picture Mode(Choose "User")-Adjust via remote control .For non-professionals, we recommend using the default value.

Specifications

Light Source Type	LED
Display Native Resolution	1280 x 720
Supported Video Resolution	1080p, 1080i,720p, 576i,480p,and 480i
Power Input Connect Included Adapter	DC 12V 5A
Included Adapter Connect DC input of the unit	Input AC100-240V , 50/60HZ; Output DC12V , 5A
Display Color	7000K~8000K
Keystone	±45
Connect Types	HDMI / USB / Micro USB(TF) / AV / Audio
Input	HDMI*2 / AV*1 / Micro USB(TF) *1 / USB*1
Output	Audio Out *1/Bluetooth
USB Port	Support USB device up to 1000GB
SD Card	Support SD card up to 1000GB
Supported image format	*.jpg*.png*.bmp
Supported audio formats	*.mp3*.wma*.ogg*.aac*.flac
Supported video formats	.avi*.flv*.rmvb*.mkv*.mp4*.3gp*.mov*.mpg*.mpeg*.ts*.tp*.vob
Weight	1.42kg
Dimension	254*197*109mm
Brightness output	White light output ANSI :90 Lumens

Ideal for dark viewing environments for optimal performance.
Please note: Projector brightness is measure in ANSI lumens.
Your viewing environment is the deciding factor on how many lumens your projector needs.