

# Absoluta Plus Control Panel



## Hybrid Intrusion Security Solution with PowerG Wireless Technology

Absoluta Plus combines the field-proven reliability and flexibility of Absoluta control panels with market-leading PowerG wireless security technology. Available as a fully wired system, or as a hybrid solution with the widest range of wireless peripherals, Absoluta Plus opens new opportunities for installers in both residential and commercial markets. Rooted in Italian quality and design, this new solution is a major step forward in the evolution of the Absoluta platform, built with the same passion for the finer details valued by today's demanding customers.

### Simple Yet Powerful User Interfaces

- Up to 16 touchscreen keypads for user-friendly operation
- Up to 32 proximity readers for tags and keys (up to 250) for system operation with no need to remember PINs
- Up to 16 LCD keypads for user and installer operation

### Complete System Remote Control

- Voice menu for controlling the panel remotely
- "Talk and listen" remotely using the AS100 accessory
- SMS remote control: arm, disarm, activate outputs remotely using SMS\*
- End-user app (iOS and Android) for remote control of the panel\*\*\*

### New Home Automation Capabilities

- Powerful event-action engine to drive actions (output, call, SMS\*, emails\*\*) for every event registered in the panel
- Up to 50 fully programmable outputs: polarity, timing, oscillation and event triggers
- All input zones in the panel can be used for controlling home automation features
- Powerful scheduler to define up to 8 automatic arming/disarming sequences per day for each partition
- 20 different timers with 8 activations per day

### Comprehensive Communication Options

- Voice communicator with messages for each event/zone and fully customizable library of audio messages
- Digital communicator supporting CID and SIA on PSTN and GSM\*
- GPRS\*/IP\*\* communication with Sur-Gard receivers
- 32-number phone book with black and white list
- SMS\* or email\*\* available for each event

### 360° Programming

- Powerful Bentel Operating Security Software (BOSS) for full programming of the panel
- BOSS local connection with USB port or remotely on GPRS\* or IP\*\* channels
- Option to load the programming using a USB stick
- Keypad programming for basic operations

### And Much More...

- EN Grade 2/EN Grade 3 certification
- Up to 128 zones with logical assignment to the physical zones
- Full partition management (up to 16)
- Event logger for up to 2000 events
- 9 languages available on the panel
- USB firmware upgrade

\* Available with ABS-GSM optional board

\*\* Available with ABS-IP optional board

\*\*\* Requires ABS-IP or ABS-GSM optional boards

ABSOLUTA PLUS				
	EN Grade 2			EN Grade 3
FEATURES	ABS18	ABS48	ABS128	ABS 128G3
Maximum number of zones (wired and wireless)	18	48	128	128
Maximum number of wireless zones	18	48	128	128*
User codes	31	63	127	127
Installer codes	2	2	2	2
Keypads	8	8	16	16
Tags, proximity cards and keys	64	128	250	250
Keyfobs	16	16	32	32
Proximity readers (tag, keys and cards)	16	32	32	32
Input/output expanders	32/16	32/16	32/16	32/16
Power supply stations	4	4	4	4
Partitions	8	8	16	16
Outputs (maximum)	6	20	50	50
Timer	16	16	16	16
Vocal messages	206	206	206	206
Phone book numbers	32	32	32	32
Email addresses	32	32	32	32
Management through ABS-APP	✓	✓	✓	✓
Management via phone (DTMF)	✓	✓	✓	✗
Management via phone (SMS)	✓	✓	✓	✗
Triple balancing zones	✗	✗	✗	✓
Power supply	Sold separately			BAW75T12
	BAQ15T12 BAW35T12	BAW35T12 BAW50T12 BAW75T12	BAW50T12 BAW75T12	
Cabinet	Sold separately: ABS-M or ABS-P			White metal 310 mm x 403 mm x 103 mm
Tamper	Opening. Sold separately: removal from wall			

\* For non-Grade 3 wireless subsystems

ABSOLUTA PLUS CABINETS		
	ABS-M	ABS-P
Material	White painted metal	White ABS
Dimensions (W x H x D)	310 mm x 403 mm x 103 mm	319 mm x 352 mm x 92 mm
Max. battery housing	Max. 12 V / 17 Ah	Max. 12 V / 7 Ah
Weight (without battery)	4.75 kg	1.95 kg
Compatible power supplies	BAW35T12, BAW50T12 or BAW75T12	BAQ15T12, BAW35T12 or BAW50T12

ABSOLUTA PLUS POWER SUPPLIES				
	BAQ15T12	BAW35T12	BAW50T12	BAW75T12
Current	1.5 A	2.6 A	3.6 A	5.4 A
Voltage	13.8 V	13.8 V	13.8 V	13.8 V

## KEYPADS AND MANAGEMENT DEVICES



**ABSOLUTA PLUS**  
HYBRID CONTROL PANEL  
UP TO 128 ZONES  
ABS 18, ABS 48, ABS 128



Integrated proximity reader for keys, cards and tags; 3 on-board I/O terminals; supports roller blind detectors  
**ABSOLUTA T-BLACK & T-WHITE**



Two-line LCD control keypad, with 3 status LEDs  
**CLASSIKA LCD**



Two-line LCD control keypad with proximity reader and 3 programmable I/O terminals  
**PREMIUM LCD**



7" color touchscreen keypad with an extremely intuitive menu for users and installers  
**M-TOUCH**



Proximity key/card reader for indoor/outdoor use (IP34)  
\*Proximity card  
**PROXI2 & PROXI-CARD**



60 x 30 mm proximity tag, available in white, grey and black  
**PROXI-TAG**



Flush-mounted proximity reader (available in various formats to be used in conjunction with most currently available plates)  
\*Proximity key  
**ECLIPSE & SAT**



50 x 30 mm proximity tag  
**MINI-PROXY**

### SIGNALING DEVICES



Siren for indoors; available in self-powered and strobe versions  
**WAVE**



Outdoor Self-powered Siren  
**NEKA**

### OPTIONAL BOARDS



GSM/GPRS/SMS Communication Board for Absoluta Plus control panels  
**ABS-GSM**



TCP/IP Communication Board  
**ABS-IP**



WiFi Bridge for ABS-IP board  
**ABS-VAP11G**

### POWER SUPPLIES



Microprocessor-Controlled Power Station  
**BXM-12**

### SOFTWARE (WINDOWS)



Bentel software management system  
**BENTEL OPERATING SECURITY SOFTWARE (BOSS)**

### CONTROL PANEL ACCESSORIES



Module with 6 programmable IN/OUT terminals  
**M-IN/OUT**



Isolator Module  
**B-ISOL**

### AUDIO MODULE



Standalone Audio Module  
**AS100**

### WIRED DETECTORS



Digital PIR Detector with Pet Immunity  
**BMD501**



Digital PIR and Microwave Detector with Pet-Immune and Anti-Masking (Only BMD503)  
**BMD503/504**



Wired Outdoor 8 PIR Detector  
**BMD-707**



360° Infrared Detector  
**IR360**

### WIRELESS SYSTEMS & ACCESSORIES



PowerG Host Transceiver  
**BW-PGH**



PIR Detector  
**BW-802**



Magnetic Contact with Auxiliary Input  
**BW-MCN/ BW-MCB**



PowerG Keyfob  
**BW-RCH**



Vanishing Magnetic Contact  
**BW-303**



Shock Detector with Magnetic Contact and Auxiliary Input  
**BW-SHK**



360° Ceiling-Mount PIR Detector  
**BW-862**



Outdoor Curtain PIR Detector  
**BW-902**



Outdoor Magnetic Contact with Auxiliary Input  
**BW-312**



Flood Detector  
**BW-FLD**



Glass-Break Detector  
**BW-GBD**



Indoor Siren  
**BW-SRI**



Outdoor Siren  
**BW-SRO**



PowerG Repeater  
**BW-REP**



Curtain PIR Detector  
**BW-IRT**



Dual Technology Detector  
**BW-DTM**



Outdoor PIR Detector with Anti-Masking  
**BW-ODT**



Smoke and Temperature Detector with Siren  
**BW-SMD**

## Approvals

- CE
- EN Grade2, EN Grade 3
- IMQ-A
- INCERT

## PowerG – The power of wires, without the wires

Cut out the wires and plug in peace of mind with PowerG, the leading wireless security technology for today's homes and businesses.

PowerG offers all the benefits of traditional wired security, without the hassles and vulnerabilities of wires. It makes end users' lives more secure and convenient, and your work more profitable.

Ultra-reliable, two-way 128-bit AES encrypted communication, and iron-clad protection that blocks interference, deliver unparalleled cyber protection – ensuring reliable performance with minimum false alarms.

Long-range wireless transmission enables easy and quick wire-free and repeater-free installations; and adaptive transmission stretches time between battery changes. Multichannel, Frequency Hopping Spread Spectrum technology overcomes frequency blocking and interference.

Additionally, with the most extensive set of indoor and outdoor wireless peripherals, PowerG enables the widest range of residential and commercial applications.

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## Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.

For additional information, please visit [www.johnsoncontrols.com](http://www.johnsoncontrols.com) or follow us on Facebook, Twitter, and LinkedIn.