

Truma iNet Panel / Truma iNet X Panel

EN Operating instructions
To be kept in the vehicle

Page 02

Table of Contents

- 1 About these instructions** 3
- 1.1 Document number 3
- 1.2 Validity 3
- 1.3 Target group 3
- 1.4 Symbols and means of representation 3
- 1.5 Abbreviations and glossary 4
- 2 Purpose** 4
- 2.1 Intended use 4
- 2.2 Inappropriate use 4
- 2.3 Operating approval 4
- 3 Safety instructions** 5
- 3.1 General safety 5
- 3.2 Safety instructions for the control panel 5
- 3.3 Obligations of the operator / vehicle owner 5
- 3.4 Installation, dismantling, repositioning 6
- 4 Product description** 6
- 4.1 Display 6
- 4.2 Operating elements 7
- 5 Operation** 7
- 5.1 Menu navigation 7
- 5.2 Switching on the control panel 8
- 5.3 Switching off the control panel 8
- 5.4 Standby 9
- 5.5 Remote control for an air conditioning system 10

- 5.6 App control (Bluetooth) 10
- 6 Faults** 11
- 7 Software update** 12
- 8 Replacing the battery** 12
- 9 Cleaning and care** 12
- 10 Disposal** 13
- 11 Technical data** 13
- 12 WARRANTY** 14
- 12.1 Scope of Manufacturer’s Warranty 14
- 12.2 Warranty exclusions 15
- 12.3 Making a warranty claim 16

1 About these instructions

- ▶ These instructions are part of the product.
- ▶ Always carry the operating instructions in the vehicle.
- ▶ Also make the safety instructions available to other users.

1.1 Document number

The document number of these instructions can be found in the footer on every page and on the back page.

The document number consists of

- Part number (10 digits)
- Revision status (2 digits)
- Publication date (month/year)

1.2 Validity

These instructions are for the Truma iNet Panel and the Truma iNet X Panel, referred to as the control panel below.

1.3 Target group

These instructions are intended for users.

- ❗ For the sake of simplicity, no distinction between genders is made below. Gender equality is intended in the way terms are used.

1.4 Symbols and means of representation

Symbol	Meaning
	Warning about dangers to persons
	Expert
	Additional information to provide a better understanding or to optimise work processes.
	Symbol for an action. Something must be done here.
*	Optional parts
(Fig. 3-1)	Reference to a picture e.g. Figure 3 - number 1

1.5 Abbreviations and glossary

Word	Meaning
Touchscreen	Touch-sensitive screen
IR	IR = infrared, data transfer between devices over short distances, using light
Bluetooth	Standard for data transfer between devices over short distances, using radio technology

2 Purpose

2.1 Intended use

The electronic control unit is used to control, display and monitor Truma appliances and third-party appliances.

The control panel is intended for installation in caravans and motor homes.

2.2 Inappropriate use

All uses other than those listed under intended use are unauthorised and therefore not permitted.

Installation in boats is not permitted.

2.3 Operating approval

The following circumstances invalidate the operating approval of the appliance.

- Modifications to the device, including accessories.
- Using replacement and accessory parts other than original Truma parts.
- Not observing the information in these operating instructions.

In some countries, these circumstances also invalidate the operating approval for the vehicle.

3 Safety instructions

3.1 General safety

- ▶ Read and closely observe the safety instructions to prevent danger, material damage and injury.
- ▶ Read and observe the operating instructions and supporting documents for the appliances, such as gas supply, heater, air conditioning system and the vehicle carefully and keep them in a safe place for subsequent use.
- ▶ Observe local laws, guidelines and standards associated with the use and operation of the appliance.

3.2 Safety instructions for the control panel

- ▶ The control panel must not be operated unless it is in technically perfect condition.
- ▶ Repairs must be carried out immediately. Carry out repairs yourself only if the solution is described in the troubleshooting guide of the control panel or in the app.
- ▶ No repairs or modifications to the control panel are allowed.
- ▶ A defective control panel may be repaired only by Truma or its service department.

- ▶ Never use LP gas appliances when refuelling, in multi-storey car parks, in garages or on ferries. Switch off the control panel to prevent the heater being switched back on by the Truma app or the time switch (see “Switching on/off”).
- ▶ Do not switch on the appliance if the housing is damaged or if liquid has entered it.

3.3 Obligations of the operator / vehicle owner

- ▶ Make sure that the appliance can be operated properly in all operating phases.

3.4 Installation, dismantling, repositioning

Only competent, trained personnel (experts) may install and repair the Truma product and carry out the function check with consideration of the installation and operating instructions and the current recognised rules of engineering. Experts are persons who, based on their professional training, their knowledge of and experience with Truma products and the relevant standards, are able to carry out the required work properly and recognise potential hazards.



FOR EXPERTS ONLY

Do not install, dismantle or reposition the device on your own.

- ▶ Have the device installed, dismantled or repositioned only by an expert.

4 Product description

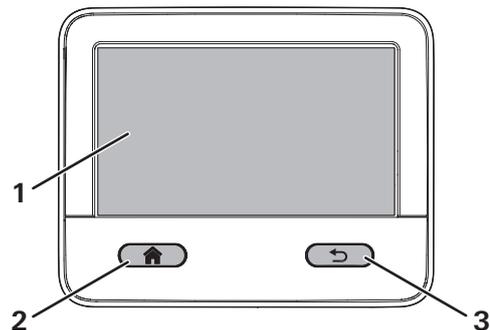


Fig. 1

- 1 Display
- 2 Home button
- 3 Back button

4.1 Display

The control panel has a touchscreen (Fig. 1-1). This is used to operate and display values and settings of connected appliances.

4.2 Operating elements

The control panel has two buttons (Fig. 1-2) (Fig. 1-3) which are used to trigger basic functions and to navigate the menu.

Symbol	Function
	<p>Home</p> <ul style="list-style-type: none">• Return to the main menu (press briefly)• Standby mode (press and hold)
	<p>Back</p> <ul style="list-style-type: none">• Return to the current menu (press briefly)

5 Operation

5.1 Menu navigation

The control panel is operated via the touchscreen with your fingers. The display and active selection options vary depending on the menu.

Use the Home and Back buttons to navigate the menu.

- Briefly press the Home button to go back to the main menu.
- Briefly press the Back button to go back to the previous menu level. The last set value remains unchanged.

5.2 Switching on the control panel

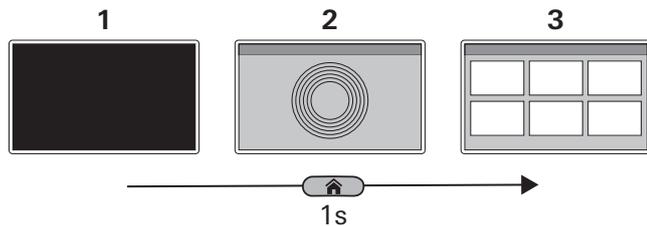


Fig. 2

- 1 Control panel off
- 2 Start screen
- 3 Main menu

- ▶ Press the Home button briefly (1 second)
The start screen opens in the display (Fig. 2-2), followed by the main menu (Fig. 2-1).

5.3 Switching off the control panel

Switch the control panel off in the main menu.

- ⓘ When the control panel is switched off, all connected heating and air conditioning systems are also switched off.

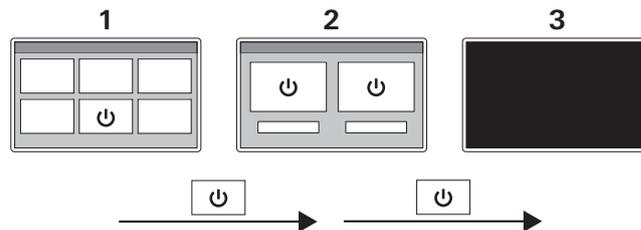


Fig. 3

- 1 Main menu
- 2 Submenu "Switch off"
- 3 Control panel off

- ▶ In the main menu (Fig. 3-1) press "Switch off".
- ▶ In the submenu (Fig. 3-2) press "Switch off".
The control panel is switched off (Fig. 3-3).
All connected appliances are switched off.

5.4 Standby

If no entries are made for a certain time, the control panel goes into standby mode to save power. The display is switched off.

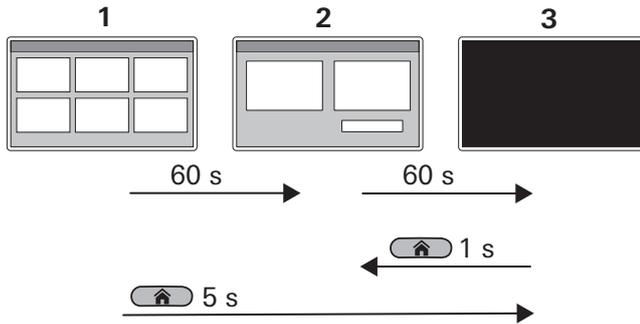


Fig. 4

- 1** Main menu
- 2** Lock menu
- 3** Standby mode

After 60 seconds, the display changes from the main menu (Fig. 4-1) to the lock menu (Fig. 4-2). After another 60 seconds, the control panel goes into standby mode (Fig. 4-3). The display is off.

- i** In standby mode, all connected heating, air conditioning and other appliances remain on and continue to operate at the settings on the control panel.
- i** In standby mode, all connected appliances can still be controlled by other system participants (mobile devices).

If the control panel is in standby mode, press the Home button briefly to activate it.

- ▶ Press the Home button briefly (1 second)
The lock menu is displayed (Fig. 4-2).

You can also press and hold the Home button to put the control panel in standby mode.

- ▶ In the main menu, press and hold the Home button (5 seconds).
The control panel goes into standby mode (Fig. 4-3).

5.5 Remote control for an air conditioning system

When the control panel and an IR remote control are used together for a connected air conditioning system, the following features must be observed:

- The control panel and the IR remote control can be used simultaneously.
- The control panel takes over all settings that are made to the air conditioning system using the IR remote control.
- The IR remote control transmits only the settings that are shown on its display. Settings that are changed using the control panel are not shown on the IR remote control.
- Only the timer of the control panel may be used to define the start and end time of a required period (timer function).

5.6 App control (Bluetooth)

The iNet X app can be used to control appliances, such as heaters or air conditioning systems. To do this, the app must be installed on a mobile device (smartphone / tablet) and a Bluetooth connection to the control panel is required.

Installing the app

Depending on the operating system, the app can be obtained from the Google Playstore (Android) or the App Store (iOS).

The app can also be downloaded here: <https://www.truma.com/truma-inetx-app>

The QR code will also take you to the site.



Up to 8 different mobile devices can be stored in the control panel. The stored mobile devices can be managed via the control panel.

Up to 3 mobile devices can be connected to the control panel simultaneously and be used to control appliances.

Connecting a mobile device with the control panel

Mobile devices are connected to the control panel via Bluetooth. For this to function, the mobile device must be within the range of the control panel.

- ▶ Enable Bluetooth on the mobile device.
If you have any questions with regard to the settings of the mobile device, contact the manufacturer.
- ▶ Follow the instructions from the setup wizard on the control panel display and the app instructions on the mobile device.

6 Faults

Listed below are some actions that can be taken to rectify faults. If these actions do not produce the desired result, please contact Truma Service for Truma appliances or the respective service department for other appliances.

Control panel cannot be switched on.

- ▶ Check 12 V = power supply.
- ▶ Check the fuses of the power supply in the vehicle and replace if necessary.

Error messages

- ❗ If a fault occurs in a connected appliance, this is shown on the control panel. Solutions to rectify the fault are suggested in the display.

Resetting faults

- ▶ Follow the instructions on the display.
- ▶ Acknowledge faults on the control panel.

App problems

If you encounter problems with the app, check that you have the latest version and, if not, update it.

7 Software update

If a software update for the control panel is available, you can install it via a mobile device. To do this, you must be connected to the Internet.

Updating software

- ▶ Connect a mobile device to the Internet.
- ▶ Install or update the app on the mobile device.
- ▶ Switch on the control panel and establish a Bluetooth connection between the control panel and the mobile device.

If a software update is available for the control panel, you will see this in the app.

If an update is available, then:

- ▶ connect the mobile device to the power supply or make sure that the battery is sufficiently charged.
- ▶ During the update, remain within the Bluetooth range of the control panel.
- ▶ Follow the instructions in the app and on the control panel.

i The update can run in the background and may take up to 15 minutes.

When the update is complete, a message is displayed.

If the update could not be completed, the system falls back to the previously installed software version to ensure that the control panel can be operated safely.

8 Replacing the battery

The control panel has a battery to store user settings, such as time, language and device settings. When the power supply is switched off, these settings are stored.

The battery should last about 8 years and, if required, can be replaced by a dealer.

9 Cleaning and care

Use a damp, non-scouring cloth to clean the display. If this is not sufficient, use a neutral soap solution.

10 Disposal

National regulations and laws must be observed.



Do not dispose of used batteries along with household waste. Used batteries must be disposed of separately at a collection point for recycling. This is an important contribution to environmental protection.

11 Technical data

Variable	Value
Touchscreen	TFT-LCD 4.3" (resistive)
Operating temperature range	-30 °C to + 60 °C
Storage temperature range	-30 °C to + 60 °C
Interfaces	TIN bus, CI bus, CAN bus Bluetooth Low Energy (BLE)
Bluetooth	Output power: 5 dBm Tune-up tolerance: +/-3 dB
Power supply	typ. 12 V $\overline{=}$ (8 V–16 V $\overline{=}$)
Power consumption	typ. 1.5 W
Battery	Lithium button battery 3 volt CR 2032
Weight	approx. 150 g
Protection class	Class III
Protection type	Front: IP20 Back: IP00

Dimensions

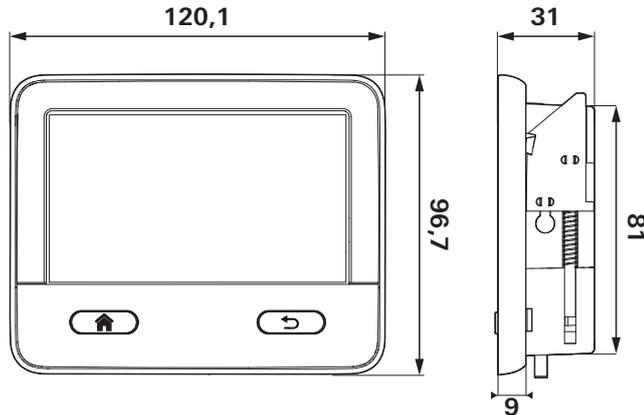


Fig. 5

The dimensions are in mm. Illustration not to scale.

Interference resistance

This device corresponds to Section 15 of the FCC regulations and the RSS standards of Industry Canada for licence-exempt radio devices. For operation, the following conditions must be fulfilled:

(1) The device must not cause any damaging interference.

(2) The device must be immune to interference, also interference that could cause unwanted operating states.

12 WARRANTY

Manufacturer's Warranty
(European Union)

12.1 Scope of Manufacturer's Warranty

As the Manufacturer of the appliance, Truma undertakes a warranty towards the Consumer that covers any material and/or manufacturing defects of the appliance.

This Warranty is applicable in EU member states as well as in the United Kingdom, Iceland, Norway, Switzerland and Turkey. A Consumer is the natural person who was the first one to purchase the appliance from the Manufacturer, OEM or dealer and who neither resold the appliance in a commercial or self-employed professional capacity nor installed it for a third party in such a capacity.

The Manufacturer's Warranty covers any of the aforementioned defects that occur within 24 months upon concluding the purchase agreement between the seller and the Consumer. The Manufacturer or an authorised service partner undertakes to remedy such defects

through subsequent fulfilment, i.e. at its discretion either by repairing or replacing the defective item. Defective parts shall become the property of the Manufacturer or the authorised service partner. If the appliance is no longer manufactured at the time of defect notification and if replacement delivery has been opted for, then the Manufacturer may deliver a similar product.

If the Manufacturer remedies a defect under its Warranty commitment, the term of the Warranty shall not start again with regard to the repaired or replaced parts; rather, the original warranty period shall continue to be applicable to the appliance. Only the Manufacturer itself or an authorised service partner shall be entitled to conduct a warranty job. Any costs that occur in the event of a warranty claim shall be settled directly between the authorised service partner and the Manufacturer. The Warranty does not cover additional costs arising from complicated removal or installation jobs on the appliance (e.g. dismantling of furnishings or parts of the vehicle body), and neither does it cover travel expenses incurred by the authorised service partner or the Manufacturer.

No further-reaching claims shall be permitted, especially damage claims presented by the Consumer or third parties. This shall not affect the provisions of the German Product Liability Act (Produkthaftungsgesetz).

The voluntary manufacturer's warranty does not affect the Consumer's legally valid claims for defects against the seller in the relevant country of purchase. In individual countries there may be warranties that can be issued by the relevant dealer (official distributor, Truma Partner). In such cases the warranty can be implemented directly through the dealer from whom the Consumer bought the appliance. The warranty regulations of the country in which the appliance was purchased by the Consumer for the first time shall also be applicable.

12.2 Warranty exclusions

No warranty claim shall be applicable under the following circumstances:

- Improper, unsuitable, faulty or negligent use and any use that is not compliant with the intended purpose
- Improper installation, assembly or commissioning, contrary to operating or installation instructions
- Improper operation or operation contrary to operating or installation instructions, particularly any disregard for maintenance, care or warning notes
- Instances where installations, repairs or any other procedures have been conducted by non-authorised parties
- Consumable materials and parts which are subject to natural wear and tear
- Installation of replacement, supplementary or accessory parts that are not original manufacturer's

parts or which have not been approved by the manufacturer. This applies in particular if the appliance is subject to networked control, if the control units or the software have not been approved by Truma or if the Truma control unit (e.g. Truma CP plus, Truma iNetBox, Truma iNet Panel, Truma iNet X Panel) has not been exclusively used for controlling Truma appliances or appliances approved by Truma.

- As a consequence of damage arising from foreign substances (e.g. oil, or plasticisers in the gas), chemical or electrochemical influences in the water, or cases when the appliance has come into contact with unsuitable substances (e.g. chemical products, flammable substances or unsuitable cleaning agents)
- Damage caused by abnormal environmental or unsuitable operating conditions
- Damage caused by force majeure or natural disasters or any other influences not within Truma's responsibility
- Damage resulting from improper transport
- End customer's or third-party modifications of the appliance, including any replacement, supplementary or accessory parts, or installation of the same, especially concerning the exhaust gas system or the cowl.

12.3 Making a warranty claim

The warranty must be claimed with an authorised service partner or at the Truma Service Centre. All the relevant addresses and phone numbers can be found at www.truma.com, in the "Service" section.

The Manufacturer's address is:

Truma Gerätetechnik GmbH & Co. KG
Truma Servicezentrum
Wernher-von-Braun-Straße 12
85640 Putzbrunn, Germany

To ensure a smooth procedure, we would be grateful if you could have the following details ready before contacting us:

- Detailed description of the defect
- Serial number of the appliance
- Date of purchase

The authorised service partner or the Truma Service Centre will then specify the further procedure. To avoid transport damage, the affected appliance must only be shipped by prior arrangement with the authorised service partner or the Truma Service Centre.

If the warranty claim is recognised by the Manufacturer, then the transport expenses shall be borne by the same. If no warranty claim is applicable, the Consumer

will be notified accordingly and any repair and transport expenses shall then be the Consumer's liability. We ask you not to send in an appliance without prior arrangement.

EN Should problems occur, please contact the Truma Service Centre or one of our authorised service partners (see www.truma.com).

In order to avoid delays, please have the unit model and serial number ready (see type plate).

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