The new HX300E the worlds 1st Marine Handheld VHF transceiver to feature a USB recharging point

January 8, 2013

Remaining at the cutting edge of marine electronics innovation, Standard Horizon is proud to announce the first Marine VHF Handheld to offer the ability to charge via a USB port. Due to the widespread popularity of the USB charging system, finding the correct charger for your handheld has never been easier.

The new ultra compact, high-capacity 1650 mAh 3.7V lithium-ion battery, allows for a much more compact case size and remains light enough to float face up if dropped in the water. Retrieval of the unit is further assisted by a large bright red flashing LED strip along the bottom of the front panel, which activates upon contact with the water. An added feature is that this light will enable even if the radio itself is switched off.

The HX300E is waterproofed to IPX-8 standards (submersible to 1.5 metres for 30 minutes); as with all their products, Standard Horizon is so confident of the build quality that it comes with a three-year waterproofing guarantee.

Transmit power is switchable between Low (1W) and High (5W), and there is a time-out facility which limits transmission time to 5 minutes thus preventing unintentional (prolonged) transmissions. Where no charging facilities exist, a dry cell option battery holder, FBA-44, can be used, allowing the radio to be powered by 3 AAA dry cells.

The HX300E features large keys and a bright back-lit display, with battery level, charging, squelch and volume on screen icons. The HX300 has the ‘E2O’ (Easy To Operate) menu system, this system allows easy access to all of the setup functions of the radio, making it easy to customise settings based on the preferences of the user.

Channel names can also be customised to be more easily understood, and the programmable scan, priority scan and dual/Tri watch functions mean you are unlikely
to miss an important call. A preset key allows the quick selection of the 10 most used channels.

ATIS (Automatic Transmitter Identification System) functionality is supported and can be fully programmed and switched on and off via the front panel. ATIS is a vessel identification system used on inland waterways in many areas of mainland Europe.

Ergonomically designed and ruggedly built, the HX300E is not only competitively priced, but also offers unrivalled flexibility due to the unique USB recharging facility ideally suited for sailors on the move.

Technical Specifications:
Size: 59 x 128 x 33mm
2.3 x 5 x 1.3in
Weight: 240g (8.4oz) with FNB-1221Li
Frequency ranges: TX: 156.025 MHz – 157.425 MHz
RX: 156.050 MHz – 163.275 MHz
Emission type: 16KOG3E
Operating voltage: 3.7V DC
Current consumption: 330mA (Receive, typical at AF max).
20mA (Standby)
2.3A / 0.9A (TX 5W/1W)
Battery: 1560mAh Lithium Ion
Battery life: 10 hours (5 mins RX/5 mins TX/90 mins standby)
RF power output: 5W/1W @ 3.7V
AF output: 600mW@ 8 Ohms for 10% THD

On Show at the 2013 Tullett Prebon London Boat Show on Stand C169

Standard Horizon is part of Yaesu Musen Co Ltd, which was formed in 1956. They manufacture and sell amateur radio communications equipment under the Yaesu brand.

Yaesu Musen Co Ltd has regional offices in the USA, UK, and Hong Kong, and is represented in most countries of the world by dealers and distributors.