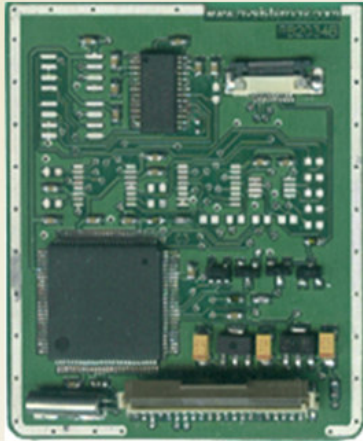




HV Sistemas S.L.

Trustworthy radio data transmission

remote control and general purpose board for PROIS radios



HV Sistemas P8603 is a general purpose board intended for use with Professional Series Motorola mobile radios. This board incorporates also a RS-232 (optionally RS-422 or RS-485) serial port in order to enable the radio to be controlled from an external computer. This board is available with several standard control protocols, and can also be custom tailored to incorporate different control protocols, proprietary protocols, or additional features.

Some of the basic control functions provided by this board for remote control and monitorization of the radio are:

- Channel monitorization (channel number, carrier detect status, PL/DPL detect status)
- PTT Activation/Desactivation
- Selcall coding through the serial port
- Selcall decoding with serial port output



Also, under customer requirements, other PROIS-supported functionalities can be added.

Optionally, the board can include a modem (FFSK or GMSK) in order to enable other kind of functionalities, like over radio monitorization and control, or presentation of information on the radio display.

Specifications*

Power supply	Internal from radio, through PROIS connector
Data interface	RS-232, with hardware or software flow control Optionally, RS-422 and RS-485
Optional modem	Compatible with HV Sistemas P8402, with similar characteristics
Supported functionalities	Dependant on the board firmware, being possible to adapt it to customer specific requirements
Control protocol	Dependant on the board firmware, being possible to adapt it to customer specific requirements
Size	Standard PROIS board for use with Professional Series Motorola mobiles and keypad-less portables

* Specifications subject to change without notification