



The **POWERITE** F.M. remote control systems can provide total remote control of all your pool equipment and outdoor electrical devices from the one portable water proof hand set (transmitter).

- 2, 4, and 8 channel standard, custom built or special designs.
- Upgrade your existing installation to provide remote operation with this simple to install unit.
- F.M. operation with working range up to 200 metres without line of sight between receiver and transmitter as with infrared systems.

RANGE DETAILS



**Standard
2 Channel Unit**



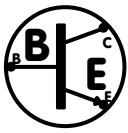
**4 Channel Unit with
Filter Time Clock**



**4 Channel Unit with
Local Controls**



**8 Channel Unit with Filter &
Cleaner Timer Added**



TRANSMITTER



The portable waterproof hand held transmitters are supplied with a Wall Holder and Function Label Set & powered by a 9 volt battery, is crystal controlled for operation within the 27MHz band. The transmitter/handset provides FM remote control on all output functions and line of sight between the receiver and transmitter is not required to operate the system.

To activate the transmitter, the selected touch-pad is depressed on the handset which is optically verified by a LED (Light Emitting Diode). The selected load is then operated on the receiver/output module.

Power from the battery is only used when the handset is being operated hence the battery should only require changing every 1 or 2 years under normal operation.

A superior frequency modulated radio signal has been used for improved reliability especially in Electrical Noisy Areas to provide the highest possible standard of performance.

The 2, 4 & 8 channel units employ a digital coding system controlled by a 9 way code switch, a selection of 1024 different codes are possible, ensuring security against false operation.

The transmitter is capable of a working range of up to 200 metres (longer on request) and does not require to be licensed.

RECEIVER



The 2Ch, 4Ch & 8Ch receiver/output module is housed in a IP33 outdoor enclosure with a lead to plug into a standard 240V powerpoint.

Output sockets are provided on the bottom of the enclosure to enable loads such as garden lights, pool filter, pool lights, to be connected.

When the receiver is connected to a standard 240V powerpoint and the loads are "Plugged in" you have finger-tip remote control operation from anywhere - inside or outside your home, with no switch wires required.

CONTROL MODULES

To provide Local and Remote Control and indication of the operation of the system a local or remote hard wired module can be fitted.



2Ch Remote 4Ch Remote 8Ch Remote



4Ch Outdoor Remote Module



4Ch Local Module Fitted to 4Ch Unit

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