

Versions and History

Wired intruder alarm panels



Eclipse 8			
Current Version	Date	Version	Changes
→→→	5.1.2023	SW 4.02 / HW 2.01	SW: Fixed missing exit time
	9.9.2022	SW 4.0 / HW 2.01	SW: PAX WL expander and PAX WL devices support
	17.11.2021	SW 3.1 / HW 2.01	HW: Component changes for Clock stability reasons
	7.4.2021	SW 3.11 / HW 2.0	SW: Software battery protection added
	25.3.2020	SW 3.1 / HW 2.0	SW: 1. Multiple Eclipse WL support – Eclipse 16, 32 and 99 support up to 4 Eclipse WL expanders 2. Editing Eclipse VD phone numbers through the Manager menu is now possible 3. User can edit/delete his own Proxy card, through the User menu 4. A and B buttons of Bravo RC-41 can now be programmed separately 5. Modem feature is now working for Eclipse 16, 32 and 99 panels 6. Bugfix
	8.5.2019	SW 3.0 / HW 2.0	SW: 1. Second entry time for each area 2. Manager text menu 3. Separated option for B button of Bravo RC-41 4. Main screen selection for LCD keypads 5. Ambush code and Panic could be transmitted over the Eclipse VD module 6. AC lost delay is valid for the Eclipse expanders
	3.1.2019	SW 2.20 / HW 2.0	HW: Micro USB added
	26.10.2017	SW 2.20 / HW 1.8	HW: PSTN improvements(Morocco, Eclipse VD)
	2.5.2017	SW 2.20 / HW 1.71(CPU LPC1756)	1. PSTN improvements 2. Increased input and output levels
	2.5.2017	SW 2.20 / HW 1.53(CPU LPC1756)	Improved algorithm for restore events
	17.11.2016	SW 2.10 / HW 1.53(CPU LPC1756)	1. The setting at address 6001 is now available for both the PSTN and Eclipse VD communicators. Address 6102 is no longer available. 2. New addresses to Eclipse VD programming menus – 61X2. The engineer sets messages type for reporting ("X" is a phone number from 1 to 8). 3. Added new option "3. MODEM" at address – 6904 4. Added new option for the Eclipse VD - " Skip site name". 5. No messages for Area number for Eclipse 8 control panel during VD remote management. 6. Telephone communicator is improved
	10.10.2016	SW 2.02 / HW 1.53(CPU LPC1756)	HW: Communicator's output level is increased by R100 replacement.
	19.2.2016	SW 2.02 / HW 1.52(CPU LPC1756)	Manufacturing process changes only SW: Automatic setting of the power supply during manufacturing HW: Components changed (Resistors and capacitors)
	3.10.2015	SW 1.96 / HW 1.50(CPU LPC1754)	SW 1.96 revision can be uploaded on Eclipse 8 HW 1.50 (CPU LPC1754) and lower versions. This SW revision does not support PSTN (PSTN-VD) communication even if you have these modules on the mainboard. Serial connection to TP2000 and events/fields to program Automated Tests. Added support for Eclipse Proxy. Improved communication with bus devices. Some strings changed in Text Menu.Bugfix. New feature and changes: - user code can be deleted; - in Service Mode Eclipse keypad Status LED will blink fast in following green & red color; - Manager Menu [93] is OFF now by default for Eclipse LCD32 Sensitive; - zones from 1 to 8 are now unlocked from device 1 and can be attached to any device;
	29.7.2015	SW 2.00 / HW 1.51(CPU LPC1756)	SW 2.00 revision must be uploaded on Eclipse 8 HW 1.51 (CPU LPC1756). Serial connection to TP2000 and events/fields to program Automated Tests. Added support for Eclipse Proxy. Improved communication with bus devices. Some strings changed in Text Menu.Bugfix. New feature and changes: - user code can be deleted; - in Service Mode Eclipse keypad Status LED will blink fast in following green & red color; - Manager Menu [93] is OFF now by default for Eclipse LCD32 Sensitive; - zones from 1 to 8 are now unlocked from device 1 and can be attached to any device; - new and reordered Troubles: 1. AC Loss, 2. Battery Trouble, 3. Blown fuse, 4. Tel. line TRBL/Comm. Fail, 5. Tamper, 6. Sysbus Err, 9. Invalid clock)
	6.8.2015	SW 2.xx / HW 1.51(CPU LPC1756)	CPU is replaced and now is the same as the one in Eclipse 16 & Eclipse 32.
	27.7.2015	SW 1.93 / HW 1.50(CPU LPC1754)	PSTN communication corrections.
	19.5.2014	SW 1.92 / HW 1.50	Corrected HANDSHAKE signal recognition in PSTN with ContactID protocol.
	7.5.2014	SW 1.91 / HW 1.50	1. Resistors' replacement R82 (390 Ω to 470 Ω) and R116 (1.2k 1% to 1k 1%). 2. Added service keypad connector on the mainboard.
	1.4.2014	SW 1.91 / HW 1.50	Increased PSTN stability in ContactID protocol.
	4.3.2014	SW 1.90 / HW 1.50	1. Eclipse power-up initial time is between 30 and 60 seconds. 2. Engineer & Manufacturer Codes must be deleted by long press "0" before changing. 3. All remote access attributes (Manager Menu >> 17) are now ON by default: DISARM, ARM, CODES ACCESS, PROGRAMMING, BYPASS. 4. Software improvement in AC and battery power level management.
	24.1.2014	SW 1.89 / HW 1.50	Improved PSTN communicator and zones algorithm.
	10.1.2014	SW 1.88 / HW 1.50	Added service keypad connector on mainboard.
	5.12.2013	SW 1.88 / HW 1.40	Transformer changed – 23VAC
	15.10.2013	SW 1.88 / HW 1.40	1. SYTEM DEFAULTS [0099] removed from the menu. 2. PC ID, [6901] and UDL Options [6904] added to the menu. 3. Increased Number of RINGS [6905] from 9 to 99. 4. If Voice Dialer module is missing, then "PINKO" melody will be played only for Burglar Alarm events. 5. Bugfix.
	2.8.2013	SW 1.86 / HW 1.40	Eclipse VD and Eclipse Proxy IT support
	18.5.2013	SW 1.84 / HW 1.40	BUS communication improvements
	29.4.2013	SW 1.83 / HW 1.40	PSTN communicator changes - incoming call algorithm.
	11.4.2013	SW 1.82 / HW 1.40	Bugfix in regard to the upgrade procedure
	29.3.2013	SW 1.81 / HW 1.40	BUS communication improvements
	26.2.2013	SW 1.80 / HW 1.30	HW changes - components changed for improved stability
	-	SW 1.76 / HW 1.30	Primery version of the product

Eclipse 8+			
Current Version	Date	Version	Changes
→→→	18.12.2023	SW 4.12 / HW 1.21	Clock working improvements and added Wireless Outdoor Detectors Support
	5.7.2023	SW 4.10 / HW 1.21	PAX devices configuration support
	5.1.2023	SW 4.02 / HW 1.21	SW: Exit time problem fix
	29.7.2022	SW 4.0 / HW 1.20	SW: PAX WL expander and PAX WL devices support
	26.2.2021	SW 3.11 / HW 1.20	HW: improvements
	5.1.2021	SW 3.11 / HW 1.10	Initial version of both HW and SW

Eclipse 16			
Current Version	Date	Version	Changes
→→→	18.12.2023	SW 4.12 / HW 1.51	Clock working improvements and added Wireless Outdoor Detectors Support
	5.7.2023	SW 4.10 / HW 1.51	PAX devices configuration support
	5.1.2023	SW 4.02 / HW 1.51	SW: Fixed missing exit time
	9.9.2022	SW 4.0 / HW 1.51	SW: PAX WL expander and PAX WL devices support
	17.11.2021	SW 3.1 / HW 1.51	HW: Component change for Clock stability reasons
	7.4.2021	SW 3.11 / HW 1.5	SW: Software battery protection added
	25.3.2020	SW 3.1 / HW 1.5	SW: 1. Multiple Eclipse WL support – Eclipse 16, 32 and 99 support up to 4 Eclipse WL expanders 2. Editing Eclipse VD phone numbers through the Manager menu is now possible 3. User can edit/delete his own Proxy card, through the User menu 4. A and B buttons of Bravo RC-41 can now be programmed separately 5. Modem feature is now working for Eclipse 16, 32 and 99 panels 6. Bugfix
	8.5.2019	SW 3.0 / HW 1.5	SW: 1. Second entry time for each area 2. Manager text menu 3. Separated option for B button of Bravo RC-41 4. Main screen selection for LCD keypads 5. Ambush code and Panic could be transmitted over the Eclipse VD module 6. AC lost delay is valid for the Eclipse expanders
	3.1.2019	SW 2.20 / HW 1.5	HW: Micro USB added
	26.10.2017	SW 2.20 / HW 1.3	HW: PSTN improvements (Morocco, Eclipse VD)
	3.5.2017	SW 2.20 / HW 1.21	HW: PSTN improvements - increased input and output levels.
	2.5.2017	SW 2.20 / HW 1.14	Improved algorithm for restore events
	7.12.2016	SW 2.10 / HW 1.14	1. The setting at address 6001 is now available for both the PSTN and Eclipse VD communicators. Address 6102 is no longer available. 2. New addresses to Eclipse VD programming menus – 61X2. The engineer sets message type for reporting ("X" is a phone number from 1 to 8). 3. Added new option "3. MODEM" at address – 6904 4. Added new option for the Eclipse VD - " Skip site name". 5. Telephone communicator is improved
	10.10.2016	SW 2.03 / HW 1.14	HW: Communicator's output level is increased by R100 replacement.
	9.5.2016	SW 2.03 / HW 1.13	SW: Fixed bug in Text Menu at address 6000 [PSTN Options]. HW: Resistor replacement R120 (470 kΩ to 330 kΩ). This HW change will affect only production process.
	2.3.2016	SW 2.02 / HW 1.12	Manufacturing process changes only SW: Automatic setting of the power supply during manufacturing HW: Components changed (Resistors and capacitors)
	29.7.2015	SW 2.00 / HW 1.11	Added support for new bus devices: Eclipse WL Expander and Eclipse Proxy. Improved communication with bus devices. Some strings changed in Text Menu. Bugfix. New feature and changes: - user code can be deleted; - in Service Mode Eclipse keypad Status LED will blink fast in following green & red color; - Manager Menu [93] is OFF now by default for Eclipse LCD32 Sensitive; - zones from 1 to 8 are now unlocked from device 1 and can be attached to any device; - pgms are now 8 and they are also unlocked as zones. - alarm from zone attached to several areas will be retriggered if only one area is disarmed - new and reordered Troubles: 1. AC Loss, 2. Battery Trouble, 3. Blown fuse, 4. Tel. line TRBL/Comm. Fail, 5. Tamper, 6. Sysbus Err, 8. Siren Fault, 9. Invalid clock, 10. WL device trouble (Low battery charge of wireless device; Wireless device lost; Dirty chamber of a wireless fire), 11. WL RF jamming, 12. AUX PSU trouble (The mains power supply is lost; Problem with the backup battery; Blown out fuse)
	23.5.2014	SW 1.92 / HW 1.11	Corrected HANDSHAKE signal recognition in PSTN with ContactID protocol.
	16.4.2014	SW 1.91 / HW 1.11	Resistors' replacement R82 (390 Ω to 470 Ω) and R116 (1.2k 1% to 1k 1%)
	10.4.2014	SW 1.91 / HW 1.10	Increased PSTN stability in ContactID protocol.
	7.3.2014	SW 1.90 / HW 1.10	1. Eclipse power-up initial time is between 30 and 60 seconds. 2. Engineer & Manufacturer Codes must be deleted by long press "0" before changing. 3. All remote access attributes (Manager Menu >> 17) are now ON by default: DISARM, ARM, CODES ACCESS, PROGRAMMING, BYPASS. 4. Software improvement in AC and battery power level management.
	31.1.2014	SW 1.89 / HW 1.10	Improved PSTN communicator and zones algorithm.
	6.1.2014	SW 1.88 / HW 1.10	Transformer changed - 23VAC

Eclipse 32			
Current Version	Date	Version	Changes
→→→	18.12.2023	SW 4.12 / HW 2.32	Clock working improvements and added Wireless Outdoor Detectors Support
	5.7.2023	SW 4.10 / HW 2.31	PAX devices configuration support
	5.1.2023	SW 4.02 / HW 2.31	SW: Fixed missing exit time
	9.9.2022	SW 4.0 / HW 2.31	SW: PAX WL expander and PAX WL devices support
	19.6.2020	SW 3.1 / HW 2.31	HW: Manufacturing process improvements only
	25.3.2020	SW 3.1 / HW 2.3	SW: 1. Multiple Eclipse WL support – Eclipse 16, 32 and 99 support up to 4 Eclipse WL expanders 2. Editing Eclipse VD phone numbers through the Manager menu is now possible 3. User can edit/delete his own Proxy card, through the User menu 4. A and B buttons of Bravo RC-41 can now be programmed separately 5. Modem feature is now working for Eclipse 16, 32 and 99 panels 6. Bugfix
	8.5.2019	SW 3.0 / HW 2.3	SW: 1. Second entry time for each area 2. Manager text menu 3. Separated option for B button of Bravo RC-41 4. Main screen selection for LCD keypads 5. Ambush code and Panic could be transmitted over the Eclipse VD module 6. AC lost delay is valid for the Eclipse expanders
	3.1.2019	SW 2.20 / HW 2.3	HW: Micro USB added
	5.4.2018	SW 2.20 / HW 2.21	HW: Changed component (diode)
	26.10.2017	SW 2.20 / HW 2.2	HW: PSTN improvements (Morocco, Eclipse VD)
	2.5.2017	SW 2.20 / HW 2.1	Improved algorithm for restore events
	17.11.2016	SW 2.10 / HW 2.1	HW: Fire Zone (PGM4) improvements - support of 32 devices, connected up to 100 meters total distance. PSTN improvements - increased input and output levels.
	11.11.2016	SW 2.10 / HW 1.64	1. New address for Eclipse 32 control panel - 0096. The engineer enables with [1] – "STANDARD EN50131 ON" automatic settings for compliance with the requirements of EN50131 GRADE 2 Standard 2. The setting at address 6001 is now available for both the PSTN and Eclipse VD communicators. Address 6102 is no longer available. 3. New addresses to Eclipse VD programming menus – 61X2. The engineer sets message type for reporting ("X" is a phone number from 1 to 8). 4. Added new option "3. MODEM" at address – 6904 5. No combination set by default for Maintenance code. 6. Added new option for the Eclipse VD - " Skip site name". 7. Telephone communicator is improved
	10.10.2016	SW 2.02 / HW 1.64	HW: Communicator's output level is increased by R100 replacement.
	24.2.2016	SW 2.02 / HW 1.63	Manufacturing process changes only SW: Automatic setting of the power supply during manufacturing HW: Components changed (Resistors and capacitors)
	15.7.2015	SW 2.01 / HW 1.80	PSTN communication corrections.

			Added support for new bus devices: Eclipse WL Expander and Eclipse Proxy. Improved communication with bus devices. Some strings changed in Text Menu.Bugfix. New feature and changes: - user code can be deleted; - in Service Mode Eclipse keypad Status LED will blink fast in following green & red color; - Manager Menu [93] is OFF now by default for Eclipse LCD32 Sensitive; - zones from 1 to 8 are now unlocked from device 1 and can be attached to any device; - alarm from zone attached to several areas will be retored if only one area is disarmed - new and reordered Troubles: 1. AC Loss, 2. Battery Trouble, 3. Blown fuse, 4. Tel. line TRBL/Comm. Fail, 5. Tamper, 6. Sysbus Err, 7. Fire line Error, 8. Siren Fault, 9. Invalid clock, 10. WL device trouble (Low battery charge of wireless device; Wireless device lost; Dirty chamber of a wireless fire), 11. WL RF jamming, 12. AUX PSU trouble (The mains power supply is lost; Problem with the backup battery; Blown out fuse)
	20.4.2015	SW 2.00 / HW 1.80	
	23.5.2014	SW 1.92 / HW 1.80	Corrected HANDSHAKE signal recognition in PSTN with ContactID protocol.
	3.4.2014	SW 1.91 / HW 1.80	Increased PSTN stability in ContactID protocol.
	4.3.2014	SW 1.90 / HW 1.80	Eclipse power-up initial time is between 30 and 60 seconds. Engineer & Manufacturer Codes must be deleted by long press "0" before changing. All remote access attributes (Manager Menu >> 17) are now ON by default: DISARM, ARM, CODES ACCESS, PROGRAMMING, BYPASS. Software improvement in AC and battery power level management. Software improvement in UDL communication algorithm (silence detection).
	24.1.2014	SW 1.89 / HW 1.80	Improved PSTN communicator and zones algorithm.
	18.12.2013	SW 1.87 / HW 1.80	Resistors' replacement R82 (390 Ω to 470 Ω) and R116 (1.2k 1% to 1k 1%). Added R168 = 10k and C128 = 100nF on fire zone. Added service keypad connector on the mainboard. Replaced Analog IN, R79 = 6.2k, 1% and R158 = 7.5k, 1%.
	2.10.2013	SW 1.87 / HW 1.70	Improvements and default settings changes - Manager user (User 1) has rights for all areas by default - Dialer sends "Pink Panther" melody only for Alarm event - Addresses 6902 and 0099 are removed from the programming menu - Rings (6905) max number is changed to 99
	2.8.2013	SW 1.86 / HW 1.70	Eclipse VD and Eclipse Proxy IT support
	11.6.2013	SW 1.85 / HW 1.70	Stability improvements - BUS
	18.5.2013	SW 1.84 / HW 1.70	Stability improvements - BUS traffic is limited
	29.3.2013	SW 1.81 / HW 1.70	Bugfix - BUS communication
	8.2.2013	SW 1.80 / HW 1.70	Improvements: - ProSTE firmware update is now possible - Communicator priorities setting (PSTN/AJAX) - Bugfix
	21.9.2012	SW 1.75 / HW 1.70	Bugfix
	28.6.2012	SW 1.71 / HW 1.61	SW - Bugfix HW - Components changed
	5.6.2012	SW 1.70 / HW 1.60	HW - Fire zone schematic changed - PGM protection added

Eclipse 99			
Current Version	Date	Version	Changes
→→→	18.12.2023	SW 4.12 / HW 1.43	Clock working improvements and added Wireless Outdoor Detectors Support
	5.7.2023	SW 4.10 / HW 2.31	PAX devices configuration support
	5.1.2023	SW 4.02 / HW 2.31	SW: Fixed missing exit time
	9.9.2022	SW 4.0 / HW 1.41	SW: PAX WL expander and PAX WL devices support
	19.6.2020	SW 3.1 / HW 1.41	HW: Manufacturing process improvements only
	25.3.2020	SW 3.1 / HW 1.40	SW: 1. Multiple Eclipse WL support – Eclipse 16, 32 and 99 support up to 4 Eclipse WL expanders 2. Editing Eclipse VD phone numbers through the Manager menu is now possible 3. User can edit/delete his own Proxy card, through the User menu 4. PGM control via programmable button of the wireless RC 5. Modem feature is now working for Eclipse 16, 32 and 99 panels 6. Bugfix
	8.5.2019	SW 3.0 / HW 1.40	SW: 1. Second entry time for each area 2. Manager text menu 3. Separated option for B button of Bravo RC-41 4. Main screen selection for LCD keypads 5. Ambush code and Panic could be transmit over the Eclipse VD module 6. AC lost delay is valid for the Eclipse expanders
	3.1.2019	SW 2.20 / HW 1.40	HW: Micro USB added
	5.4.2018	SW 2.20 / HW 1.31	HW: Changed component (diode)
	1.11.2017	SW 2.20 / HW 1.30	HW: PSTN improvements (Morocco, Eclipse VD)
	-	SW 2.20 / HW 1.20	Initial SW and HW versions of the panel

Last Update 18.12.2023