

Convenience and security even at a distance



Teleco's HUB interface allows users to monitor and control various Teleco devices installed on board their RVs remotely, such as air conditioners, generators and satellite dishes.

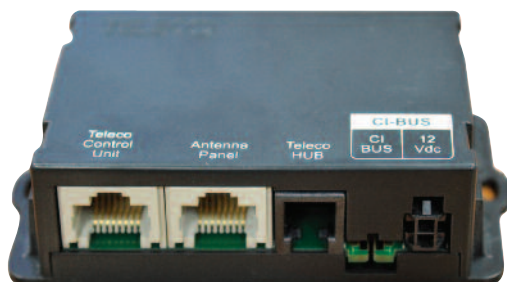
Words Andrea Cattaneo

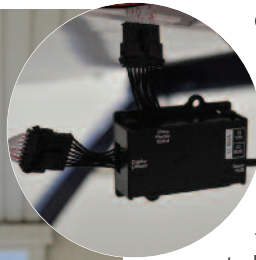
Teleco introduces a new product, ready to become a strong sales item for manufacturers and retailers alike: the HUB is the latest interface designed to dialogue with Smartphones, providing not just information, but 360 degree functionality as well. Via its dedicated software, the all-new Teleco HUB control unit can simultaneously monitor various Teleco accessory devices installed on motorhomes, connecting to one or more Smartphones remotely. "We've designed the Teleco HUB from a smart perspective," explains Vittorio Simioli, founder and co-owner of Teleco, "in order to provide a better and more simplified user

experience, with extra security features. By means of a dedicated Smartphone App, a dialogue is established with the motorhome, monitoring and controlling three types of Teleco devices: air conditioners, generators and satellite dishes. And the Teleco HUB can also be connected to an alarm system and a variety of on-board services. We've designed a simple and intuitive graphic interface that is extremely easy for anyone to operate." The application is compatible with common Android and Apple IOS operating systems, as well as the CI-BUS standard. Up to four telephone numbers can be connected, with two connection modes between the HUB and a Smartphone: Bluetooth operability can be used in the vicinity of the vehicle, while the GSM network can be used at greater distances, sending and receiving SMS messages. A Micro SIM Card must be inserted into the unit in order to connect to the telephone network. Let's take a more detailed look at just what the Teleco HUB is capable of. Starting with satellite dishes: a rooftop antenna can be closed remotely, for instance when users are far



from their motorhome and a storm with strong winds is expected. The opening and orientation of the satellite dish are only possible via Bluetooth, therefore in the immediate vicinity of the vehicle, because the manufacturer has deemed that it would be too dangerous to raise and rotate a satellite dish remotely, without knowing exactly (or recalling) what might be above the motorhome (e.g. tree branches). The Teleco HUB is compatible with Teleco's series DVBS2 antennas (even those already installed on vehicles, not just the newer generation), using the dedicated IFS interface (7.4x4.7x2.4 cm; weight 40 grams). As for air conditioners, the Teleco Silent and DualClima range can all be connected (even those previously installed on a vehicle), using





the ICL interface (6.9x4.2x2.2 cm; weight 40 grams). The air conditioning unit can be powered on or off at a distance by activating the heat pump or cooling system. The temperature inside the motorhome, preset at 24°C, can be visualized and modified on a Smartphone. As for the generator, a Teleco TIG device can be connected to switch the unit on or off remotely, as well as monitor the status of the auxiliary battery. The generator on board a vehicle can thus be controlled at will, powering on automatically when the battery drops below 12V (stopping automatically after 15 minutes when the auxiliary battery has been restored to around 13.8V). For the moment, the Boost function cannot be accessed via a Smartphone. In addition, the Teleco HUB is also designed to perform other functions. As Vittorio Simioli confirms, "The Teleco HUB can interface with a vehicle to control or disable a variety of units: there are many possible functions, to be selected by users

depending on their needs, or subject to the creativity of installers.

Two relays and two contacts are made available, acting as an interface with the outside world."

For instance, the status of the auxiliary battery, cabin temperature and tank levels can all be controlled, as well as the proper closing of the vehicle's door and hatches. Even the motorhome's internal lighting can be switched on or off remotely. Last but not least, the unit's security features: the Teleco HUB can be connected to magnetic sensors on doors and windows, sending messages in the event of an attempted break-in. An alert can be sent remotely if the engine is started up, signalling an attempted vehicle theft. For such events, Teleco has designed an application that prevents thieves from starting up the engine once it has been shut down. In theory, the vehicle's shutdown can even be controlled remotely, but this is deemed too dangerous. Note that if a motorhome is stolen, the Teleco HUB can locate the vehicle and display its location on a Smartphone. It doesn't act as a satellite location device, since it doesn't have a GPS, and therefore doesn't provide the vehicle's exact position, but via the SIM Card it can pinpoint a motorhome's approximate location (a limited area in which it can be found), making use of phone cells. If the vehicle would ever be recovered in a shielded environment, the last recorded phone cell data would still be available. In essence, the new Teleco HUB interface is a multifunctional accessory designed to provide a truly simplified user experience.

TELECO HUB

Teleco HUB control unit

Connected accessories: Teleco DVBS2 satellite antenna, Teleco TIG generator, Teleco DualClima and Teleco Silent air conditioners

- Power 12 Volt (10-15 Vdc)
- Max. consumption: 300 mA
- Typical power consumption 110mA
- SIM Card format: Micro SIM card
- Number of phones connected via Bluetooth: 4
- Auxiliary outputs: 2 clean contacts 10A 250Vac/30Vdc
- Inputs: 2 digital channels (internal voltage 6 Volts)
- Dimensions: 147x97x35 mm
- Weight: 200g

IFS - ANTENNA Interface

- Serves to connect a satellite dish to the Teleco HUB control unit.
- This solution provides compatibility for all Teleco DVBS2 satellite antennae with the Teleco HUB controller, even those previously installed on vehicles
- Dimensions: 75x47x24 mm
- Weight: 40g

ICL - AIR CONDITIONER Interface

- Used to connect the Telair air conditioner to the Teleco HUB control unit.
- This solution provides compatibility for all Silent and DualClima Telair air conditioners with the Teleco HUB controller, even those previously installed on vehicles
- Dimensions: 69x42x22 mm
- Weight: 40g

