Oyster V Owner Quickstart

This Quickstart is designed to help the new owner of the Oyster V to get familiar with the system. For detailed instructions please refer to the user's guide.

Introduction

The Oyster Vision 3 and its predecessor, the Oyster Digital are fully automatic satellite systems. Both work on the principle of "Last Elevation Memory" or LEM. The system remembers the last position where it found the satellite (in relation to the vehicle) and starts each new search from there. It scans the sky in a 370 degree pattern, changing the elevation angle with every turn. For this to work, the last time the system was used had to be somewhat close so that the settings, in particular elevation and skew angle, are still correct or at least close to correct. Failing this, the system had problems locating the satellite and a "search by location" became necessary.

The new Oyster V does not use the last position. It relies on the information provided by the built in GPS, 3D compass and inclinometer to calculate the position of the satellite.

Installation

1. Power supply
   The Oyster V uses 12-24 Volts. The wire colours are RED (12/24V positive), BROWN (12/24V negative) and BLACK (12/24V ignition plus). The Black wire works as the emergency shutdown to prevent driving off with the system deployed. Additionally, the system uses the Black wire to power the GPS while in motion so it is important that the Black wire is connected to an ignition plus, i.e. a source that only carries voltage while driving. If you are unsure if the automatic shutdown/gps power has been installed properly, test it by driving off slowly and carefully with the system deployed...is it automatically retracting?

2. Wiring loom
   The Oyster V only uses 2 coax cables as a wiring loom. The thick coax cable (f-connectors on both ends) carries all the communication between Featurebox and roof unit as well as the satellite signal. **Therefore it is important to connect the thick coax to the sat-in of the Featurebox!** As the threads of the f-connectors are rather fine, take care not to cross-thread them as this will prevent communication between roof unit and Featurebox. Make sure to tighten the connectors for a good connection.
   The thin copper coax cable (bnc on the roof end, f-connector inside) carries only the 2nd satellite signal. If you are using a multiswitch or splitter it is essential to use the "sat out" signal of the Featurebox. DO NOT SPLIT THE THICK COAX OR USE IT IN A MULTISWITCH. In other words: split the signal AFTER the Featurebox, NOT BEFORE.

3. Wall unit
   The wall unit is identical with the late model V3 wall units with USB interface.

4. App connectivity
   One of the many new features of the Oyster V is the connectivity to your smartphone. Visit Google Play or the Apple App store to download the latest copy of the "ten Haaft APP". You

are then able to communicate with the Featurebox via its WiFi network. Some of the many features are wireless software update, vehicle information such as incoming voltage, signal strength and error logging. Please install the App on your phone and update the software of your system. The Oyster V uses one software version for all countries, therefore everybody will benefit from small software changes equally.

The App's language is preset to German. To change it, press the "gear icon" in the bottom right corner. This will take you to "Einstellungen (Settings)". Click on "Allgemein (General)", then on "Sprache – deutsch" and change it to "english". Pressing the "< key" on the top left will confirm your selection and change the language to English.

To connect your phone to the Featurebox, the QR scanner of the phone is used. The app will start your phone's QR scanner automatically when you go into the Settings/Network/WiFi QR Scanner menu. Every Featurebox has a QR sticker and comes with additional stickers which can be placed in a convenient spot.

Please update the software regularly. Just start your app. If new software is available it will automatically prompt you to download it. Then connect to the Featurebox with your phone. Click on the gear icon, then "Update". The update will start automatically or it will confirm that the software is up to date.