

PAR-21MA - Now with added new features and benefits...

The PAR-21MA is Mitsubishi Electric's standard remote controller supplied across our entire range of Mr Slim split system air conditioning units.

This remote controller has been used for the last few years and includes a seven day time clock as standard. With an easy to read LCD display and simple push button design, the PAR-21MA is widely used by many clients and many different applications.

Three new features were introduced in the latter part of 2008 (in conjunction with our new split systems) which have made the PAR-21MA even more versatile and could save money on traditionally used expensive control panels that up until now had to be utilised.

These features are ideally suited to critical areas such as IT server rooms where two separate systems might be installed to provide back-up in the event of one system failing (as maintaining the correct temperature is critical to keep IT equipment working). The indoor fancoils in such a room would be referred to as the master and sub units. Both the master system and sub system should be capable of achieving the room setpoint by operating alone.

ROTATION

Only one unit need operate at a time, but the second unit is there for back up in the event of a failure. When two indoor units (a master and sub unit) operate alternatively the PAR-21MA can be set up so that the two indoor units switch over their operation every 1, 3, 5, 7, 14 or 28 days. The number of days are selectable on the remote controller and will switch between the two indoor units depending on the number of days selected. This means that each system works an equal number of hours per week, which evens out the strain put on each system fairly.

BACK UP

If the first master unit should go into fault or fail, the sub unit will automatically operate and act as a back up. Previously this could only be achieved by installing run and fault adaptors and installing an expensive panel to switch between the two.

JOIN IN

Should the master outdoor unit fail to reach the set temperature within a space, the sub unit will switch on and operate in conjunction with the master unit.

The 'Join In' is for the cooling mode of the air conditioning. Once the set temperature is achieved, the sub unit automatically stops operation. Preset temperature difference is selectable from 4, 6 or 8 degrees celsius.

If we add our mini M2M GPRS controller to the above set-up, which has the facility to e-mail or text message facility teams, maintenance departments or engineers, then rooms in remote locations can easily be monitored and faults reported. All in the knowledge that should there be a problem with a unit failure or difficulty in maintaining a set temperature on very hot days, the PAR-21MA will be there to assist.

In addition to the above the PAR-21MAA controller has a seven day timer built in with up to 8 operations per day. For example, this means you can bring the unit ON at 23 degrees heating at 8 am, then change the set point to 21 degrees heating at 11 am, then 21 degrees cooling at 2am and then OFF at 6pm. This will have used 4 out of the 8 operations for that day. Each day can be set with the same pattern or a different one depending on your requirements.



'The PAR-21MA is even more versatile and could save money'



For further details on the PAR-21MA or our M2M, please call the Corporate Sales Department on **0870 3000 070**.