

JA-65K MAESTRO

The JA-65 is a fully programmable control panel with building block architecture. This allows the JA-65 to be tailored to particular installation requirements. It can work with 16 detectors and can have 8 or 16 hard wire zone inputs. An additional JA-60 or JA-65 subsystem control panel can expand the system. The control panel can be split in to 2 independent sections with a shared common area. The control panel processes data from all system parts and also checks their readiness. It supervises the performance of the system's communication. It also monitors the status of the power sources as well as all anti-tampering sensors.

Programming of the system is possible via the keypad(s) or from a connected PC. The built in telephone dialer can communicate with a Monitoring Station or remote PC, send voice messages and dial a numeric Pager.

The JA-65 is designed with building-block architecture and is supplied in modules so that you can build a control panel, according to your needs. Available modules are:

- JA-65K - main board with power supply in a metal box (no inputs)
- JA-65H - module of 8 hard wired zones (max. 2 per unit)
- JA-65R - 16 zone module
- JA-65X - combined digital/voice dialer module

For a hybrid system use all modules (with one module JA-65H you have 8 wired zones, with 2 modules – 16 wired zones). If you need only 8 hard wired zones with a communicator, you buy JA-65K + JA-65H + JA-65X.



Technical Specifications

Electrical

Power	110-230 VAC, (built in electronic power supply), supervised
Backup battery	12 V, from 1.3 to 7 Ah (external up to 40 Ah), supervised
Backup power output	13VDC, max. 1.5A, supervised
Hard-wired inputs	module 65H: 8 input zones, up to two 65H modules can be used (16 zones)
Zone input triggering	selectable: NC, End Of Line resistor or Double End Of Line resistor
Zone reaction	selectable: instant, delayed, panic, fire, 24 hour, next delayed
Additional Module	module 65R: up to 16 detectors (JA-60), 8 controllers, 1 outdoor siren JA-60A
Keypads	max. 5 wired JA-60E keypads, max. 8 JA-60F keypads or RC-11 or JA-60D controllers
Access codes	master code and 14 user codes. When system is split, codes, detectors and remote controls can be addressed to particular sectors
Wired outputs	Alarm relay dry contacts 1A/60V; programmable outputs PgX & PgY (Chime, Fire, Arm, Panic, Alarm, Door, Home, AC failure), siren output (12 V, 1 A)
Events memory	127 most recent events including date, time and detailed specification
Telephone communicator	module 65X: digital communication to a monitoring station, Pager dialing, 2 voice messages, modem communication with a remote PC (ComLink SW + JA-60U modem), remote keypad access with JA-60E and JA-60U
Monitoring station formats	Contact ID, Ademco, Telexmax, Franklin, Radionics, SurGard, DTMF2300, (198 reports codes)
Environmental	
Operating temperature	-10 to +40 °C
Operating humidity	max 80%
Working environment	indoor use (class II, EN 50131-1)
Electronic design	
Design	SMT; modular system (radio module 65R, hardwired zones module 65H, telephone communicator module 65X); full supervision; monitoring of RF jamming
Electrostatic discharge	8 kV
RF immunity	30 V / m
Physical	
Mounting	wall mount
Housing	metal box with built-in switching power supply
Dimensions	295 x 280 x 90
Shipping weight	2.72 kg
Color	light grey
Standards	



Complies with
EN 50131-1 (Grade 2)
EN 50131-6
ETSI EN 300220
ETS 300 683
EN 50136
ETS 300001
TBR-21
EN 60950