

FC340B Multi Function Radio Switch

The EnTek FC340B is a full sized multi function switch for use in demanding applications such as high current control or where multiple relays are required. The FC340B will support all major legacy formats as well as a number of highly advanced formats offered exclusively by EnTek. Board in door construction is employed to facilitate ease of maintenance or retrofit operations. The FC340B can support VHF communications and ZigBee or other 2 way communications via a multi purpose communications port.

As is consistent with all EnTek receivers, the FC340B employs an integral Infra Red Port for ease in local programming and for local data collection. All local data is also available on the 2 way communications port and can thus be transported via the 2 way network. Many formats support remote addressability and / or remote provisioning. The FC340B uses state of the art receiver technology and flexible 2 way technology to assure long product life and superior performance. The EnTEk FC340B line is designed for compatibility with legacy systems as produced by Scientific Atlanta and Comverge.



* Shown with
Optional J Box

The FC340B contains two 5 amp relays and up to two 30 amp relays for high current applications. All relays are fully mappable from one function to other functions or in multiples for applications such as Heat Pump or Thermal Storage use

The FC340B will fully emulate the popular Motorola Golay 23,12D, REMS 100, REMS 101 / 102, SA Digital (1170) Fisher Pierce 11 bit, SA 105, 205 or 305 formats. More advanced modes such as the Smart Golay Switch will allow user selectable time outs to be embedded in the transmitted messages. Distributed Intelligence is available as well as concurrent Direct Load Control providing highly advanced control methodology whether in VHF or suitable 2 way mode.

The FC340 maintains and reports critical information about its service history and its environment. With the aid of a Handheld Data Collection tool or the 2 way RF module, this information can be placed into a file to be later transferred to a data analysis platform. This data can then be used to make high level evaluation of the system performance. Critical information such as received signal strength and relay operation history are readily available. In more demanding situations, time stamp information can be retrieved giving the exact time and date of the last several operations.

Specifications for VHF :

Sensitivity Better than 10 microvolt per meter
Spurious and image rejection 70 db typ
Selectivity 70 db typ @ +/- 20 KHz
Operating Temperature -20 to +65 Deg C

Enclosure High Impact Polycarbonate
Antenna Internal Standard - external optional
Programming IRDA - all models RF - Some Models

Please visit our website at www.entekllc.com for information on these fine EnTek products



PTT 2000
Portable
Test
Transmitter



TC240
Miniature
Receiver



MC140
USNAP Enabled

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