



# 3GS RKD Node

Basic building blocks of the 3GS system:

Together with the 3GS Controller, the IntelliPower PSU, the 8+1 Node and the 6-Output Node, the RKD is the final unit which constitutes the basic 3GS system.

It offers 2 line by 24 character backlit adjustable LCD display of system status messages to the user, and a 20-key backlit keypad for entry of data, including user codes, for manipulation of system menus.

## 2 Zone Inputs + 1 Programmable Relay Output:

As well as its functionality as an RKD, the unit has 2 zone inputs (2K2 EOL) for monitoring of alarm devices, such as the final exit and the "push to set" button, or sensors in the vicinity of the RKD.

In addition, the on-board relay output allows the installer to connect an output device, such as a sounder, strobe or door lock to the RKD, which may allow him to save wiring a separate output device to achieve this functionality.

## On-board buzzer:

As with all Nodes, the RKD has its own on-board buzzer, which is used to give feedback to users of the system when entering codes, entering or leaving the premises, etc.

## Wall-mounting the RKD Node:

The RKD has been designed to facilitate easy installation, either to connect with wall-mounted electrical trunking, or flush-mounted electrical patress boxes.

## Wiring the RKD:

The RKD has been specifically designed to enable fast installation and servicing. The plastic side cover (tampered) is removed, allowing ready access to all wiring terminals.



## Privacy cover or flap:

The RKD Node also features a hinged privacy cover, which allows the keyboard and the LCD display to be hidden from normal view (i.e. out of public view). If not required, the cover can be removed, and its plastic hinge mountings twisted off.

## Status LED indicators:

The 3GS RKD Node has three status LEDs, viewable when the privacy cover is either open or closed. They are:

- GREEN : Mains Supply  
Steady = OK, Flashing = supply problem
- YELLOW : System Status Warning  
Steady = Warning,  
Flashing = System Alert  
- usually accompanied by buzzer
- RED : Ringnet Communications  
(Flashing = OK; Steady = Comms Failure)

## User Instructions:

The privacy cover has been designed to allow the placing of an instruction label on its reverse side (viewable when open). Thus, the RKD can effectively be "customised" to reflect the software version running on the 3GS system.

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## RKD Node: Technical Specifications:

Cabinet dimensions:	122mm x 175mm x 23mm
Min.operating voltage:	9.5V
Max. operating current:	300mA
Quiescent current:	100mA
On-board zones:	2K2 EOL
On-board output:	2A relay
Display:	2 line x 24 char. backlit LCD
Memory backup:	Lithium cell
Intensity & viewing angle:	Programmable
Humidity range:	0% to 90% , non-condensing

## How to order:

Product	Code
3GS Remote Keypad	3850

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