# Teletek electronics

QUICK and EASY

# BRAVO!

Wireless Home Alarm System

## In General for the BRAVO System

• The installation is quick and very easy with a few simple settings at the beginning.

• The system is suitable for installation in residential houses and medium offices.

• The system is comfort to control via key fobs or Mobile TTE smart phone application.

• As option, GPRS, LAN, PSTN, PSTN  VD  or MOUT communication modules can be added to the system for control, programming and monitoring.

• BRAVO Panel is available in two model variants:

**BRAVO EXT** - Wireless alarm panel with **external power supply** - AC-DC power adapter.

**BRAVO INTR** - Wireless alarm panel with **internal power supply** - built-in impulse power supply unit.

• *The BRAVO panels are certified according to the requirements of **RED directive and EN 60950-1; certified to EN50131 GRADE2 Class II**.*

• *Programming via panel's buttons or directly with ProsTE software or AJAX SP user web interface.*

**EN50131 GRADE2 CLASS II**

## The BRAVO System Technical Data

| | |
|---|---|
| Operation frequency: | 868MHz - 869MHz *(Adaptive Frequency Agility Algorithm)* |
| Communication type: | two-way |
| Type of indication: | LED |
| Areas: | 1 |
| Max. zones/ detectors: | 16 (including PIR, MC, FL, FD, Curtain) |
| Max. key fob remote controls: | 8 |
| Max. outdoor sounders: | 1; 115dB |
| Built-in sounder: | 85dB |
| Signal coding: | Yes |
| Memory LOG: | 300 events |
| Color: | Pearl *(Optional: white, black, blue, green, bordeaux, grey, brown and violet)* |

## BRAVO Communication Modules

### BRAVO TTE GPRS

• GPRS Communication module
• 4 telephone numbers for sending SMS messages for events
• Built-in mounting in BRAVO panel
• Voice Reporting and Voice Guiding (arming, disarming, output control)
• Push Notification messages for events to user via AJAX SP
• Remote control and management via MobileTTE (iOS/Android) application
• Certified to EN50131, GRADE2, Class II, SP2 (SMS), SP5 (GPRS)

### BRAVO LAN

• LAN Communication module
• Built-in mounting in BRAVO panel
• Remote control and management via MobileTTE (iOS/Android) application
• Remote programming of BRAVO wireless panel via AJAX WEB user interface
• Push Notification messages for events to user via AJAX SP
• LAN settings – Manual or Automatic (DHCP)

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## BRAVO PIR
- Digital PIR detector
- 90 degrees coverage area in 54 zones
- Operating range up to 15m
- White light immunity - 5200 Lux
- Temperature compensation
- PET 12kg
- Optional bracket for easy installation
- 1x3V/1500mAh, CR123A battery type
- ~ 3 years battery life
- EN50131, GRADE 2, Class II certified

## BRAVO FD
- Combined optical-smoke and heat detector
- Class A1/R according EN54-5
- Rate-of-rise heat part
- Optical chamber auto compensation
- 2x3V/1500mAh, CR123A battery type
- ~ 3 years battery life

## BRAVO MC
- Magnetic contact detector
- Hardwired zone for connecting a rolling shutter or other wired detector
- 1x3V/1500mAh, CR123A battery type
- ~ 3 years battery life
- EN50131, GRADE 2, Class II certified

## BRAVO CURTAIN
- Curtain detector (combined PIR+MW)
- Two-way communication
- Detection range: up to 12m (adjustable)
- Coverage angle:
- PIR part: 90° vertical, 7.5° horizontal
- MW part: 80° vertical, 32° horizontal
- LED indication for Low battery and Test mode
- Operating temperature: -20°C to +60°C
- 1x3V, CR123A battery type
- ~ 1 year battery life

## BRAVO PIR EXT GJD
- Digital PIR detector
- Coverage angle 10°-70°
- Adjustment: 180° pan, 90° tilt
- 28 zones for each detection element
- White light immunity – 50 kLux
- Operating temperature -20°C to +55°C
- 3x3V, CR123A battery type
- ~ 3 years battery life
- Outdoor installation, IP65

## BRAVO FL
- Flood detector
- 1x3V/1500mAh, CR123A battery type
- 3 years battery life

## BRAVO SR300
- Piezo outdoor siren
- Acoustic pressure: 110dB/1m
- Bidirectional tamper
- Internal metal cover
- LED flash
- Battery type:
  - Lithium, 2x3V size "D" or 4x3V size "A"
  - Alkaline, 4x1.5V
- ~ 3 years battery life
- Operating temperature:
  - Lithium, -30°C to +65°C
  - Alkaline, -10°C to +40°C
- Optional power supply with adapter 12VDC/1A
- EN50131, GRADE 2, Class II/Class IV certified

## BRAVO RC
- 4 button key fob remote control
- Two-way communication
- LED indication for the system status
- Functions: Arm, Disarm, System information
- Additional button with programmable function
- 1x3V/600mAh, CR2450 battery type
- ~ 3 years battery life
- EN50131, GRADE 2, Class II certified

## BRAVO RC-41
- 4-button key fob remote control
- One-way communication
- Operation with several BRAVO panels at the same time
- LED indication for enrollment mode
- Functions: Arm, Disarm
- Two buttons with programmable functionality
- 1x3V/190mAh, CR2032 battery type
- ~ 3 years battery life

## BRAVO RC-21
- 2-button key fob remote control
- One-way communication
- Operation with several BRAVO panels at the same time
- LED indication for enrollment mode
- Functions: Arm, Disarm
- 1x3V/190mAh, CR2032 battery type
- ~ 3 years battery life

## BRAVO RC-11
- 1-button key fob remote control
- One-way communication
- Operation with several BRAVO panels at the same time
- LED indication for enrollment mode
- Functions: Panic alarm
- 1x3V/190mAh, CR2032 battery type
- ~ 3 years battery life

## BRAVO Communication Modules

### BRAVO PSTN VD
- PSTN Communication module with voice reporting
- Built-in mounting in BRAVO panel
- 2 GB micro SD card
- 4 Phone numbers for sending messages for events to monitoring station (via CID or SIA protocol) or to User (via User protocol)
- Certified to EN50131, GRADE2, Class II, SP1 (Voice protocol), SP2 (Digital protocol)

### BRAVO PSTN
- PSTN Communication module
- Built-in mounting in BRAVO panel
- 4 Phone numbers for sending messages for events to monitoring station (via CID or SIA communication protocol) or directly to User (via User communication protocol)

### BRAVO MOUT
- Communication module with outputs
- Two operation modes according the application:
  "MOUT" - For connection of external communication devices and connection of a wired siren
  "PGM" - PGM outputs Management via MobileTTE application
- Built-in mounting in BRAVO panel

# Mobile TTE  iOS/Android Application

Mobile TTE is a smart phone application for control and monitoring of BRAVO wireless system and other panels manufactured by Teletek Electronics JSC.
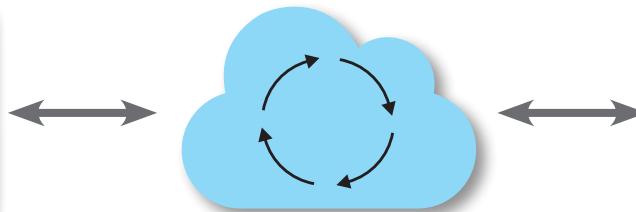
## What the User can do:

• Remote System Arming (Full and Stay)
• Remote System Disarming
• View the Area and Zone Status
• Bypassing Zones
• Remote PGM Control
• View system log
• Selected Push Notification messages for events
• Multi language support
• Date and time setting
• User password change
• View of several BRAVO systems connected to different AJAX SP cloud services
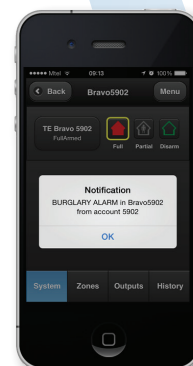
The easiest way to control your home system and to be informed for the status' changes at any time:

Burglary Alarm

AJAX SP Cloud Service

User Notification

• BRAVO TTE GPRS  or BRAVO LAN communication module and AJAX SP are a must for receiving Push Notification messages on your Mobile TTE application.

• Availability for 24-hour monitoring.

• Intuitive user interface via AJAX SP Cloud Service web application.

Monitoring station (optional)

To download your Mobile TTE Application:

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