

MA505RK

Proximity Time & Attendance
Access Controller

The MA505RK is an intelligent and cost-effective two-reader door access controller. Through its built-in prox reader and keypad, this user-friendly device provides great flexibility with the ability to register up to 10,000 users.



- **Dual function for Access Control and Time & Attendance**
- **Dynamic control of memory allows for up to 10,000 Card holders/7,000 Events**
- **Built-in Prox reader**
- **Stand-alone/Network operation**
- **Prox Only, Prox+PIN (4 digits) or PIN Only (4-6 digits) operation**
- **External reader port for Anti-passback operation or second door control**
- **10 Time Schedules and 10 Holiday Schedules**

ACCESS TO PEACE OF MIND™

SECURITY • PARKING • ACCESS CONTROL

MA505RK

Specifications:

CPU	Dual 8bit microprocessors
Memory	Program memory: 64KB ROM Data memory: 128KB RAM (Battery backup)
Read Range	2 inches (5cm) with MACT50 4 inches (10cm) with MACC170 4 inches (10cm) with MACI80
Reading Time	30ms
Card Holders/Event Buffers	Dynamic control of memory allows for up to 10,000 Card holders/7,000 Event buffers
Reader Ports/Data Format	Built-in 4" (10cm) Prox reader/26bit Wiegand format External reader port/26bit Wiegand format for Anti-passback
Input/Output Ports	Inputs: 4 ea. Relay outputs: 2 ea. FORM-C Relays (COM, NO, NC), rating 2A max TTL outputs: 2 ea.
Communications	RS232/RS422 port, Address selectable up to 32ch Baud Rate: 4800 bps, 9600 bps (default), 19,200 bps, software programmable
LCD Display	1 x LCD module, 2 lines x 16ch, 65.6 x 13.8mm view area
Keypad	16 numeric keypad with back lighting
Anti-passback	Yes
Self-diagnostic	Yes
LED Indicators	3 LEDs (Red, Green, Yellow)
Power	DC 12V, 350mA
Operating Environment	-20°C to +70°C (-4°F to +158°F), 10% to 90% humidity
Reset	Watch-dog timer & power on reset
Colour	Dark pearl gray
Weight	397g (0.88 lbs)

