

TouchOne Mini  
**Installation Manual**

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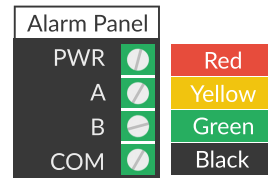
## 1. Overview

The TouchOne Mini is a High Definition, 5" Touchscreen Keypad for Bosch Solution 2000 and 3000 control panels that provides a rich user interface and extended functionality to the end user.

The TouchOne Mini builds on the revolutionary 7" TouchOne with a smaller 5" HD display. The TouchOne Mini shares all its features from the TouchOne except a camera.

## 2. Wiring

Using the included Wire Harness, wire the TouchOne Mini into the control panel as per the wiring diagram. It is recommended to solder the wires to the cable from the control panel.



### Notice on Power Consumption

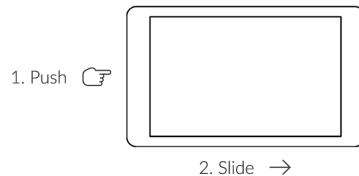
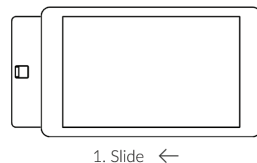
The TouchOne Mini consumes considerably more power than a traditional codepad due to its HD screen and internet connectivity. Only one TouchOne Mini device can be powered by the control panel to ensure reliable performance. Up to 4 TouchOne Mini devices can be connected to one system, however 3 of them must be powered by a separate and appropriately rated power supply.

Using a 0.5mm cable from the control panel with a run less than 15 meters is recommended for best performance.

### 3. Mounting

The TouchOne Mini must be mounted in landscape orientation. The Wall Mount should be screwed onto the wall first using the included 6G x 20mm pan head screws. The circle screw hole is always on the bottom and the oval adjustment screw hole should be on top. Plug the Wire Harness into the TouchOne Mini.

Aligning the TouchOne Mini to the Wall Mount's hooks, it should move closer to the wall when aligned correctly. Slide the TouchOne Mini in the direction of the release clip until you feel it clip. Ensure all wires are fed into the wall.



### 4. Addressing

The Bosch Solution 2000 and 3000 control panel requires each codepad on the system to have a unique address between 1 and 4. When the TouchOne Mini is powered on for the first time, it defaults to address 1. This setting is changed in the TouchOne Mini software interface, therefore, you must ensure that any other codepad on the system is either not addressed to address 1 or disconnected until you have completed the setup wizard and have changed the TouchOne Mini's address.

#### Changing the address

You can change the TouchOne Mini address on the software interface after the initial setup wizard by touching the *Settings* button from the home screen and then the *Change Address* button. Should the TouchOne Mini detect there is another device on the bus that shares its address or there are communication problems, a screen will automatically appear allowing you to select another address.

## 5. Setup Wizard

When the TouchOne Mini is powered on for the first time, it will display a setup wizard, allowing you to configure the device.

You can restore the TouchOne Mini to factory defaults and complete the setup wizard again by touching the *Settings* button from the home screen, then *Installer Options* and then the *Restore to factory defaults* button. You will require the control panels installer PIN to access the Installer Options menu.

## 6. Internet Connectivity

During the setup wizard, you will be requested to connect the TouchOne Mini to a local WiFi network. As the TouchOne Mini is a security device, ensure you only connect it to a WiFi network that uses at least WPA security. **WEP security is not a suitable encryption method for this device.**

WiFi is required for the TouchOne Mini to receive automatic updates and to download and use Apps like the Intercom App. The date and time must be correct before automatic updates and App functionality is enabled.

## 7. Troubleshooting

<p><b>The TouchOne Mini does not turn on.</b></p>	<ul style="list-style-type: none"> <li>• Ensure the PWR LED on the back of the TouchOne Mini is illuminated, indicating the device is receiving power from the control panel.</li> <li>• Ensure the TouchOne Mini is wired correctly and there is a steady 11V to 13V on the PWR and COM (Red and Black) wires (meter at the TouchOne Mini side of the cable).</li> <li>• Wire the TouchOne Mini Wire Harness directly to the panel and test.</li> <li>• Wire the TouchOne Mini to another panel to test.</li> <li>• Ensure there is not short between the PWR and COM wires.</li> </ul>
<p><b>The TouchOne Mini does not start completely / restarts often.</b></p>	<ul style="list-style-type: none"> <li>• Remove power to the control panel, remove all other devices and just connect the TouchOne Mini. You may need to wait up to 5 minutes for the overload protection circuit to cool down. Apply power to the panel again.</li> <li>• If the TouchOne Mini does start correctly when performing this test, then the total number of devices on the panel exceeds the maximum current draw and you may need an external power supply.</li> <li>• Reduce the screen brightness, disable WiFi and use the Sleep standby option instead of the photo slideshow.</li> </ul>

<p><b>The TouchOne Mini shows a communication failure message.</b></p>	<ul style="list-style-type: none"> <li>• Check the "ALIVE" LED on the back of the device to ensure communication is stable (the LED should be flashing consistently).</li> <li>• Ensure the wiring is correct.</li> <li>• If the TouchOne Mini is being powered by a separate power supply, the ground wire of the power supply should also connect to the ground wire of the bus.</li> </ul>
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## 8. Specifications

<p><b>Dimensions</b></p>	<p>145 mm x 80 mm x 13.6 mm</p>	<p><b>LCD</b></p>	<p>5" HD WXGA 1280 px x 720 px, IPS, 400 nits.</p>
<p><b>Maximum screw size</b></p>	<p>6G pan head</p>	<p><b>Touch Panel</b></p>	<p>5 point multi-touch, capacitive, GF glass touch sensor.</p>
<p><b>Power (Operating)</b></p>	<p>12VDC 600mA (peak)</p>	<p><b>SD Card</b></p>	<p>MicroSD (SDHC) 2GB to 32GB</p>

8IM-TM1A-061701