

DATA SHEET

RAMB1

ASTRONOMICAL TIME CLOCK



WHAT IS IT ?

Fully programmable 7 day time clock for automating any Rako RF control system.

Control lighting, blinds and curtains automatically.

The unit calculates the dusk and dawn times using latitude and longitude settings, ideal for home security when combined with motorised window treatments.

The RAMB1 is a 7 day programmable time clock unit with macro, sequencing and holiday mode functions



AUTOMATED CONTROL

The RAMB1 astronomical time clock adds fully automatic scene selection to any Rako RF system.

The 'mapping' feature allows any RAKOM message to be conditionally filtered and a scene, level or macro command selected. A common use for this feature is an On/Off push button plate located at an entrance. Pressing the On button during the day only brings on only the hallway lights, but at night it will bring on lights in the hallway, landings and entrance porch.

The 'macro' function enables pathways of light and complex sequences to be replayed via a single button press, a relay contact into the auxiliary input or at a specified time.

When activated, the RAMB1 Holiday Mode replays recorded scene activity, creating a truly occupied look to a property.

Configured using the RASOFT programming software, but with simple user changes available using the hidden keypad.



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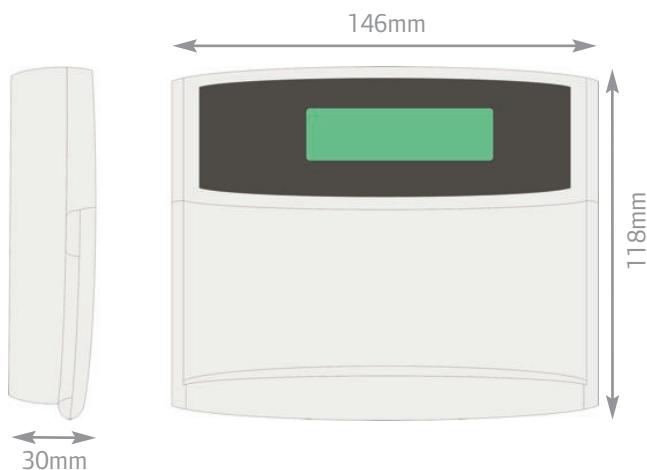
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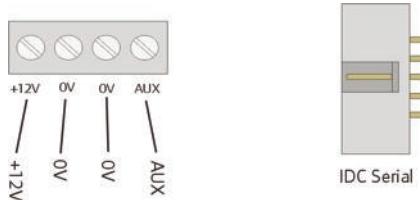
TECHNICAL DATA

DIMENSIONS	118x146x30mm
INPUT SUPPLY	12V DC regulated (RAPSU or equiv.)
WEIGHT	275g
HOUSING	UL V0 material
CLIMATE RANGE	Temperature +2C to +40C Humidity +5% to 95% non condensing
CONNECTIONS	2 way screw terminal for power supply 2 way screw terminal for auxiliary input 10 way IDC for RASOFT serial connect
TERMINAL SIZES	2.5mm ²
STANDARDS	EMC - EN 50011-1 :1992 Immunity - EN 50082-1 :1997 LVD - EN 60950-1 :1992
COMMUNICATION	Rakom coded fm radio, 433.9MHz
MEMORY	Flash memory (non volatile) Battery backup for date and time
BATTERY	1x CR2032 Lithium cell

MECHANICAL DATA



CONNECTION DETAILS



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