

New !!!

CERBER C51

CERBER C51 is a keypad operated alarm control panel, with built-in communicator, alarm memory, 1 installer code and 15 user codes.



CERBER C51 is an *ideal burglary alarm system for flats, houses and offices.*

The system's many features are programmable using a keypad or a modem connected to PC running **EZcomC51 upload/download software**. This software is supplied along with the control panel.

The central unit's core is a RISC microprocessor. The electrical features include an EEPROM memory for the programmed configuration to be retained even after a total power loss.

GENERAL FEATURES:

- **5 End-of-Line Resistor zones**; All zones are entirely programmable as *entry / exit, Instant, Follower, 24 Hour, 24 Hour Fire, 24 Hour Tamper, 24 Hour Panic, 24 Hour Medical Emergency, arming / disarming ("key-switch")*;
- Keypad programming or EZcom C51 upload/download software;
- **1 installer code**;
- **15 programmable User Codes, the last of which if programmed, being capable of sending an additional "ambush" code to the "central station"**;
- **Options of Quick Arming**: "*Quick Away Arming*", "*Quick Stay Arming*" and "*Quick Instant Stay Arming*";
- **forced arming feature**;
- Programmable **protection against undesired resets to default values**
- 8 zone attributes individually programmable, as well as **zone response time individually selectable**;
- **Zone bypassing**;
- **Chime feature activated / deactivated by the users**;
- Programmable **siren alarm type**: **Steady, Pulse** or **Silent**; different bell cut-off timings for burglary and fire alarms;
- **Individually programmable entry and exit delay**;
- **Key switch arming / disarming, as an option**;

- **2 programmable outputs** with 16 options: *Latch alarm, Follow system status (armed / disarmed), Entry delay, Exit delay, System Trouble, Auxiliary Siren, Silent alarm, Fire, Tamper, Panic, Medical Emergency, Mono-stable, Pulse on arming, Pulse on disarming and Bi-stable*;
- **255-event LOG** up-downloadable and viewable through the EZcom C51 upload/download software and, optionally, reported to the "central station";
- Keypad displayed **alarm memory**;
- **Digital communicator** with **DTMF Ademco Contact ID format**;
- **Programmable reporting codes for Zone Alarming, Restoring and Bypassing**;
- **Programmable zone restore** (either when zone "close back" or when siren stopping);
- **Programmable reporting codes for Arming / Disarming / Ambush**, according to the user code;
- **Programmable reporting codes for system trouble situations**: „*Low Voltage on Battery*", „*Battery Voltage Restore*", „*AC power loss*", „*AC power Restore*", „*Bell Trouble*" (upon disconnection or burnt fuse), „*Bell trouble Restore*", „*Burnt fuse on AUX*", „*Fuse on AUX Replaced*", „*Keypad Lockout*";
- **2 programmable phone numbers** for transmission to the "central stations"
- **monitoring of system troubles**: voltage battery, AC power, Bell and AUX outputs;
- **Option of telephone line monitoring (TLM)**;
- **Up to 4 keypads**, which can be simultaneously 4-wire coupled to one central unit;
- **Keypad tamper** (using micro-switch);
- Individual **status LEDs for zones 1-5**, indicating the alarm memory;
- **System status LEDs**: READY, SYSTEM, BYPASS and ARMED;
- the control panel *reports upon remote interrogation call or sends automatically on the phone line synthesis sounds* for alarms and "AC power loss" events;
- **4 programmable phone numbers for synthesis sounds**, reprogrammable by user himself;
- **Remote system status interrogation capability by phone line** (armed / disarmed / alarm / "AC power loss", by synthesis sounds);
- **Several upload/download operations** (PC programming using "EZcom C51 Software");
 - upload of system parameters into PC (onto "EZcom C51 Software");
 - programming parameter download from "EZcom C51 Software" onto the control panel;
 - upload of events from the control panel into "EZcom C51 Software" (in a file);
 - system date and time setting by "EZcom C51 Software";
 - "Arming" / "Disarming" by "EZcom C51 Software";
 - *Zone bypassing* by "EZcom C51 Software";
 - Mono-stable / bi-stable PGM outputs' activation / deactivation by "EZcom C51 Software".
- Charging current for backup battery up to 100mA;

TECHNICAL SPECIFICATIONS:

POWER

- Minimum 12V / 4Ah backup battery;
- 18Vac / 20VA transformer;
- Current consumption in stand-by mode:
50mA - control panel;
12mA - keypad;
- Current available on +AUX: up to 0.3A – fuse protected.

INPUTS

- 5 fully programmable 2K2 EOL zones.

MAIN BOARD OUTPUTS

- 2 "open-collector" outputs, with negative trigger (NPN), up to 50mA;
- 1 supervised siren output with positive trigger (current capability on +BELL: up to 1A – fuse protected).

Note: Current capability and protections for the auxiliary power supply (+AUX) and for the bell control output (+BELL) as well are valid only if the control panel is powered both from the AC source (240Vac) and the backup battery.