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BAB TECHNOLOGIE GmbH

FLATTOUCH

Installation Manual

Type 10.1“, 15,6“, 18,5” and 21.0“
Article Nr.: 04651s, 04655s, 04659s, 4661s

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FLATTOUCH

The finery **FLATTOUCH** version is characterized by a minimal panel thickness of only **48mm (10,1" only 38mm)**, an easy installation using a standard monitor bracket (VESA).

The **FLATTOUCH** are delivered in the **sizes 10.1", 15.6", 18.5" and 21.5"**. The aspect ratio of the screens is 16:9 (16:10 for the 10.1"). The surface of the front is continuous and IP65 (front) protected.

An optional wall bracket (**VESA 75 size**) allows a quick installation on a wall and by the slim frame of stainless steel the **FLATTOUCH** appears like a LCD-television.

In combination with the **CONTROL T 2** this Panel becomes a central information point that can be adjusted individually to the particular request.

The **FLATTOUCH** comes equipped with **Windows 10 IoT Enterprise** on a 500 GB drive and is delivered ready to use.



Figure 1 FLATTOUCH

**1****NOTES**

ATTENTION! REALLY important notes:**Packaging:**

- Do not unpack the **FLATTOUCH** until you reach your destination.
- Only transport the **FLATTOUCH** in its original packaging.
- **Only ship the FLATTOUCH in its original packaging. For this reason we recommend that you keep the original packaging!**

NOTE: We would like to point out that the sender, not the carrier, is liable for damage caused by improper packaging.

Connecting:

- Only use the external power adapter included in the scope of supply - other power adapters can cause damages to the device.
- Ensure that the power supply unit supplied is adequately ventilated.

Installation:

- Make sure that is given sufficient ventilation on the backside of the panel.
- Don't cover or block vent holes of the panel.
They are important for the (convection-) cooling of the panel!

2 ASSEMBLY

The **FLATTOUCH** can be easily mounted on a wall with a VESA75 adapter. We offer a matching wall mount that is particularly low profile.

PLEASE MIND, THAT YOU NEED ACCESS FOR POWER SUPPLY (CORD POWER SUPPLY with “schuko” plug) AND NETWORK AT THE PLACE OF INSTALLATION FOR THE **FLATTOUCH**.

The wall mount consists of 2 parts. An adapter plate for the wall and another adapter plate for the **FLATTOUCH**.

Please ensure that the holder is mounted horizontally. There is a corresponding marking on the adapter plates.

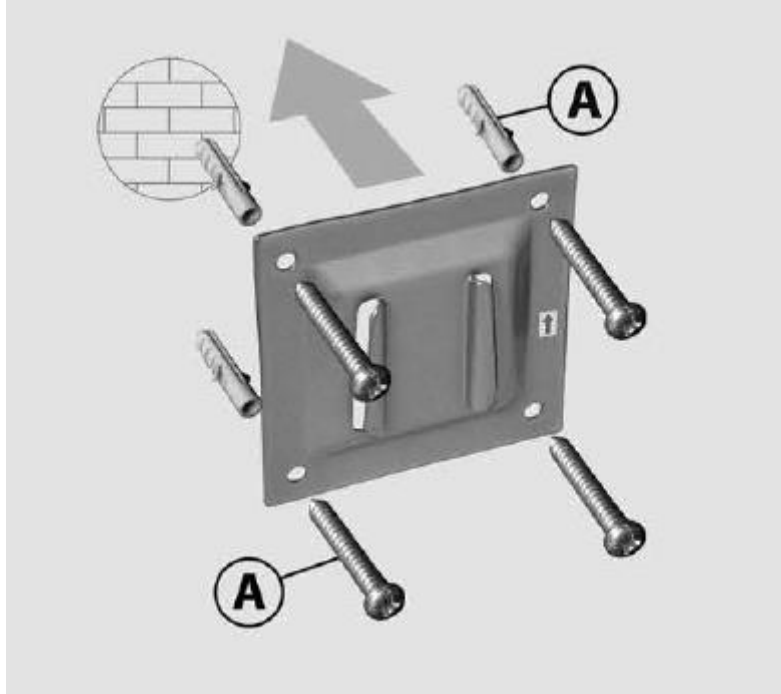
(The picture shows both parts as they are hung into each other).





2.1 MOUNTING WITH OPTIONAL VESA MOUNT

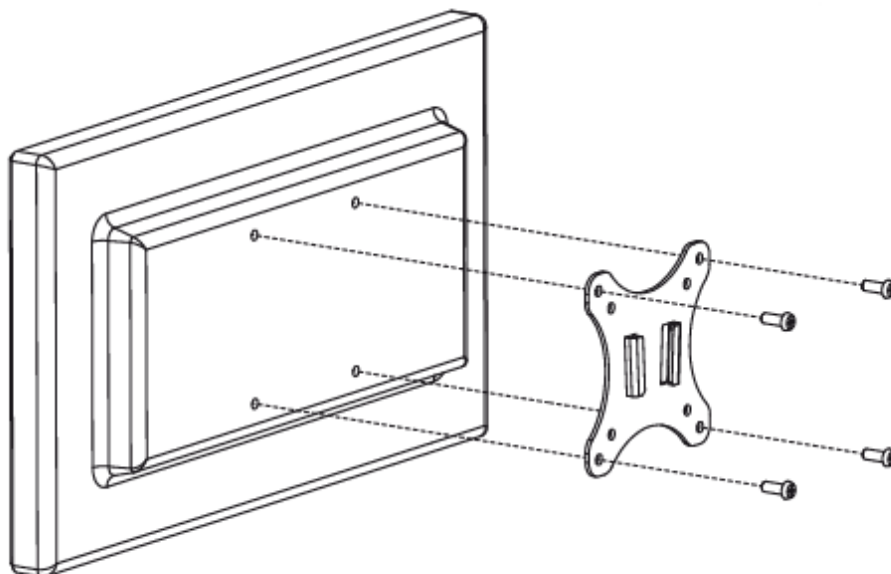
The first step is to mount the adapter plate for the wall. The adapter plate is attached to the wall with four screws.



MAKE SURE THE WALL BRACKET IS IN THE CORRECT POSITION:

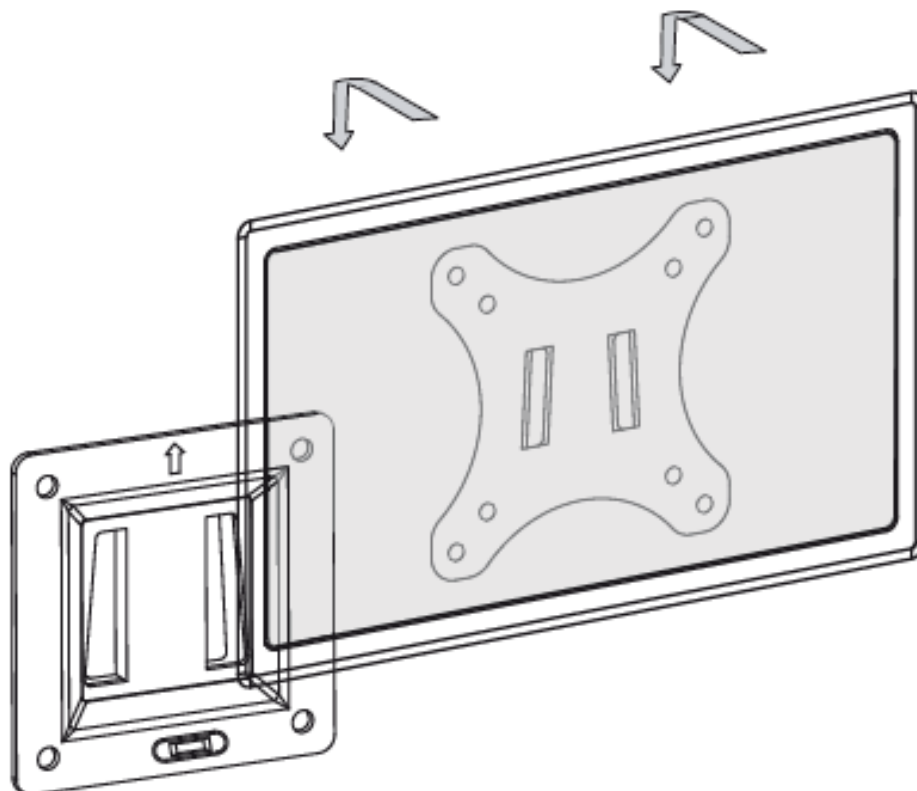
The correct position is marked by an arrow. The arrow is on both parts and must point upwards.

Next, screw the adapter plate for the **FLATTOUCH** onto the back of the **FLATTOUCH** using the four screws provided.



In the last step, the **FLATTOUCH** is hooked onto the wall bracket.

In the following picture you can see how the adapter plate of the **FLATTOUCH** is hooked onto the adapter plate mounted on the wall.





3 COMMISSIONING

The **FLATTOUCH** is delivered fully installed. This means that the operating system is pre-installed including all necessary drivers and plug-ins and is ready for operation.

Tip:

A (USB) keyboard and a (USB) computer mouse are helpful for commissioning the **FLATTOUCH**.

3.1 CONNECT THE FLATTOUCH

The **FLATTOUCH** requires the supplied power supply (mains adapter) and network connection for operation. The network cable is connected directly to a router or switch to which the visualization server is also connected.

All connections are located under a cover that is secured with two Phillips screws. The screws are on both sides on the bottom of the **FLATTOUCH**.

Note:

On the **FLATTOUCH** 10.1", the two Phillips screws are on the back of the **FLATTOUCH** and are covered with rubber covers!



Figure 2 Connections of the FLATTOUCH (15.6")

- Orange arrow: The four-pole connection for the power supply (DC IN).
- Green arrow: RJ-45 socket (network connection). The network cable is connected here
- Red arrow: 4* USB ports, e.g. to connect a keyboard and mouse for commissioning
- Blue arrow: button to switch on the **FLATTOUCH**



3.2 SWITCH ON – OFF FLATTOUCH

As soon as the **FLATTOUCH** is connected to the power supply and the network, it switches on automatically. If not, a short tap on the "Power Switch" is sufficient (see blue arrow in the previous illustration).

A short tap on the "Power Switch" closes the operating system and shuts down the **FLATTOUCH**.

If necessary, the **FLATTOUCH** can be switched off by pressing and holding the "Power Switch" (approx. 6 seconds).

After the operating system has been started, the CONTROL T2 is started automatically. However, the start-up behaviour can be adjusted at any time.



4 APPENDIX

4.1 ARTICLE NUMBERS AND IDENTIFIERS

FLATTOUCH 10.1"	04651s
FLATTOUCH 15.6"	04655s
FLATTOUCH 18.5"	04659s
FLATTOUCH 21.5"	04661s
Optional	
FLATTOUCH Wall Mount	04620

4.2 DIMENSIONS

	Width	Height	Depth	Weight
FLATTOUCH 101	263	170	38	1,5
FLATTOUCH 1560	396	245.	48	4,5
FLATTOUCH 1850	464	284	48	6,8
FLATTOUCH 2150	536	328	48	8,0