



## FC340 Multi Function Radio Switch

The EnTek FC340 is a full sized multi function switch for use in demanding applications such as high current control or where multiple relays are required. The FC340 will support all major 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.

As is consistent with all EnTek receivers, the FC340 employs an integral Infra Red Port for ease in local programming and for data collection. Many formats support remote addressability and / or remote provisioning. The FC340 uses state of the art receiver technology to assure long product life and superior performance.

The FC340 houses two 5 amp relays and up to two 30 amp relays for high current applications. All relays are fully mappable from function to function or in multiples for applications such as Heat Pump or Thermal Storage use



\* Shown with  
Optional J Box

The FC340 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.

The FC340 maintains and reports critical information about its service history and its environment. With the aid of the PDC 3000 Handheld Data Collection tool or the Info-Com 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 :

**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

2 Channel Adaptive Control and 2 way interface

For further information contact EnTek at one of the following numbers :

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