

BYINTEK BT140

BYINTEK BT140 WiFi Projector User Manual

Model: BT140

1. INTRODUCTION

Thank you for purchasing the BYINTEK BT140 WiFi Projector. This manual provides essential information for setting up, operating, and maintaining your projector. Please read it thoroughly before use to ensure proper functionality and to extend the lifespan of your device.

2. SAFETY INFORMATION

To prevent fire, electric shock, or injury, please observe the following safety precautions:

- Do not look directly into the projector lens when the lamp is on. The intense light can cause eye damage.
- Ensure proper ventilation. Do not block ventilation openings. Overheating can damage the projector.
- Place the projector on a stable, level surface to prevent it from falling.
- Keep the projector away from water, moisture, and flammable materials.
- Use only the power adapter supplied with the projector.
- Do not attempt to repair the projector yourself. Refer all servicing to qualified personnel.
- Unplug the projector from the power outlet during lightning storms or when unused for long periods.

3. PACKAGE CONTENTS

Please check that all items are present:

- BYINTEK BT140 Projector
- Power Cable
- Remote Control
- AV Cable
- User Manual (this document)

Note: Specific accessories may vary slightly depending on the region or retailer.

4. PRODUCT OVERVIEW

Familiarize yourself with the projector's components and interfaces.

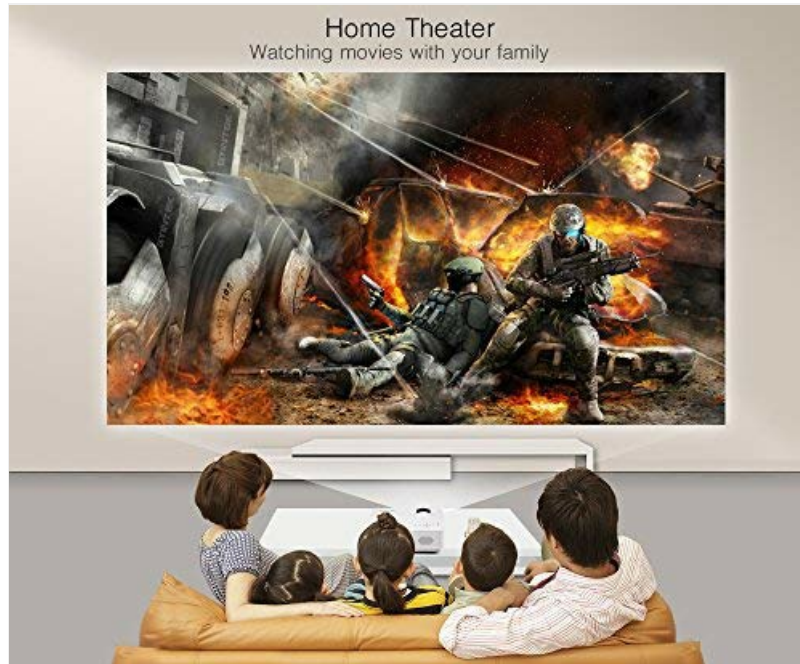


Image: Front view of the BYINTEK BT140 Projector, showing the lens and ventilation grilles.

Interfaces:

- **HDMI:** Connect to devices like laptops, Blu-ray players, gaming consoles.
- **USB:** Connect USB drives for media playback.
- **SD Card Slot:** Insert SD cards for media playback.
- **AV:** Connect to older devices using the included AV cable.
- **VGA:** Connect to computers with a VGA output.
- **Audio Out:** Connect external speakers or headphones.



Image: Diagram illustrating various devices compatible with the BYINTEK BT140 Projector, including laptops, smartphones, tablets, gaming consoles (PS4, PSP), desktop computers, headphones, audio equipment, and HD media players, connected via HDMI, USB, SD, AV, and VGA ports.

5. SETUP

5.1 Placement

Place the projector on a stable surface. The recommended projection distance is 1.5 to 2.5 meters for an optimal screen size of 50 to 80 inches. The projector supports image sizes from 34 to 100 inches.

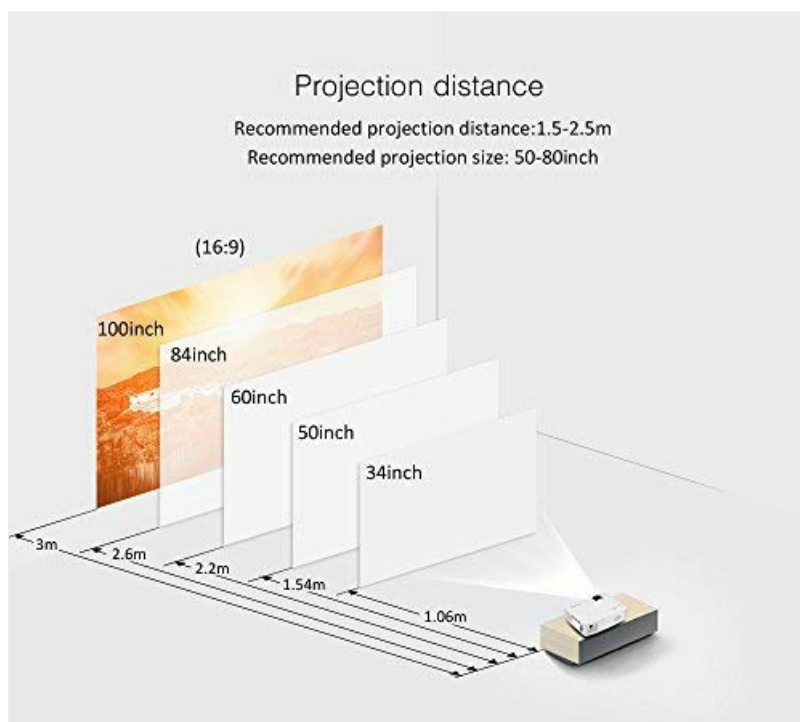


Image: Diagram showing recommended projection distances and corresponding screen sizes for the BYINTEK BT140 Projector,

ranging from 34 inches at 1.06m to 100 inches at 3m.

5.2 Power Connection

1. Connect the power cable to the projector's power input port.
2. Plug the other end of the power cable into a wall outlet.

5.3 Connecting Devices

- **HDMI:** Connect an HDMI cable from your source device (e.g., laptop, game console) to the projector's HDMI port.
- **USB/SD:** Insert a USB drive or SD card into the respective port for direct media playback.
- **AV/VGA:** Use the appropriate cable to connect older devices.

5.4 Focus Adjustment

Rotate the focus ring on the projector lens until the projected image is clear and sharp.

5.5 Keystone Correction

If the projected image appears trapezoidal, adjust the keystone correction dial (usually located near the lens) to square the image. The projector supports vertical keystone correction of ± 15 degrees.

5.6 Wireless Connection (Airplay/Miracast)

The BT140plus model includes a built-in wireless push module supporting Airplay and Miracast functionality for wireless connection to smartphones, tablets, and iPads. Refer to the on-screen instructions for pairing your device.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

- **Power On:** Press the power button on the projector or the remote control.
- **Power Off:** Press the power button again. Confirm shutdown if prompted.

6.2 Input Source Selection

Use the "Source" button on the remote control or the projector's control panel to cycle through available input sources (HDMI, USB, SD, AV, VGA, Wireless).

6.3 Media Playback (USB/SD)

When a USB drive or SD card is inserted, the projector's multimedia interface will typically appear. Navigate through folders and select your desired media file (videos, photos, music) using the remote control.

- **Supported Video Formats:** RMVB/RM (Realvideo2.0/3.0/4.0), AVI (Xvid/H264), FLV (Sorenson H.263), MOV (H264), MP4 (MPEG4, AVC), MPG (MPG1)
- **Supported Audio Formats:** MP3, WMA, AAC, AC3

7. MAINTENANCE

7.1 Cleaning the Lens

Use a soft, lint-free cloth or lens cleaning paper to gently wipe the projector lens. Avoid using abrasive cleaners or excessive force, which can scratch the lens.

7.2 Cleaning the Projector Body and Vents

Wipe the projector's exterior with a soft, dry cloth. Use a small brush or compressed air to clear dust from the ventilation openings to ensure proper airflow and prevent overheating.

7.3 Lamp Life

The BYINTEK BT140 uses an LED lamp with an estimated lifespan of 20,000 hours, significantly reducing the need for lamp replacement compared to conventional lamps.



Image: Comparison showing the BYINTEK BT140's LED lamp with 20,000 hours lifespan versus conventional lamps with 3,000 hours lifespan, highlighting the maintenance-free aspect of LED technology.

8. TROUBLESHOOTING

If you encounter issues with your projector, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
No image on screen	<ul style="list-style-type: none">• Ensure the projector is powered on.• Check all cable connections (HDMI, VGA, AV).• Select the correct input source using the "Source" button.• Adjust focus and keystone.
Image is blurry	<ul style="list-style-type: none">• Adjust the focus ring on the lens.• Ensure the projection distance is within the recommended range.

Problem	Possible Cause / Solution
Image is trapezoidal	<ul style="list-style-type: none"> Adjust the keystone correction dial. Ensure the projector is placed perpendicular to the screen.
No sound	<ul style="list-style-type: none"> Check the volume settings on both the projector and the source device. Ensure audio cables are correctly connected if using external speakers. Verify the audio output settings on your source device.
Remote control not working	<ul style="list-style-type: none"> Check and replace the batteries. Ensure there are no obstructions between the remote and the projector's IR receiver.

9. SPECIFICATIONS

Below are the technical specifications for the BYINTEK BT140 Projector:

Technical specifications			
Display Tech	3.97inch LCD		
Native Resolution	800x480		
Brightness	1900 Market lumens ,150 ANSI lumens		
Contrast Ratio	1800:1		
Image Reverse	Yes		
Manual Focus	Yes		
Aspect Ratio	16:9/4:3		
Lamps Type/Life	LED 20,000Hrs		
Power Consumption	60W		
Picture Size	30-100inch		
Projection Distance	0.95m-3m		
Keystone	vertical ±15 degree		
Noise	28DB		
Remote Control	Yes		
Built-in Speaker	Yes		
Interface Input	HDMI/USB/SD/AV		
Output	Audio out		
Working Voltage	110-240V / 50-60Hz		
Projector Size	208x166x78mm		
Accessories	Power Plug,Remote control,AV cable,Manual		
N.W./G.W. Per Package	1KG/1.40KG		
Language	23types, esky,English,Franais,dansk,Español,Hrvatski,Deutsch,EA/ἑλληνικά,Italiano,Magyar,Polski,Româneie,Nederlands,Português,Slovenina,Norsk ,pycckaa, Srpski, Suomi, Svenska,Български,Chinese,繁体中文		
The difference between the three models			
Model NO.	BT 140	BT 140android	BT 140plus
Native Resolution	800*480	800*480	800*480
Max. Resolution	1920*1080	1920*1080	1920*1080
Interface Input	HDMI/USB/SD/AV/VGA	HDMI/USB/SD/AV(No VGA)	HDMI/USB/SD/AV/VGA

Image: Table detailing the technical specifications of the BYINTEK BT140 Projector, including display tech, resolution, brightness, contrast, aspect ratio, lamp life, power consumption, and interface inputs.

Feature	Detail
Display Technology	3.97" LCD
Native Resolution	800 x 480

Feature	Detail
Maximum Display Resolution	1920 x 1080 (Support 1080P)
Brightness	1900 Lumens (150 ANSI lumens)
Contrast Ratio	1800:1
Image Reverse	Yes
Manual Focus	Yes
Aspect Ratio	16:9 / 4:3
Lamp Type / Life	LED, 20,000 Hours
Power Consumption	70W
Picture Size	34-100 inches
Projection Distance	0.95m - 3m
Keystone Correction	Vertical ± 15 degrees
Noise Level	28dB
Remote Control	Yes
Built-in Speaker	Yes
Interface Input	HDMI / USB / SD / AV / VGA
Audio Output	Audio out port
Working Voltage	110-240V / 50-60Hz
Projector Size	208 x 168 x 78mm
Net Weight	950 Grams (1KG N.W./G.W. Per Package)
Connectivity Technology	Wi-Fi (for Airplay/Miracast)
Compatible Devices	Laptop, Smartphone, Tablet

10. WARRANTY AND SUPPORT

BYINTEK products are designed for reliability and performance. For warranty information or technical support, please refer to the warranty card included with your product or contact BYINTEK customer service through their official website or your retailer.

For further assistance, you may visit the [BYINTEK Store on Amazon](#).

