

An EXCITING NEW OPTION from PA Matthews Audio!

MASTER AIR CONDITIONING CONTROL

“MACC” is Available to all schools who are installing, or have already installed our “Total School Communications” system!

Electricity costs are going up. The last thing you need is precious school funds being unnecessarily eaten up in utility costs. The most expensive appliances to run in your school are class room air conditioners.

Busy school staff often forget to switch air conditioners off when they don't need them. This means they can end up running all night, over the weekend or even during an entire holiday break – costing the school thousand\$ in extra electricity costs!

Until now, energy saving “power cut off” systems have been prohibitively expensive for schools to install – due to the complex layout of most schools which have multiple buildings sprawling over big campuses.

But NO MORE! PA Matthews Audio can now offer you a complete energy management solution to control ALL the air conditioners in your school class rooms – from the front office. Simply program it to shut off at the end of each school day or even during recess and lunch breaks. Its that simple.

HOW DOES MACC WORK?

Our MACC solution costs a fraction of everybody else's for two reasons;

- 1.) We use our existing PA and Intercom multi pair cabling infrastructure (installed with our “total school communications systems) to link the front office with every class room and building in your school. You get the reliability of a hardwired system with no additional cabling required.
- 2.) In addition to specialising in PA and Intercom systems, PA Matthews Audio are fully licensed and qualified electrical contractors. This means we can carry out both the “electronics” and “electrical” side of the work at the same time - using the same tradespeople – and there's no need to call in anyone else. When we're finished we test the whole system and leave you with full service details.

A simple control box and timer is installed next to your PA Bell timer. This applies a safe 24vDC signal to a set of specially reserved cable pairs run up with your PA and Intercom system around the entire school.

At each electrical distribution board a special relay is installed to receive this 24vDC signal. This relay then controls a set of heavy duty contactors – one for each air conditioning circuit originating from each board.

And it's really that simple. With the throw of a single switch or simple programming of a timer – you can switch off every air conditioner in every room of your school. When it switches back on – staff can again then restart their air conditioner if required. An over ride switch is provided in the office for test and servicing and also to operate the air conditioners outside normal hours.

Super reliable. No PCs, No Wireless. The control is completely separate from your school computer data and telecommunications infrastructure and (most importantly) it's all HARD WIRED – so it stays working for decades. And pays for itself within just a few years!!

HOW CAN I FIT MACC IN MY SCHOOL ?

Schools with EXISTING PA / Intercom systems installed by US:

As an existing customer, we will have your cabling records and school plan details on file. All you need to do is let us know which rooms have air conditioners that you want controlled – and we can provide a quote for you to retrofit MACC into your school. In some cases we may need to conduct a site visit to confirm location of electrical switchboards (if separate from our normal aggregation points for the PA system).

Note that you must have BOTH PA and INTERCOM installed. “PA Only” schools do not have the required cabling infrastructure to include MACC as an “add on” function.

Schools considering installation of one of our “Total School Communications” systems:

Simply let us know at quoting stage that you want MACC included as an option on your quote for a school wide PA and Intercom system. We will carry out the additional research on site and include the option on your quote as an “optional extra”.

STEP UP NOW!

In many cases including MACC in your system will allow you to apportion some (or even all) of the cost of a new PA and Intercom system to energy efficiency measures. In some cases our quote for a complete system will add up to a similar cost to that our competitors will charge for a MACC system ONLY!

