



Truma iNet X Pro Panel fit for OEM

Knaus Tabbert did it. Carthago did it too. Trigano did it as well. They are the first motorhome manufacturers to implement the new Truma iNet X Pro Panel in selected RVs. Actually Weinsberg-models of the Knaus group, Malibu-models of Carthago and CI-, Roller Team- and Benimar-models from the Trigano group are equipped with the new and comfortable electronic system from Truma

Words Peter Hirtschulz

The Truma iNet X Pro Panel is only factory fitted by RV manufacturers and cannot be retrofitted. The Pro version, which is integrated in the original system, interfaces originally with the vehicle's standard ECU and allows numerous additional functions for viewing and controlling the on-board peripherals (tank level, battery level, light control, etc.) which are not possible in the panel version for the aftermarket. To date, the Truma iNet X Pro Panel is already installed as standard on some models of Knaus Tabbert (Weinsberg), Carthago (Malibu) and Trigano (CI, Roller Team and Benimar). And it is expected that motorhome owners who have installed the after market version Truma iNet X Panel will be very much satisfied with the new comfort. And consequently, they and probably many other new buyers will expect in future to have this OEM-tool being standard of an RV.

This expectation is based on the many benefits Truma iNet X offers, especially in the OEM version. The Truma iNet X Pro Panel is only factory-fitted for vehicle manufacturers, while the

Truma iNet X Panel is available for retrofitting. The compatible devices differ from each other in some cases. The biggest difference lies in the connection of sensors and the electrical block - this is only possible with the Truma iNet X Pro Panel and thus allows the display of level sensors and the control of switches. In addition the Pro Panel-version supports more devices, such as the heating system ALDE 3020 for example. The iNet X-story started already some years ago: in the very beginning Truma's iNet system, launched in 2015, set new paths, earning the European Innovation Award in 2016. It does not only allow to control functions such as heating and air conditioning from a convenient central panel, but also allows to control all these functions remotely, via a smartphone app with a minimum 2G signal on both sides. The reason iNet can work with such a basic signal is that it relies on text messaging to send commands. This is sufficient for a wide variety of functions, but communication technology has made great strides in the space of six years. 4G is now the norm and 5G is already



Trigano installs Truma iNet X Pro Panel as standard



Massimo Lori

rolled out in many areas. Furthermore, the so-called 'Internet of Things' (IoT) is now really within reach, and sooner or later almost everything will be connected to the network. Thus Truma has created a completely updated version of its iNet. The result is called the iNet X System, a brand new system that Truma describes as "a dazzling path to the future of travel".

With the reliance on text messaging gone, we now have a whole new range of advanced communication and control protocols in its place. The highlights of the new product are its open design and a new central operating system. This makes it easy to add new devices when needed, since the software can be updated remotely to ensure that the system is always "up to date". Control takes place via an intuitive color touchscreen panel or via a smartphone APP that uses the 4G network. The Truma iNet X APP has the same sophisticated navigation menu and appearance as the control panels and is therefore very easy to use. The connection is currently via Bluetooth.

Finally the Truma iNet X Panel and Truma iNet X Pro Panel are both components of the Truma iNet X System and based on the same technology. Both are updatable and expandable. The design and operation are also identical. But as already mentioned the Truma iNet X Pro Panel is only factory fitted for vehicle manufacturers, while the Truma iNet X Panel is a product for the aftermarket. A big advantage of the Pro Panel-version is the marketing support for the manufacturers provided by Truma. Thus Truma is prepared to support individual solutions in this field to be used by the manufacturers for their individual marketing activities.

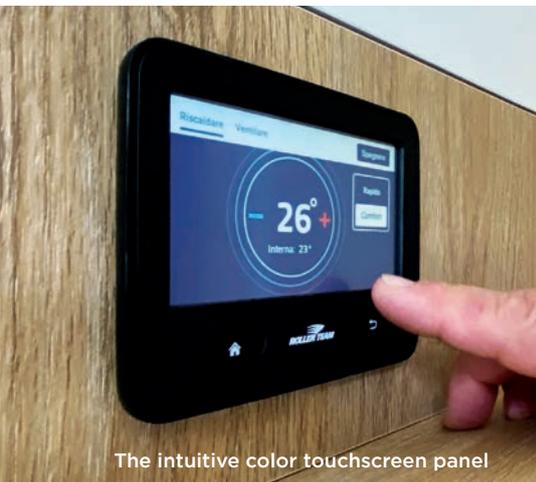
Important to know, retrofitting the Truma iNet X Pro Panel is not possible. For this reason, it is not only desirable for future vehicle generations, but it certainly will be soon standard at a certain quality level, to be equipped with the Truma iNet X Pro Panel, in order to fulfil the comfort wishes of the customers already in the original equipment.

Among the vehicles which have the Truma iNet X Pro Panel installed as standard, there are some Trigano models from the brands Caravans International, Roller Team and Benimar. We asked Massimo Lori, Product Development Manager at Trigano Spa and SEA Spa, to tell us what reasons led them to choose this product.

"We decided to include iNet X Pro on our brands for a few reasons, but mainly because, in our opinion, the current systems, both ours and Truma's, were not user friendly enough. For a novice customer, it is not easy to turn on the heating, plan it and use all the utilities. Until now, all of our panels and devices were quite old-fashioned. I don't like to force users to read manuals or to necessarily have an expert with them who can explain how the devices and the electronics we install work.

We believed (and we have ascertained) that this system was much more user-friendly than the systems previously installed and, above all, we wanted to integrate both the management of the heating part and other functions relating to the vehicle into a single system. This system, in fact, represents the heart of the vehicle: it not only manages the heating, but allows numerous additional functions for displaying and controlling the on-board peripherals, from the air conditioning, to the tank and battery levels, up to the control of the lights. We have therefore taken a step forward for our customers.

Ultimately, our smartphones have certainly become an integral part of our daily life and help us make life easier. Having an App that can program and control the vehicle remotely, even if (for now) only via Bluetooth, is an important element for us. Home automation is already a reality in many homes and with a smartphone you can manage sockets, televisions, refrigerators and heating. This is also the future of recreational vehicles and we want to be protagonists of innovation".



The intuitive color touchscreen panel

COMPARISON OF TRUMA CONTROL UNITS		iNet X	iNet X Pro
Intuitive control of the app via Bluetooth		Yes	Yes
Control of Truma devices (heating / water, air conditioning)	Combi (D) (E) Saphir, Aventa	Yes	Yes
LevelControl		Yes	Yes
Control of Alde devices	Alde 3020 HE	No	Yes
Air conditioners from other manufacturers	Dometic Freshjet	Yes	Yes
Integration of: level sensors (battery, water) and switches (main switch, pump, multimedia, light)	EBL, IBS Adapter	No	Yes
External / internal temperature sensor on the panel		Yes	Yes
Future expansions with new products and services		Yes	Yes
Precise fault designation with advice on solutions		Yes	Yes