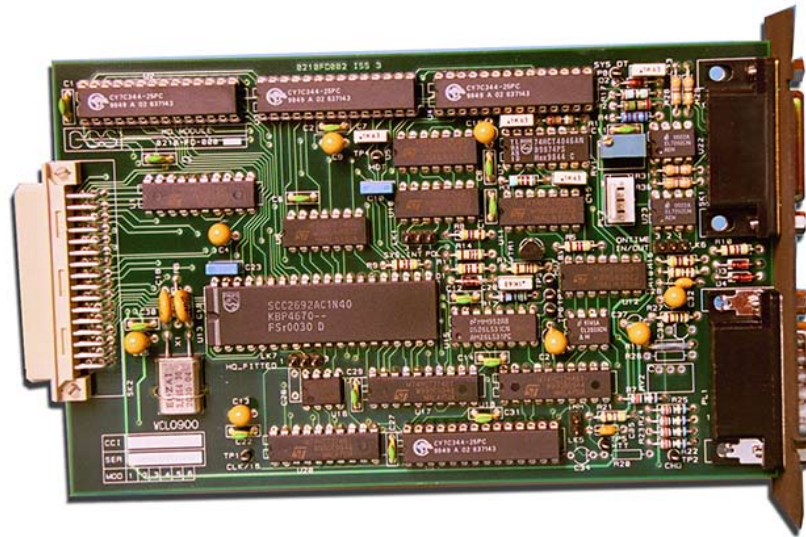


HaveQuick Interface Module

For use with Time & Frequency Solutions' M210 and M211 Modular Timing Systems. This module is for specific applications where time of day (TOD) is required for use in a secure radio system.



Features

- Choice of configuration options:
 - Optimised for connection to many radio subsystems to ensure easy integration
- Configurable with:
 - Havequick [I, II & IIa]
 - Quickfox
 - SATURN

Module Benefits

The Havequick Interface Module is versatile and it can be easily configured for either:

1. Transmission of TOD to radio subsystem
2. Reception of TOD from external source.

The Havequick Interface Module is optimised for connection to a number of specified radio subsystems, ensuring that integration of the requirement for TOD information is easily achieved.

Furthermore, the module can be configured for operation with Havequick (I, II, and IIa), Quickfox and SATURN formats.

HaveQuick Interface Module Specifications

Module Connections

The data connections to the radio subsystem are provided by a 15 way D type socket and a 15 way D type plug. The 15 way D type socket is configured for use with a specific radio subsystem, whilst the 15 way D type plug provides all the required signals for use with any radio subsystem. Through the use of both a socket and a plug, incorrect connections are eliminated. The Havequick Interface Module is capable of providing TOD for up to 20 radios.

Interface Protocols

The data interfaces conform to the Havequick I, Havequick II, Havequick IIa, Quickfox, and SATURN standards and specifications. When used in conjunction with the 800kHz Disciplined Oscillator Module, the Havequick Interface module also provides a highly stable 800kHz frequency output for use with the radio subsystem. This signal is capable of driving up to 20 radios.

User configuration

The module is fully configurable for the required interface protocol by means of the user menus on the timing system. For reception of TOD information, either channel A (15 way D type plug) or channel B (15 way D type socket) can be selected, again by means of the user menus. All such configuration details are stored in non-volatile memory.

Environment)Operation & Storage)

Temperature : 0°C to +40°C

Humidity : Up to 95% RH (non-condensing)

EMC : CE Compliant

Ordering Information

Please quote part number when ordering: 0210KE000X

As we are always seeking to improve our products, the information in this document only provides general indications of product capability, suitability and performance, none of which shall form any part of any contract.