

Item Code: 9583-GOLD-MST-EN**Product description:** GOLD 869 Control panel

Main features: The TOSCA wireless control panel GOLD series is provided with **64 wireless inputs and 5 wired inputs, expandable to 30**, with the aid of expansion board art. 4005EUROPLUS/IN, for a total of 94 zones. Each auxiliary expansion module has 5 inputs. The control panel is provided with 4 programmable Open Collector outputs, 1 of fault and 1 of system status, as well as a double exchange relay for alarm signalling. Compatible with all devices of the GOLD series, indoor and outdoor detectors, magnetic contacts, sirens and remote controllers. The communication protocol is digital and operates on **5 channels, over the frequencies from 868.00 to 869.65 MHz**; the wireless range from the control panel to the peripherals is **up to 1,500 m in free air**. The safety and reliability of the wireless communication is guaranteed by **FH (Frequency Hopping)**, by **TDMA (Time Division Multiple Access)** and **AES (Advanced Encryption Standard)**.

The system is equipped with the **DES (Detection Event Stored)** function: in the event of a lack of communication between the detector and the control panel (eg., attempts to jamming or environmental disturbances), the detector keeps alarms in memory and communicates them to the control panel when communication is restored. The continuous dialogue between the control panel and the peripherals also **eliminates the danger related to attempts to disturb the frequencies (jammer)**. The 869 control panel is also equipped with a **SLEEP** function: this option allows the system to place the wireless devices in a sleepy state (in which they do not transmit and detect) at low power consumption if the control panel is removed or switched off for eventual maintenance. The system is also able to detect and signal interferences when the noise level is high enough to degrade the correct transmission between the devices. The long life of the peripheral batteries is guaranteed by a sophisticated software that **modulates the output power of the transmissions** between the control panel and peripherals, according to their distance. Being a latest generation bidirectional system, peripherals know the system status (on/off); when the system is disarmed, the peripherals are in standby mode, with the exception of tampering, so contributing to batteries saving. When the system is armed, **the detectors are not inhibited after the first detection**, but continue to detect the intruder, becoming safe as a wired system. Adding the GSM board to the control panel it is possible a **complete remote management** via SMS, through LinceGSM APP. The system can be programmed with the appropriate software item 9547-GOLD-SOFT, from computer. The WiFi IP board item 9565-GOLD-SOFT-WIFI allows to manage the control panel wirelessly over IP using the GOLDSOFT.

The GOLD-MST is compliant with **EN 50131-1, grade 2**. Housed in a metal box, able to contain a battery up to 18 Ah (not supplied), it is provided with a 3 A switching power supply. For flexibility of use, the control panel is supplied without control devices. Dimensions: 400 x 250 x 100 mm.

**ISO 14001: 2004**
Sistema di gestione
ambientale**CI ITPI: 2015**
100% Made in Italy
Certificate**ISO 9001: 2008**
Sistema di gestione
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SPECIFICATIONS

- Frequency: 869.40 MHz ÷ 869.65 (1 channel) • 868.00 MHz ÷ 868.60 MHz (4 channels)
- FH - Frequency Hopping
- TDMA - Time Division Multiple Access
- AES - Advanced Encryption Standard
- DES - Detection Event Stored
- Wireless range: 1,500 m free air
- Wired inputs: 5 expandable to 30
- Wireless inputs: up to 64 (detectors, sirens, remote controllers)
- N.C. Zone 24 h: 1 input
- Output Alarm Relays: 1 (8 A double exchange)
- Arming/Disarming Areas: 3
- Arming/Disarming Programs: 7 (combinations of areas)
- Outputs: 1 General Failure (W), 1 System Status (OFF), 4 programmable open collector (max 80 mA)
- Event log: non-volatile memory, 512 events with filter query
- User codes: up to 32
- Access level of users: Admin, User, Installer
- Power Supply: 230 Vac 50 Hz
- Power Adapter: 13.8 Vdc 3 A
- Dimensions: 400 x 250 x 100

COMPATIBILITY NOTES (wireless devices)

- 9502-GOLD-BOBBY-AM and available versions: outdoor volumetric detector
- 9554-GOLD-BOBBY-AM-T and available versions: outdoor curtain detector
- 9503-GOLD-BABY and available versions: outdoor perimetral detector
- 9504-GOLD-DT e and available versions: double technology volumetric indoor detector
- 9506-GOLD-DT/Z e and available versions: double technology volumetric indoor ceiling detector
- 9507-GOLD-TP and available versions: magnetic contact
- 9509-GOLD-LESW: wire contact for rolling shutters
- 9510-GOLD-OBLO and available versions: outdoor self-powered siren
- 9511-GOLD-RC: remote controller
- 9584-GOLD-AP: antipanic remote controller
- 9549-GOLD-SMART: outdoor self-powered siren
- 9560-GOLD-SAXA: outdoor self-powered siren
- 9551-GOLD-FOG: fogging system
- 9557-GOLD-OUT and available versions: wireless output module

COMPATIBILITY NOTES (wired devices on BUS)

- 9572-GOLD-GSM-EN: GSM board with plug for control panel
- 9579-GOLD-GPRS: GSM/GPRS board with plug for control panel
- 4005EUROPLUS/IN: expansion board
- 4131CONTACTLESS and available versions: wire inserter
- 4157EUROPLUS-INS: transponder inserter
- 9573-GOLD-TCH-EN: keyboard with LCD touch display

AVAILABLE VERSIONS

- **9583-GOLD-MST-EN** • Wireless control panel provided with 64 wireless inputs and 5 wired inputs, expandable to 30. Metal case. Programming of peripherals using the SW item 9547-GOLD-SOFT. 18 Ah battery compartment. 3 A power supply. Dimensions 400 x 250 x 100 mm
- **9582-GOLD-MST-E-EN** • Wireless control panel provided with 32 wireless inputs and 5 wired inputs, expandable to 15. Metal case. Programming of peripherals using the SW item 9547-GOLD-SOFT. 7.2 Ah battery compartment. 2 A power supply. Dimensions 360 x 200 x 85 mm

AVAILABLE ACCESSORIES

- **476LI18-12** • Lead battery 12 V 18 Ah (for item 9577-GOLD-MST)
- **1112LI7,2-12** • Lead battery 12 V 7.2 Ah (for item 9571-GOLD-MST-E)

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