

QK-A021

WIRELESS AIS RECEIVER

WITH GPS + SEATALK CONVERTER

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Disclaimer

It is the user's responsibility to use this product prudently. Neither Quark-elec, nor their distributors or dealers accept responsibility or liability either to the product user or their estate for any accident, loss, injury or damage whatsoever arising out of the use or of liability to use this product.

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All products are CE, RoHS certified

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This is an overview only. Familiarize yourself with the manual and the manuals of any connecting devices before installation. Designed to be connected by an experienced installer.

BEFORE YOU LEAVE YOUR HOME:

Drivers and configuration software are optional and only needed for specific features.

Consider if you have a CD reader/internet access on site if you want to use the following options:

To access your data on a Mac/Linux/Windows PC

- Driver required if using Windows and should install automatically, if not, it is included on the free CD and to download from the Quark-elec website. Drivers not required for Mac or Linux.

The software and specific instructions are included on the free CD and as a download from our website.



INSTALLATION

1. Mounting: consider your location...

Select where your QK-A021 is to be sited; it will need to be close to a device to plug into but it should also not be used close to generators or compressors (e.g. refrigerators) as they can generate substantial RF noise. It is designed to be used in a protected indoor environment and is NOT waterproof. Generally, a suitable placement of the QK-A021 is together with other types of navigation equipment and the PC that will be used to display the output data. The QK-A021 is designed to be ultra-portable and convenient but should only be used where it is well protected from humidity and water.

2. Connect your antenna: VHF and GPS

The QK-A021 is not supplied with a VHF antenna as the type of antenna and cable requirements differ from vessel to vessel. A suitable VHF antenna will need to be connected before the receiver will operate fully. AIS communication system frequencies are close to the duplex VHF channels used for marine communication, the antenna should be separated as much as possible (ideally at least 3 meters) from the voice communication VHF antenna to avoid unnecessary adjacent channel interference. Best separation is achieved by installing the antennas over each other or on separate sides of the mast. If an existing VHF transmitting antenna is used to receive AIS signals, proper separation equipment (e.g., an active VHF antenna splitter) should be applied.