

MCS-710 operational description

The MCS 710 is a wireless siren/sounder powered by Lithium non-rechargeable batteries, to be used in conjunction with Visonic's burglar alarm control panel.

The siren has communication via its RF (315 MHz) data link with the control panel.

It is communicating via its RFR receiver module and RFT transmitter module, both of which are controlled by its microprocessor. The type of RF modulation used is ASK (ON OFF KEYING). The RFR module has a small helical antenna which is a part of the module, while the RFT has a straight wire antenna.

The siren reacts to the control panel instruction, but has also autonomous operations such as self test, light flashing, and reporting on batteries (low) status, as well as "tampering sensors which report on whether the housing cover is removed or the unit is shifted from its fixed installation.