

aaxa
TECHNOLOGIES

P3X PICO PROJECTOR



User Guide

Caution!

WARNING: Please use this product as instructed. Misuse may cause injury or death.

DO NOT use while driving

DO NOT expose to water or wet surfaces. Electric shock may occur.

DO NOT expose the projected LED image to your eyes or the eyes of others

DO NOT block or restrict airflow from ventilation holes as this may cause the projector to overheat

Keep the projector, battery, or charger away from any heat sources

Caution for Battery Use

- Do not pierce or puncture the battery with sharp objects
- Do not heat the product or expose it to high temperature.
- Do not wet it or place it in any liquid

Caution for Headphone Use

- Prolonged use at high volume may impair your hearing.
- High volume during walking or driving may cause distractions and result in injury or death

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P3X at a Glance

Chapter 1



Keypad

Navigation Pad

Use the directional buttons on the “Navigational Pad” to scroll through files and navigate the main and submenus.

OK Button

Use the “OK” button in the center of the navigational pad to select a file or a menu action.

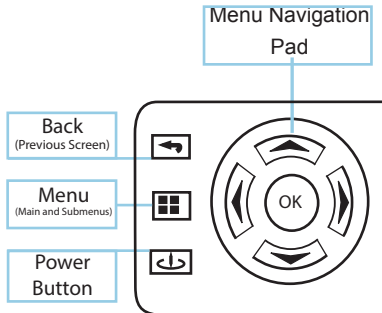
Back Button

Use the “Back” button to return to a previous menu screen.

Menu Button

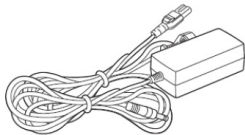
Press and hold the “Menu” button to jump back to the main menu.

*(Pressing the “Menu” button without holding it will return to the submenu.)



The Main Menu Navigation on the remote functions exactly the same as the directional pad on the P3X unit.

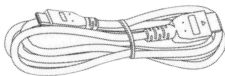
Accessories



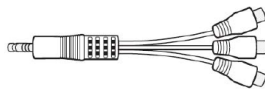
Power Adapter



Tripod



HDMI Cable



AV Cable

*Under various circumstances, the actual accessories may be different from those shown in the pictures above.

Powering ON the projector

1. If using power supply connect the power adapter into the P3X.
**If running the P3X on the battery power proceed to step 3.
2. Plug the opposite end of the power cord into a wall outlet.
3. Press the POWER button on the keypad and hold for 2-3 seconds to start the projector.

Powering OFF the projector

1. Press and hold the power button on the keypad for 3 seconds.
2. The optical engine should power off and the fan should stop spinning.

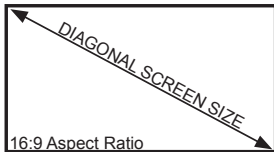
Note: The P3X Projector battery does not charge when it is in operation.

**The P3X is equipped with an internal lithium-ion battery and can be used without the power supply. Be sure that the battery is fully charged before the first use.

Focus Adjustment / Throw Distance

Focus Adjustment

Located beside the projector lens, turn the focus wheel left or right until the image becomes clear.



Throw Distance Chart

	Diagonal inch (")	Distance from Lens to Screen (mm)	Screen Width (mm)	Screen Height (mm)
Min	5	166	110.7	62.3
	10	332	221.4	124.5
	15	498	332.1	186.8
Default	20	664	442.8	249.1
	24	797	531.1	298.9
	30	995	664.1	373.6
	40	1327	885.5	498.1
	Max	50	1669	1106.9

Throw Ratio 1.5

*minimum throw distance: 6.6 inches

External Inputs and Outputs



Connecting to a Computer via HDMI

Step 1:

Connect one end of the HDMI Cable to your computer's HDMI Adapter.



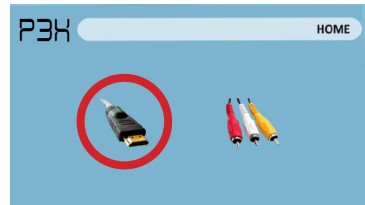
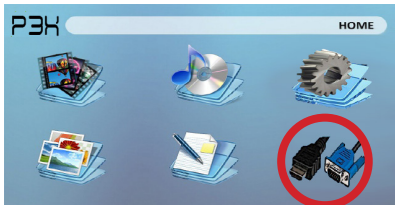
Step 2:

Connect the other end of the HDMI Cord to your P3X's HDMI port.



Step 3:

In the Main Menu Select "HDMI" icon.

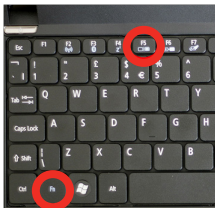


Connecting to a Computer Cont.

Step 4:

Enabling HDMI output on your Computer – To enable HDMI output on your computer most computers require “turning on” the video output feature. Each computer is different. Please consult your owner’s manual for instructions to enable HDMI output. Below are standard instructions for a Windows XP computer – not all systems are the same.

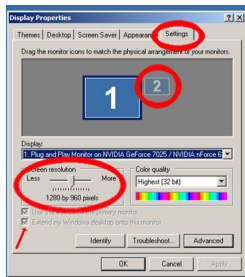
Step 5:



Press function & “F5” to instruct the computer to enable multiple displays. You can also press Windows+P to toggle through display settings.

*NOTE: different operating systems may differ

Step 6:



1. Right click on computer desktop and select “Properties”
2. Display Properties window will pop up
3. Click on the “Settings” Tab
4. If a secondary monitor is grayed out, click on it and check “Extend my Windows Desktop onto this monitor”
5. If the image is blurry or the text is not legible, adjust the screen resolution. We recommend 1280x800.

Connecting to Composite Video

Step 1:

Connect the 3.5mm A/V Cable to the back of the P3X.



Step 2:

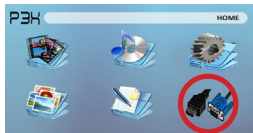
Connect the composite end of the AV Cable (Red, White, Yellow) to your device.



Connecting to Composite Video Cont.

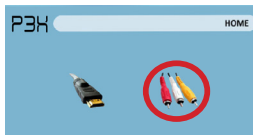
Step 3:

In the main menu select “Inputs” icon.



Step 4:

Turn on your multimedia device and select the “Composite A/V” icon.



Connectivity With Multimedia Devices:

P3X does support multimedia devices. The unit can connect to Apple iDevices, Android base smart devices, Cameras, Video game consoles, and other peripherals*

*Apple products will require a separate adapter depending on your device.

**Smartphones require video out capabilities to be displayed with the P3X.

Connecting to HDMI Video

Step 1:

Connect one end of the HDMI to your P3X's HDMI Adapter



Step 2:

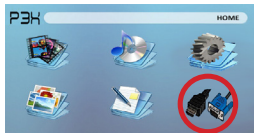
Connect the opposite end of the HDMI cable to your device.



Connecting to HDMI Video Cont.

Step 3:

In the main menu select “Inputs” icon.



Step 4:

Turn on your multimedia device and select the “HDMI” icon.

If available select a higher resolution in your device’s settings.



Connectivity With Multimedia Devices:

P3X does support multimedia devices. The unit can connect to Apple iDevices, Android base smart devices, Cameras, Video game consoles, and other peripherals*

*Apple products will require a separate adapter depending on your device.

**Smartphones require video out capabilities to be displayed with the P3X.

Connecting Speakers/Headphones



Step 1: Connect your speakers/headphones to the projector's audio port.

Step 2: Ensure that the projector and/or the headphones is powered on.

Step 3: Place the headphones on and enjoy!



***CAUTION:** Prolonged use of headphones at a high volume may impair hearing

Micro SD Card

How to insert your Micro SD Card

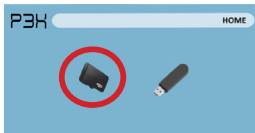
- Slide your MicroSD into the adapter.
- (as shown in picture)
- Gently slide the drive until it cannot go in any further.

How to access your Micro SD Card

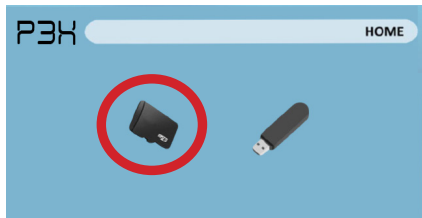
- Insert your Micro SD into the projector.
- Use the navigation pad to choose one of the Media icons (Video, Music, Pictures, Text Files) USB Drive icon from the main menu to access your files.
- Choose your desired file.

Note: Microsoft Office and PDF file formats are not supported.

Review Specification section of this manual for supported ebook formats.



Micro SD Card Cont.



Media Player menu

- After choosing the file type in the main menu choose where your files are located on either Micro SD or USB Drive.
- Select the appropriate menu for the type of file you wish to view.

Note: Microsoft Office and PDF file formats are not supported.

Review Specification section of this manual for supported ebook formats.



File Menu System

- The P3X will show all folders and files you have on your USB Drive.
- Use the directional buttons to navigate to different folders or files.



Return Icon

Brings you back to the main menu



Up Folder

Brings you back to the previous folder

USB Host

How to insert your USB Drive

- Slide your USB Drive into USB adapter. (as shown in picture)
- Gently slide the drive until it cannot go in any further.

How to access your USB Drive

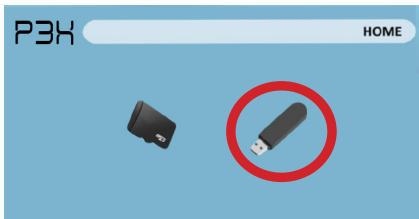
- Insert your USB Drive into the projector.
- Use the navigation pad to choose one of the Media icons (Video, Music, Pictures, Text Files) USB Drive icon from the main menu to access your files.
- Choose your desired file.

Note: Microsoft Office and PDF file formats are not supported.

Review Specification section of this manual for supported ebook formats.



USB Host Cont.



Media Player menu

- In the Media Player selection you can choose from Videos, Audio, Pictures, and Ebooks.
- Select the appropriate menu for the type of file you wish to view.

Note: Microsoft Office and PDF file formats are not supported.

Review Specification section of this manual for supported ebook formats.



File Menu System

- The P3X will show all folders and files you have on your USB Drive.
- Use the directional buttons to navigate to different folders or files.



Return Icon

Brings you back to the main menu



Up Folder

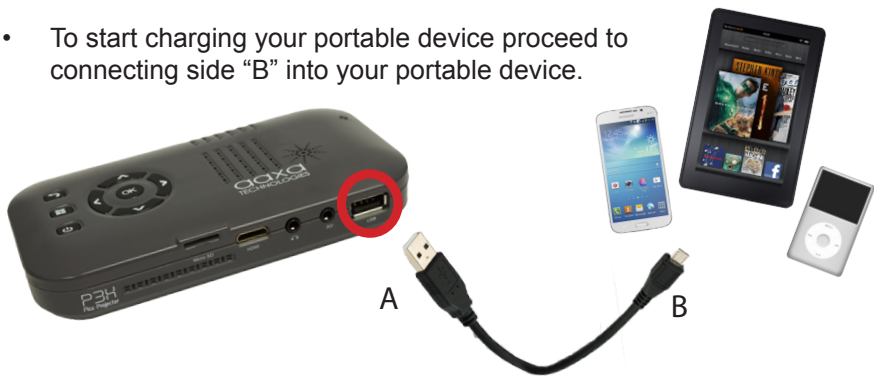
Brings you back to the previous folder

Charging a Phone/USB Device

The P3X is fully equipped with an built-in rechargeable battery, which is also capable of charging portable devices and smart devices via integrated USB.

How To Charge Portable Devices

- First connect side “A” of the USB Cable into the USB Port of the P3X.
- To start charging your portable device proceed to connecting side “B” into your portable device.



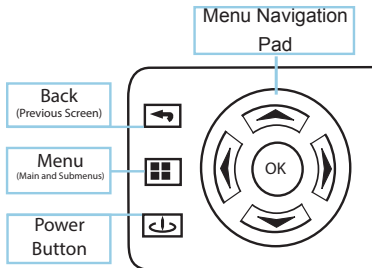
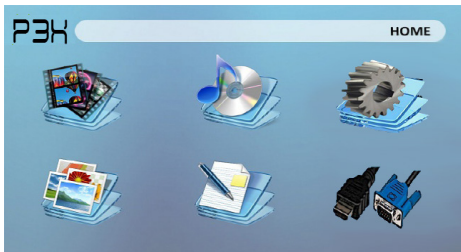
Menu Screens

Chapter 3

Main Menu

The P3X features a built in PMP (Portable Media Player) function.

This function allows the projector to play videos, pictures, music files, and text directly from your connected devices.



- Press the left and right directional buttons to choose an icon from the main menu.
- To select a menu option press the “OK” button in the middle of the navigation pad.
- To go back to the previous screen, press the “Back” button.
- To Jump back to the submenu press the “Menu” button once.
- To return to the main menu press and hold the “Menu” button.

Video Player Menu

Opening a file:

- From the main menu (Fig. 3.1), select the “Video” icon.
- Select either the MicroSD or USB icon to view the stored files (Fig 3.2).
- Choose which file you wish to play.

Fig. 3.1

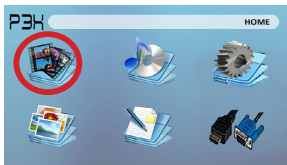
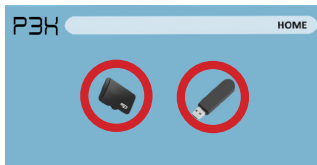


Fig. 3.2



The P3X will show all folders and files you have on your USB or MicroSD drive. Use the navigation buttons to select folders or files.

Previewing Files:

- Press the directional keys to highlight the item of interest
- Wait 2-3 seconds and a preview of the video will show on the screen

Video Player Menu Cont.

Playing Videos

Using the directional buttons on the navigation pad or remote highlight the option you wish to choose from the video playback menu (Fig 3.3).

- To open/hide the video playback menu, use the “OK” and “Back” Buttons on projector.

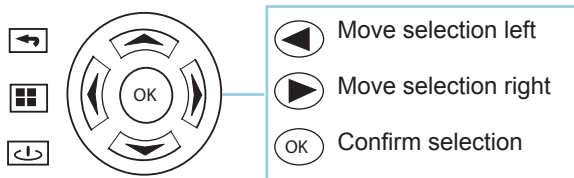


Fig. 3.3

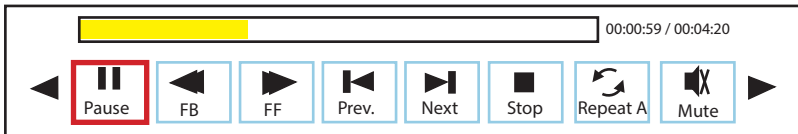


Photo Viewer Menu

Opening a file:

- From the main menu (Fig. 3.4), select the “Photo” icon.
- Select either the MicroSD or USB icon to view the stored files (Fig 3.5).
- Choose which file you wish to play.

Fig 3.4

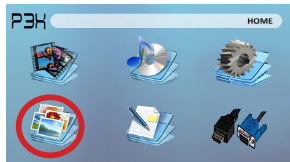
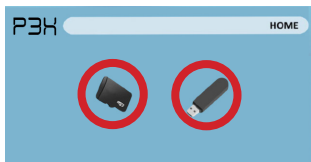


Fig 3.5



The P3X will show all folders and files you have on your USB or MicroSD drive. Use the navigation buttons to select folders or files.

Previewing Files:

- Press the directional keys to highlight the item of interest
- Wait 2-3 seconds and a preview of the picture will show on the screen

Photo Viewer Menu Cont.

Viewing Pictures:

Using the directional buttons on the navigation pad or remote highlight the option you wish to choose from the photo playback menu (Fig 3.6).

- To open/hide the photo playback menu, use the “OK” and “Back” button on the projector.

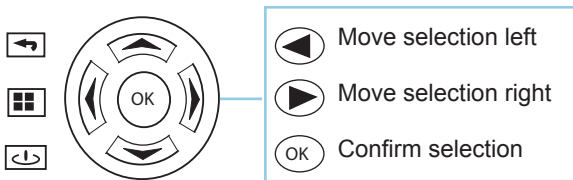
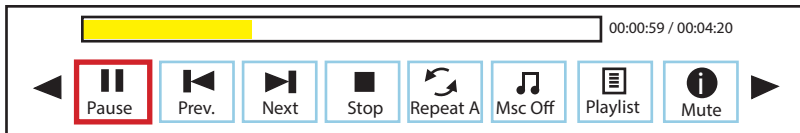


Fig 3.6



Music Player Menu

Opening a file:

- From the main menu (Fig. 3.7), select the “Music” icon.
- Select either the MicroSD or USB icon to view the stored files (Fig 3.8).
- Choose which file you wish to play.

Fig. 3.7

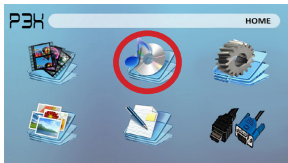
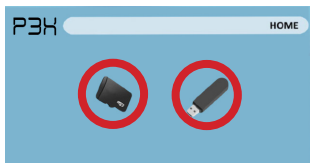


Fig. 3.8



The P3X will show all folders and files you have on your USB or MicroSD drive. Use the navigation buttons to select folders or files.

Previewing Files:

- Press the directional keys to highlight the item of interest
- Wait 2-3 seconds and a preview of the audio will show on the screen

Music Player Menu Cont.

Listening To Audio:

Using the directional buttons on the navigation pad or remote highlight the option you wish to choose from the music playback menu (Fig 3.9).

- To open/hide the music playback menu, use the “OK” and “Back” button on the projector.

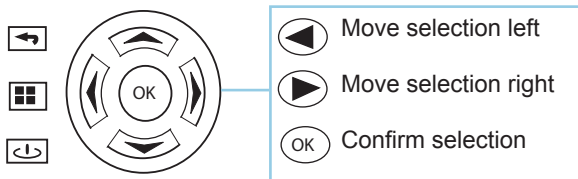
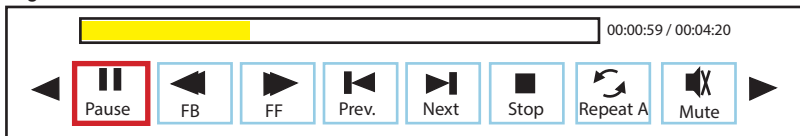


Fig. 3.9



EBook Viewer Menu

Opening A File:

- Select where the files are located from the main menu.
- Select the “EBook” icon (Fig 3.10)
- Choose which file you wish to play.

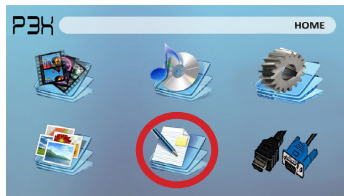


Fig. 3.10

The P3X will show all folders and files you have on your USB or MicoSD Drives. Use the navigation buttons to select folders or files.

Viewing Text Files:

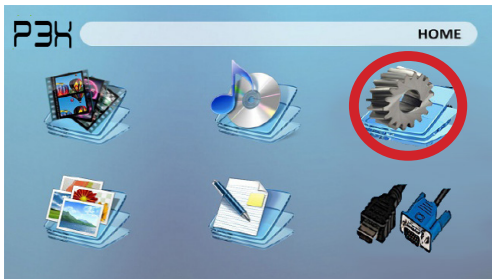
The P3X Pico Projector allows you to view text files. Select the file you want to view in the file menu for the particular storage device on which the file is stored. You can press the left and right arrow buttons on the directional pad or remote to flip through the pages you have in the present folder.

Note: Microsoft Office and PDF file formats are not supported.

Review Specification section of this manual for supported ebook formats.

Setup Menu

The Settings Menu can be accessed by selecting “Settings” on the main menu using the navigation pad at the top of the projector.



Picture

- Picture Mode
- Color Temperature
- Aspect Ratio

Sound

- Sound Mode
- Balance
- Auto Volume
- Surround Sound
- EQ

Time

- Clock
- Off Time
- Sleep Timer

Option

- OSD Language
- Restore Factory Default
- Blending
- OSD Duration

Troubleshooting

IMAGE IS BLURRED

Possible Causes	Solution
The Projector is not in focus	Adjust the focus with the focus adjustment dial until the image comes into focus
The Projector is offset from plane / angle of operation	Move the projector so that it is both 180 degrees and on an even plane with the screen.

No Sync, No Signal

1. Be sure to setup the computer to enable a video signal output. On some laptops this is done by pressing and holding Function F5 key. If using the P3X as an external monitor on Windows based systems, this can be done by selecting "extend my desktop to this monitor". The native resolution of the P3X projector is 854x480. Depending on the video driver different resolutions may need to be selected for proper output.

Technical Details

Troubleshooting

THE PROJECTOR DOES NOT TURN ON

Possible Causes	Solution
There is no power	Check to ensure the power outlet or battery source is good. check the power adapter to ensure a proper connection with the wall outlet as well as the projector. Confirm that the unit is charged and has enough power
The power button was not held long enough	To power on the projector, the power button needs to be depressed for a full 3 seconds. try holding the power button until the optical engine turns on

NO PICTURE / FILE NOT SUPPORTED

Possible Causes	Solution
The video source is not properly connected or selected	Check the video source signal to ensure that it is properly connected. Select the current input source by choosing the input desired from the main menu
Incorrect file extension / Video is encoded with incorrect codec	Please refer to "Specifications" page to see which file types and codex are supported. Verify that the file was encoded properly.

Specifications

Brightness	70 Lumens
Native Resolution	854x480(WXGA)
Maximum Resolution	1280x800(WXGA)
Contrast Ratio	1000:1
Projectoin Lens:	Manual Focus
Image Size:	10~80 inches
Lamp:	Triple RGB LEDs with Vibrant Color Technology - 15,000hrs Lamp Life
Video in:	Composite A/V HDMI(mini-HDMI)
Audio Output:	1.0 W stereo speakers
Battery Life:	3.5 mm audio jack 120 Minutes
SD Card	MicroSD Card Slot
USB	(32GB maximum) USB Host (Memory Sticks)
Dimensions	142x74x24mm
Weight	0.4 lbs (170g)
Supported File Formats	AVI, MPG, MP3, FLV, RMVB, RM, JPG, TXT

Notes



Please direct all customer service inquiries to:

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Tustin, CA 92780

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info@aaxatech.com