

MANUAL



LAPSCREEN

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WARRANTY TERMS

Warranty

faytech devices are produced following the most modern production and test processes. Carefully selected components and accurate production ensure reliable operation and long life. faytech warrants to the original purchaser that each faytech touch display delivered shall be free from defects in material or workmanship at time of shipment, and that each such module delivered will meet the published specifications for a period of 24 months as measured from the date of original shipment. faytech's obligation under the Warranty contained herein is limited to the repair or replacement of any faytech touch monitor that does not meet the specifications, provided that said product is returned to faytech, transportation charges pre-paid, and provided that upon faytech's examination, the product, when tested within the specified ratings and in accordance with good engineering practice, does not meet the specifications as defined. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

All claims under warranty must be made promptly after occurrence of circumstances giving rise thereto and must be received within the applicable warranty period by faytech or its authorized representative. Such claims should include the Product type and serial numbers and a full description of the circumstances giving rise to the claim. Before any Products are returned for repair and/or adjustment, written authorization from faytech or its authorized representative for the return and instructions as to how and where these Products should be shipped must be obtained. Any product returned to faytech for examination shall be sent prepaid via the means of transportation indicated as acceptable by faytech. faytech reserves the right to reject any warranty claim not promptly reported and any warranty claim on any item that has been altered or has been shipped by non-acceptable means of transportation. When any Product is returned for examination and inspection, or for any other reason, Customer will be responsible for all damage resulting from improper packing or handling and for loss in transit, notwithstanding any defect or nonconformity in the Product. In all cases faytech has sole responsibility for determining the cause and nature of failure, and faytech's determination with regard thereto shall be final. If it is found that faytech's Product has been returned without cause and is still serviceable, Customer will be notified and the Product returned at Customer's expense. In addition, a charge for testing and examination may, in faytech's sole discretion, be made on Products so returned.

SELLER'S LIABILITY FOR DAMAGES SHALL NOT EXCEED THE PAYMENT, IF ANY, RECEIVED BY SELLER FOR THE UNIT OF PRODUCT OR SERVICE FURNISHED OR TO BE FURNISHED AS THE CASE MAY BE WHICH IS THE SUBJECT OF CLAIM OR DISPUTE. IN NO EVENT SHALL SELLER BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES. LIABILITY TO THIRD PARTIES, FOR BODILY INJURY INCLUDING DEATH, RESULTING FROM SELLER'S PERFORMANCE SHALL BE DETERMINED IN ACCORDANCE WITH APPLICABLE LAW AND THE TOTAL LIABILITY LIMITATION STATED ABOVE SHALL NOT BE CONSTRUED AS A LIMITATION ON SELLER FOR DAMAGES FOR ANY SUCH BODILY INJURY, INCLUDING DEATH.

WARRANTY FOR ITEMS REPLACED UNDER WARRANTY Whenever a failed module is replaced under Warranty, the greater of the balance of the original Warranty Period or 90 days will constitute the remaining warranty period. The replaced unit does not carry a new Warranty.

LIFE SUPPORT POLICY "WARNING: DO NOT USE IN LIFE SUPPORT" SELLER'S PRODUCTS ARE NOT AUTHORIZED FOR USE AS CRITICAL COMPONENTS IN LIFE SUPPORT DEVICES OR SYSTEMS WITHOUT THE EXPRESS PRIOR WRITTEN APPROVAL OF THE PRESIDENT OF FAYTECH. As used herein, "Life Support Devices or Systems" are devices which support or sustain life and whose failure to perform when properly used in accordance with instructions for use provided in the labeling can be reasonably expected to result in a significant injury to the user. A "Critical Component" is any component in a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system or to affect its safety or effectiveness.

If your device does have a defect within the warranty period, please contact faytech directly. The warranty period is 24 months from the date of purchase under the following conditions:

- All warranties are void if the unit has been opened or disassembled without faytech's prior approval.
- Damage caused by improper handling or operation, by incorrect installation or storage, through improper connections, as well as due to force majeure or other external influences are not covered by the warranty.
- For warranty claim, we reserve the right to replace the defective components or to exchange the device.
- Exchanged components or devices become the property of faytech.
- Claims for damages are excluded in so far as they are not based on intent or gross negligence of the manufacturer.
- After expiration of the warranty period, warranty claims can no longer be pursued.
- Any warranty claim must be accompanied by proof of purchase (receipt or invoice).

General Warning

Avoid all contact with dirt, oil, dust or water. Never open the unit. Do not drop the unit. If you notice a burning smell or hear the device making unusual sounds, please disconnect it from the power source immediately. To clean the unit, please turn off the device first, then clean it very gently with a dry, soft cloth. For your own safety, please do not use the device during driving.

Troubleshooting

Please follow all instructions carefully. At the end of this guide there is an overview of possible connection or other types of operation errors.

Ongoing changes

faytech produces its displays in China with German know-how and quality management. Your feedback is the most valuable information for the improvement of our products. Continuous production and product improvement is our primary goal. For this reason, there may be improvements in our products which are not yet included in this user's guide. Differences between your product and this user's guide are generally related to specification changes and product improvements. If you have any questions or suggestions, please contact our support team or visit our website at <http://www.faytech.com/>.

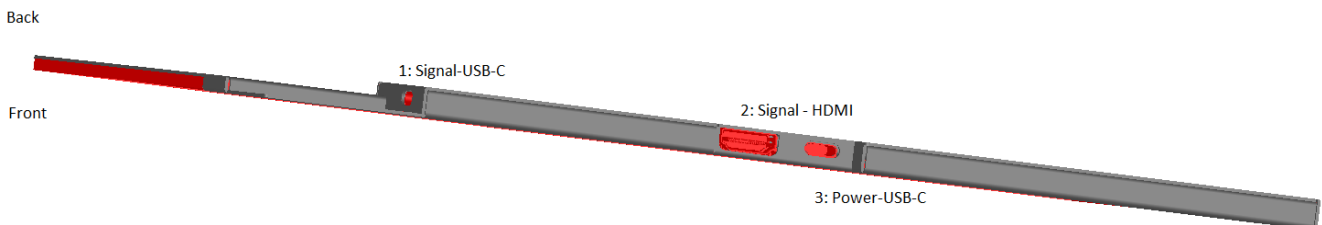
GENERAL INFORMATION

Components

The LAPSCREEN is delivered with an USB-C cable. The delivery exists of:

- **LAPSCREEN**
- **USB-C cable**
- **Carton**

The LAPSCREEN in detail:



1: USB-C connector:

Connect here your smartphone, notebook, PC, whatever device which can provide via USB-C a video-signal. When your device can not provide current connect additionally on connector 3:Power-USB-C a power-device providing +5V to +24V (within the USB-C specificaiton)

2: Signal-HDMI:

Supports any HDMI signal up to HDMI 1.4 - just connect your smartphone, notebook, PC, whatever device which can provide a HDMI-signal to this connector. **IMPORTANT** - you **MUST** add a power-source by connecting also a power-adaptor via the 3:Power-USB-C connector that the LAPSCREEN powers on

3.: Power-USB-C:

Supports DC-IN between 5V and 24V following USB-C connector-specification. This port allows loading of connected devices via the 1: USB-C connector and is required when the signal comes from 2: Signal-HDMI.

Revision History

version	Information
1.0	First production batch starting 18th December 2018

OPERATING INFORMATION

Connecting the Device

[A] connect to a USB-C player

Connect the in delivery included USB-C cable to

1. your USB-C player
2. your LAPSCREEN to the 1: Signal-USB-C

The LAPSCREEN will power on once signal received and show the pictures of your USB-C player. You can optionally load your connected USB-C player by connecting a power source to the 3: Power-USB-C connector.

[B] connect to a HDMI-player

1. connect a HDMI-cable to the LAPSCREEN 2: Signal-HDMI AND to the signal source, make secure on the HDMI-connection is a signal/picture
2. connect a power source by the e.g. in delivery included USB-C cable to the 3: Power-USB-C connector

The Lapscreen will power on and show the picture via HDMI. When no signal is connected it will show onscreen "no signal". On your laptop, you may first need to activate the second display before you can see a picture on the LAPSCREEN.

Operation

The LAPSCREEN is easy to operate - it needs power and a signal, that's all. The power MUST come via USB-C, the video/picture signal need to come via USB-C OR HDMI. The rest happens automatically.

The LAPSCREEN has NO loudspeaker. When you connect your device to the LAPSCREEN, make secure that you choose another sound-source than the LAPSCREEN. In general, a Laptop or a mobile will automatically switch the Audio-Out to the connected LAPSCREEN via USB-C or HDMI. For many mobiles the audio setting is limited - in this case you may need to connect earphones to hear a sound.

Troubleshooting

If you are having trouble getting your LAPSCREEN to work correctly, please look through this list of common problems:

PHYSICAL SETUP:

- Cable connections. Care should be taken when connecting the cables. Make sure the cables are connected to the right connectors at each end and make sure the cables are attached firmly to their respective connectors. Lack of an image or poor quality images are often caused by the wrong connection. Turn off the display and check each pin of the cable separately. If you think you have a defective cable, we are happy to exchange it for you - you do not have to send the display back.
- Avoid short circuits! Please be careful before connecting power to the display that there are no cables that have not yet been connected at both ends. If the monitor does not power up, try another outlet or another power source.
- Provide the display with a 5-24V DC power supply only. Higher or lower voltage and wrong polarity/doing a short circuit permanently damages the display and is not covered under warranty.

STARTUP:

Please note: After you switch the display on it automatically detects the right Input source and shows the signal. If there is no signal source connected, the display will show "no signal".

Display remains black

- no power, please check power supply. When the power supply is ok and no reaction once powered up through 3: Power-USB-C then open an RMA case.
- Please note that extended desktops often are black in the beginning. In this situation your display may be black at first if you configure it as an extended desktop.
- Panel shows "unsupported format": That means that the monitor receives a signal source which cannot be displayed. This e.g. may happen when frequencies are set up over 75Hz. When you think the signal should be possible to be displayed please contact the faytech service with detailed signal information.

Stripes / errors in the image:

- Pixel error: Each faytech display has been thoroughly tested and sold with no pixel defects. If there is a pixel error at your display, please contact us for Support.
- Text is hard to read, picture looks fuzzy: The display image is in the original resolution (1920×1080) clear. At higher resolutions the display interpolates. This leads to inaccuracies and picture distortions.

Supported Resolution

Standard Full HD: 1920×1080

Supported Mobiles

Important - the following list is without any guarantee and just unsteadily updated. We do not overtake any responsibility for accuracy or actuality.

FULL USB-C-support - extended desktop and full mobile function incl. touch (when LAPSCREEN TOUCH)

mobile

Huawei P20 full support

what is supported

either extended working desktop called “Emotion UI” or “Easy Projection” incl. touch support which mirrors the mobile to the LAPSCREEN

USB-C clone support (automatically clones the pictures of the mobile to the LAPSCREEN)

Huawei Mate 20

Huawei Mate 10

Huawei Mate 20 Pro

HTC U12+

Samsung S8

Samsung S8+

Samsung Note 9

Samsung S9+

Samsung S9

NO USB-C support (no picture at all)

Huawei P20 Lite, Huawei Mate 20 Lite, Alcatel 1C, ZTE Blade A7 Vita, Wiko Lenny 5, Motorola One, Motorola Z3 Play, Honor 10, Nokia 5.1 Plus DS, Nokia 8 Single, Nokia 7 Plus DS, Sony XZ 2 DS, Sony XZ 2 Compact, Sony XZ 2 Premium, Sony XA 2 Ultra, Sony XZ 1 Compact, Sony XZ 1, Sony XA 1, Sony XA 1 Ultra, Sony XA 2 Plus, Sony XA 2 Dual, HTC U11 Life, LG G7, Samsung A5, Samsung A8, Samsung A9, Samsung Note 8, Google Pixel 2, Google Pixel 2 XL, Google Pixel 3, Google Pixel 3 XL

HDMI-support

mobile

Apple iPhone 7 or newer

what is supported

use an active lightning to HDMI adaptor, then Video mirroring and video out support through Lightning Digital AV Adapter

RMA

Service

If you think your faytech product has a defect please always contact us directly. Our trained after sales service specialists can help you resolve your problems. Please check the manual and our frequently asked questions before contacting us – you will usually find an answer to your question. If there is a defect you can request an RMA number (Return Merchandise Authorization) at support@faytech.com or via fax at +86-755- 89580613 (Chinese fax-number).

Please attach in the contact e-mail/fax your invoice and what problems you are experiencing. In reply, you will receive an e-mail/fax with your RMA number and additional information. For accessories like cables, adapters or power supplies which are not working, we can usually send you a replacement before receiving the damaged goods. For a defective product, we try to check and solve the problem within 3 days after receipt. Make sure that shipping has been paid before sending goods back to us. We do not accept postage due packages at our service centers. Anything received with postage due will be returned to you without any testing or resolution. Within the first 30 days after you buy a new faytech product, we will refund your shipping costs for returned products. For the rest of the warranty period, we will pay the shipping costs for any repaired or replaced items that we ship back to you.

For support outside of China, we work with local representatives / local service partners together who may work on our behalf in our name. On request, more information can be obtained at the above contact information.

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