TK719 User Manual

User Manual

CONTENTS

Important Safety Instructions:
The device has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipment, the device should be used with care. Please read and follow the safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.
Please do not place the display screen towards the ground to avoid scratching the LCD surface.
Please avoid heavy impact.
Please do not use chemical solutions to clean this product. Simply wipe with a clean soft cloth to maintain the brightness of the surface.
Please do not block any vent hole.
Please follow the instructions and trouble-shooting to adjust the product.
Internal adjustments or repairs must be performed by a qualified technician.
Please keep user guide for future reference.
Please unplug the power if long-term no-use, or thunder weather.

Product Description
1.1 Main Features
10-point capacitive touch screen
1000cd/m² high brightness
Support multiple video input interfaces: HDMI, VGA, Type-C
InputUSB-C Power & Signal Transmission
Support Windows XP/7/8/10/11, Android, Linux and MAC OS
1.2 Front Case

1) Light sensor
2) Infrared window
3) Power indicate light

1.3 Rear Case

Power Button: Power on/off
EXIT Button: Return button for menu
▷ Button: Press it to increase backlight as default when power on; Select options downward in the menu.
◁ Button: Press it to decrease backlight as default when power on; Select options upward in the menu.
MENU Button: Press it to display the menu on the screen when power on. Press it to confirm the option selected.
INPUT Button: Switch among of VGA, HDMI and Type-C signals.
Power Input: DC 9-36V
Type-C Input (Supports video input, touch function and power input))
VGA Input
HDMI 1.4b Input
Earphone Jack (3.5mm)
2. Menu Setting
Before setting the functions, please make sure the device is connected correctly.
2.1 MENU/ ▷ / ◁ Button
Press MENU button, the menu will pop up on the screen. Then select item as the following sequences via pressing ▷/◁ button: PICTURE /FUCTION / VGA / AUDIO / SYSTEM. Press MENU button again to enter into the item you select. Press ▷/◁ button to adjust options or values in the selected item. Then press MENU button to apply and save the setting, and press EXIT button to exit.
When Menu is inactivated, press ▷/◁ button to adjust backlight. Then select item as the following sequences via pressing MENU button: Volume / Contrast / Saturation / Brightness and Exit. Press ▷/◁ button again to adjust the value in the selected item.
2.2 Menu Operation
2.2.1 PICTURE

ITEMS
OPTIONS
Brightness
0-100
Contrast
0-100
Saturation
0-100
Hue
0-100
Sharpness
0-4
Gamma
Off / 1.8 / 2.0 / 2.2 / 2.4
Color
Temperature
6500K / 7500K / 9300K / User
Red Gain
0-255
Note: Only available when under [User] mode to adjust R/G/B gain and offset.
Green Gain
0-255
Blue Gain
0-255
Red Offset
0-511
Green Offset
0-511
Blue Offset
0-511

Brightness
Adjust the brightness of the LCD Screen, adjustable range: 0-100.
Contrast
Adjust the contrast of image, adjustable range: 0-100.
Saturation

Adjust the saturation, adjustable range: 0-100.
Hue
Adjust the hue of the image, adjustable range: 0-100.
Sharpness
Adjust the sharpness of image, adjustable range: 0-4.
Gamma
Options: Off / 1.8 / 2.0 / 2.2 / 2.4
Color Temperature
Options: 6500K /7500K / 9300K / User. The standard color temperature is 6500K.
Note: Only available when under [User] mode to adjust R/G/B gain and offset

.
2.2.2 FUNCTION

ITEMS
OPTIONS
Scan
Aspect / Pixel To Pixel / Zoom
Aspect
Full /16:9 / 1.85:1 / 2.35:1 / 4:3 / 3:2
Only available under [Scan]-[Aspect] mode
Overscan
Off / On
Only available under [Scan]-[Aspect] and [Zoom] mode
Zoom
X1.5 / X2 / X3 / X4
Only available under [Scan]-[Zoom] mode
Image Flip
Off / H&V / H / V
Freeze
Off / On
No Signal Model
Normal/Sleep/Power Off

Scan
Options: Aspect / Pixel To Pixel / Zoom.
Note: Under [Pixel To Pixel] mode, Aspect, Display scan and Zoom cannot be adjusted. Under [Zoom] mode, Aspect cannot be adjusted.
Aspect
Options: Full / 16:9 / 1.85:1 / 2.35:1 / 4:3 / 3:2.
Note: Only available under [Scan]-[Aspect] mode.
Overscan
Options: Off / On
Zoom
Options: X1.5 / X2 / X3 / X4
Only available under [Scan]-[Zoom] mode. Users can select zoom ratio according to different needs.
Image Flip
Options: Off / H&V / H / V
Freeze
Options: On / Off. Activate freeze function to freeze current picture when playing the video.
No Signal Model
Options: Normal / Sleep / Power Off.

2.2.3 VGA

ITEMS
OPTION
Auto Adjust
On / Off

Phase
0-100
Clock
0-100
H-Position
0-100
V-Position
0-100

Auto Adjust
Select [On], the monitor can automatically adjust the position of the image. Select [Off], users can manually adjust the position of the image.
Phase
Adjust internal phase sequence difference. Adjustable range: 0-100.
Clock
Adjust internal oscillation frequency when interference occurs. Adjust this item, the image can be compressed or stretched left or right. Adjustable range: 0-100.
H-Position
Horizontally adjust the position of the image on the screen. Adjustable range: 0-100.
V-Position
Vertically adjust the position of the image on the screen. Adjustable range: 0-100.
Note: Only available under VGA mode.
2.2.4 AUDIO

ITEMS
OPTION
Volume
0-100
Mute
On / Off
Volume
Adjust the volume of built-in speaker or earphone. Adjustable range: 0-100.
Mute
Stop any audio output.
2.2.5 SYSTEM
ITEMS
OPTION
Language
English / 中文
OSD Timer
10s / 20s / 30s
OSD Trans.
0-100
OSD H-Position
0-100
OSD V-Position
0-100
OSD Rotate
Off / 90° / 180° / 270°
Backlight Mode
Standard / User / Sensor
Backlight
0-100
Reset
Off / On

Language
Options: English / 中文.

OSD Timer
Options: 10s / 20s / 30s.
OSD Trans.
Adjust the transparency of OSD. Adjustable range: 0-100
OSD H-Position
Adjust the OSD Horizontal Position. Adjustable range: 0-100
OSD V-Position
Adjust the OSD Vertical Position. Adjustable range: 0-100
OSD Rotate
Adjust the OSD Rotate. Options: Off / 90° / 180° / 270°
Backlight Mode
Options: Standard / User / Sensor
Standard: Standard Backlight default as 50
User: Change backlight as required;
Sensor: Adjust the backlight according to environment.
Backlight
Adjustable range: 0-100.
Reset
If there is any problem unknown, please select [On]. The monitor will restore factory defaults.

Parameters
Screen Size
7”
Physical Resolution
1280 x 800
Aspect Ratio
16:10
Brightness
1000cd/m²
Contrast
800:1
Viewing Angle
170°/ 170°(H/V)
Touch
Without touch / 10-point capacitive touch (for optional)
Input
HDMI, VGA, USB-C
Output
Earphone jack
Input Voltage
DC 9-36V, USB-C
Power Consumption
≤8.5W (12V)
Operating Temperature
-20°C ~ 60°C
Storage Temperature
-30°C ~ 70°C
Water-proof
IPX5-Rated Front Panel
Dust-proof
IP6x-Rated Front Panel
Dimension (LWD)
196.9x131.2x31.5mm
VESA Mount
75mm
Weight
750g

Accessories

Standard

1) 12V/2A Power Adapter 1 piece
HDMI A-A Cable 1 piece
USB-C-C Cable(with screw) 1 piece
4) USB-A-C Cable (for touch) 1 piece
5) Screw Kits 1 piece

Optional

1) Remote Control 1 piece
2) Open Frame Brackets 1 piece
3) VESA 75MM Bracket 1 piece
4) HDMI Cable Lock 1 piece

5. Trouble Shooting
Only black-and-white display:
Check whether the color saturation is properly setup or not.
Power on but no pictures:
Check whether the cables of HDMI, and VGA are correctly connected or not. Please use the standard power adapter coming with the product package. Improper power input may cause damage.
Wrong or abnormal colors:
Check whether the cables are correctly and securely connected or not. Broken or loose pins of the cables may cause a bad contact.
Other problems:
Please press MENU button, choose [SYSTEM]→ [Reset]→[On].

Note: Due to constant effort to improve products and product features, specifications may change without notice.