

Truma iNet X Panel / Truma iNet X Pro Panel

EN Operating instructions
To be kept in the vehicle

Page 02

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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 X Panel and the Truma iNet X Pro 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
Display	Screen, display
Bluetooth	Standard for data transfer between devices over short distances, using radio technology

2 Intended use

2.1 Proper use

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

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

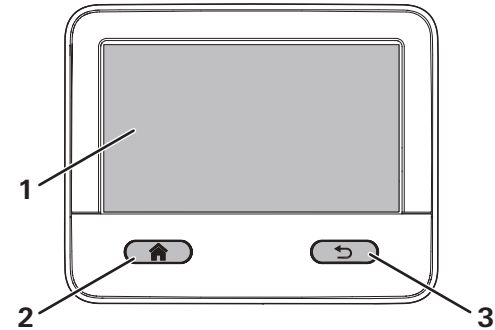


Fig. 1



- 1 Display
- 2 Home button
- 3 Back button

4.1 Display

The control panel has a display (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 display 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

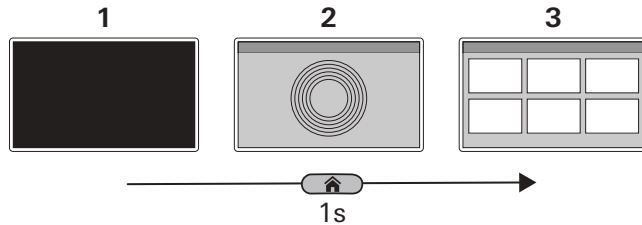


Fig. 2

- 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.

- ⓘ Switching off the control panel also switches off all of the connected heaters and air conditioning units.

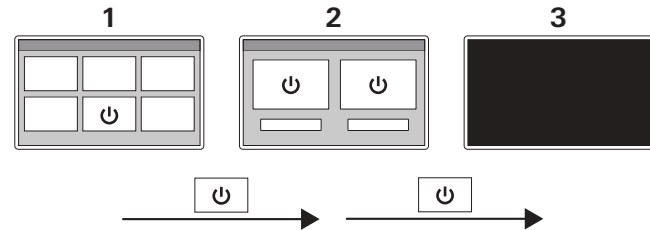


Fig. 3

- 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.

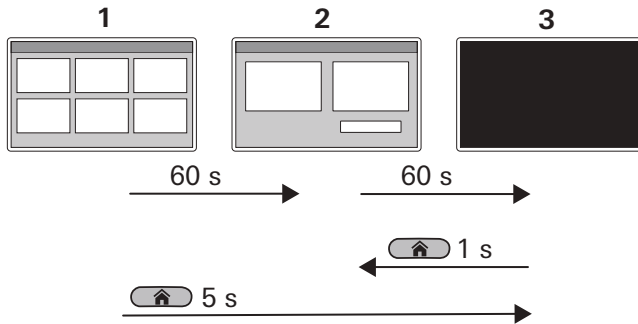


Fig. 4

- 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 Some devices are switched off in standby mode, depending on the device configuration, and some devices remain switched on. The configuration is dependent on the devices installed and cannot be set.

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 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.
- It is only possible to set the start and end time of a desired period (timer function) using the remote control of the air conditioning unit.

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 from the following page: <https://www.truma.com/truma-inetx-app>

The QR code will also take you to the site.



Several 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 display and the app instructions on the mobile device.

6 Faults

Listed below are some actions that can be taken to rectify faults. If the measures taken are unsuccessful, please contact TrumaService for Truma devices – for devices made by other manufacturers, please refer to the relevant service department.

Control panel cannot be switched on.

- ▶ 12 V \equiv Check 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
Display	TFT-LCD 4.3" (resistive)
Operating temperature	-30 °C to + 60 °C
Storage temperature	-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	type. 12 V $\overline{=}$ (8 V–16 V $\overline{=}$)
Power consumption	type. 1.5 W
Battery	Battery CR 2032
Weight	approx. 150 g
Dimensions	96.7 x 120.1 x 31 mm (LxWxH)
Protection class	Class III
Protection type	Front: IP20 Back: IP00

Dimensions

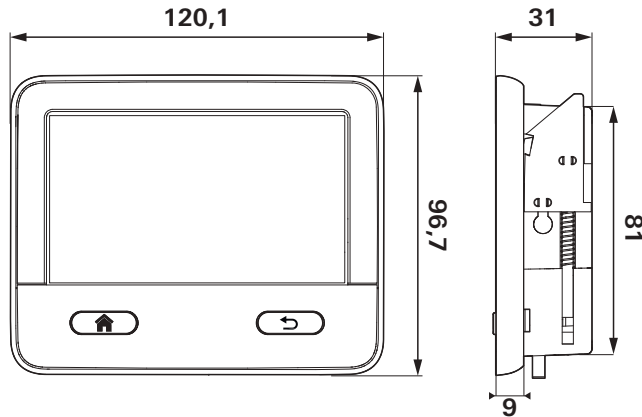


Fig. 5

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 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 addresses and telephone numbers can be found at www.truma.com in the "Service" section.

The Manufacturer's address is:

Truma Gerätetechnik GmbH & Co. KG
Truma Service Centre
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.

Konformitätserklärung (Declaration of Conformity)

Dokument Nr. (Document no.): 600287-000-03

**Die alleinige Verantwortung für die Ausstellung dieser Konformitätserklärung trägt der Hersteller:
(This declaration of conformity is issued under the sole responsibility of the manufacturer):**

Name (Name): Truma Gerätetechnik GmbH & Co. KG
Adresse (Address): Wernher-von-Braun-Straße 12, 85640 Putzbrunn
Deutschland / Germany

Produkt (Product):

Funktion (Function): Digitales Bedienteil (Digital control panel)
Typ (Type): iNet X
Ausführungen (Versions): Truma iNet X Panel, Truma iNet X Pro Panel

**Das Produkt erfüllt die einschlägigen Harmonisierungsrechtsvorschriften der Union:
(The product is in conformity with the relevant Union harmonisation legislation):**

2014/53/EU Funkanlagen-Richtlinie (Radio Equipment Directive)
2016/426/EU Verordnung über Gasverbrauchseinrichtungen (Gas Appliance Regulation)

**Folgende (harmonisierte) Normen und andere technische Spezifikationen wurden zugrunde gelegt:
(The following (harmonised) standards and other technical specifications were used):**

EN 14459 :2015, EN 13611:2015, EN 300 328 V2.2.2:2019
EN 62311:2008, EN 62479:2010, 1999/519/EC:1999
EN 60730-1:2016, EN 61000-6-3:2007+A1:2011+AC:2012, EN 55022:2010+AC:2011, EN 55014-1:2006+A1:2009
Entwurf EN 301 489-17 V3.2.0:2017, Entwurf EN 301 489-1 V2.2.0:2017, EN 62368-1:2014+AC:2015

**Folgende notifizierte / benannte Stelle wurde ins Konformitätsbewertungsverfahren einbezogen:
(The following notified body has been involved in the conformity assessment procedure):**

BSI Group The Netherlands B.V., John M. Keynesplein 9, 1066 EP Amsterdam, NL, Kennnr.

(Notified Body no.): 2797

Maßnahme (Intervention): EG-Baumusterprüfung nach Verordnung 2016/426/EU
(EC-type examination acc. to Regulation 2016/426/EU)

Bescheinigung (Certificate): CE 706368

**Folgende notifizierte / benannte Stelle ist als überwachende Stelle einbezogen:
(The following notified body has been involved in surveillance):**

DVGW CERT GmbH, Josef-Wirmer Straße 1-3, 53123 Bonn, DE, Kennnr. (Notified Body no.): 0085

**Das KBA, 24932 Flensburg, Deutschland hat folgende Typgenehmigung(en) erteilt:
(The KBA, 24932 Flensburg, Germany issued the type approval(s)):**

E1 10R-06 8777

Unterzeichnet für und im Namen von (Signed for and on behalf of):

Truma Gerätetechnik GmbH & Co. KG



Lars Ludwig

Technischer Geschäftsführer (Managing Director Technical)

Putzbrunn, 01.09.2021

UK Declaration of Conformity

Document no.: 600343-000-03

This declaration of conformity is issued under the sole responsibility of the manufacturer:

Name / Address: Truma Gerätetechnik GmbH & Co. KG
Wernher-von-Braun-Straße 12, 85640 Putzbrunn
Germany

Product:

Function: Digital control panel
Type: iNet X
Versions: Truma iNet X Panel, Truma iNet X Pro Panel

The product is in conformity with the relevant UK legislation:

Radio Equipment Regulations 2017
Regulation 2016/426 on gas appliances as brought into UK law and amended

The following standards and other technical specifications were used:

EN 14459:2015, EN 13611:2015, EN 300 328 V2.2.2:2019
EN 62311:2008, EN 62479:2010, 1999/519/EC:1999
EN 60730-1:2016, EN 61000-6-3:2007+A1:2011+AC:2012, EN 55022:2010+AC:2011, EN 55014-1:2006+A1:2009
Draft EN 301 489-17 V3.2.0:2017, Draft EN 301 489-1 V2.2.0:2017, EN 62368-1:2014+AC:2015

The following assessment body has been involved in the conformity assessment procedure:

BSI, Holywell Park, Ashby Road, Loughborough, LE11 3AQ, UK, Notified Body Number 0086

Intervention: EC type examination acc. to Regulation 2016/426

Type Examination Certificate: UKCA 743800

Surveillance Certificate: UKCA 742109

The KBA, 24932 Flensburg, Germany issued the type approval(s):

E1 10R-06 8777

Signed for and on behalf of:

Truma Gerätetechnik GmbH & Co. KG

A handwritten signature in blue ink, appearing to read 'Lars Ludwig', with a stylized flourish at the end.

Lars Ludwig
Managing Director Technical

Putzbrunn, 01.09.2021

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).

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

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