

Alarm Control Panels

INTEGRA

Satel® 

Connecting to BT Redcare Secure Mk3 MANUAL



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WARNINGS

The security alarm system should be installed by qualified personnel.

Prior to installation, please read carefully this manual in order to avoid mistakes that can lead to malfunction or even damage to the equipment.

Disconnect power before making any electrical connections.

Changes, modifications or repairs not authorised by the manufacturer shall void your rights under the warranty.

SATEL's goal is to continually upgrade the quality of its products, which may result in some changes of their technical specifications and firmware. The current information on the introduced modifications is available on our website.

Please visit us:
<http://www.satel.eu>

The declaration of conformity may be consulted at www.satel.eu/ce

The following symbols may be used in this manual:



- note;



- caution.

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1. General

This manual applies to the control panels of the INTEGRA and INTEGRA Plus series:

- INTEGRA 24
- INTEGRA 32
- INTEGRA 64
- INTEGRA 128
- INTEGRA 64 Plus
- INTEGRA 128 Plus
- INTEGRA 256 Plus

This manual assumes that the dial capture board is already fitted inside the BT Redcare Secure Mk3 unit.

AUX or another high current output can be used instead of OUT2 in step 2.2.2 if you prefer.

The Redcare terminals marked PANEL A and PANEL B are not polarity conscious.

The dial capture board will auto detect the events as they are sent from the INTEGRA panel.

The Redcare unit takes up to 5 minutes to boot, so the installer must wait before it is online.

2. System installation



Disconnect power before making any electrical connections.

The following tools will be useful during installation:

- slotted screwdriver 2.5 mm,
- Phillips screwdriver,
- side cutters.

2.1 Cabling

It is recommended that unscreened straight-through cable be used for making electric connections between devices included in the system (using twisted-pair cable, e.g. UTP, STP, FTP, is not advisable).

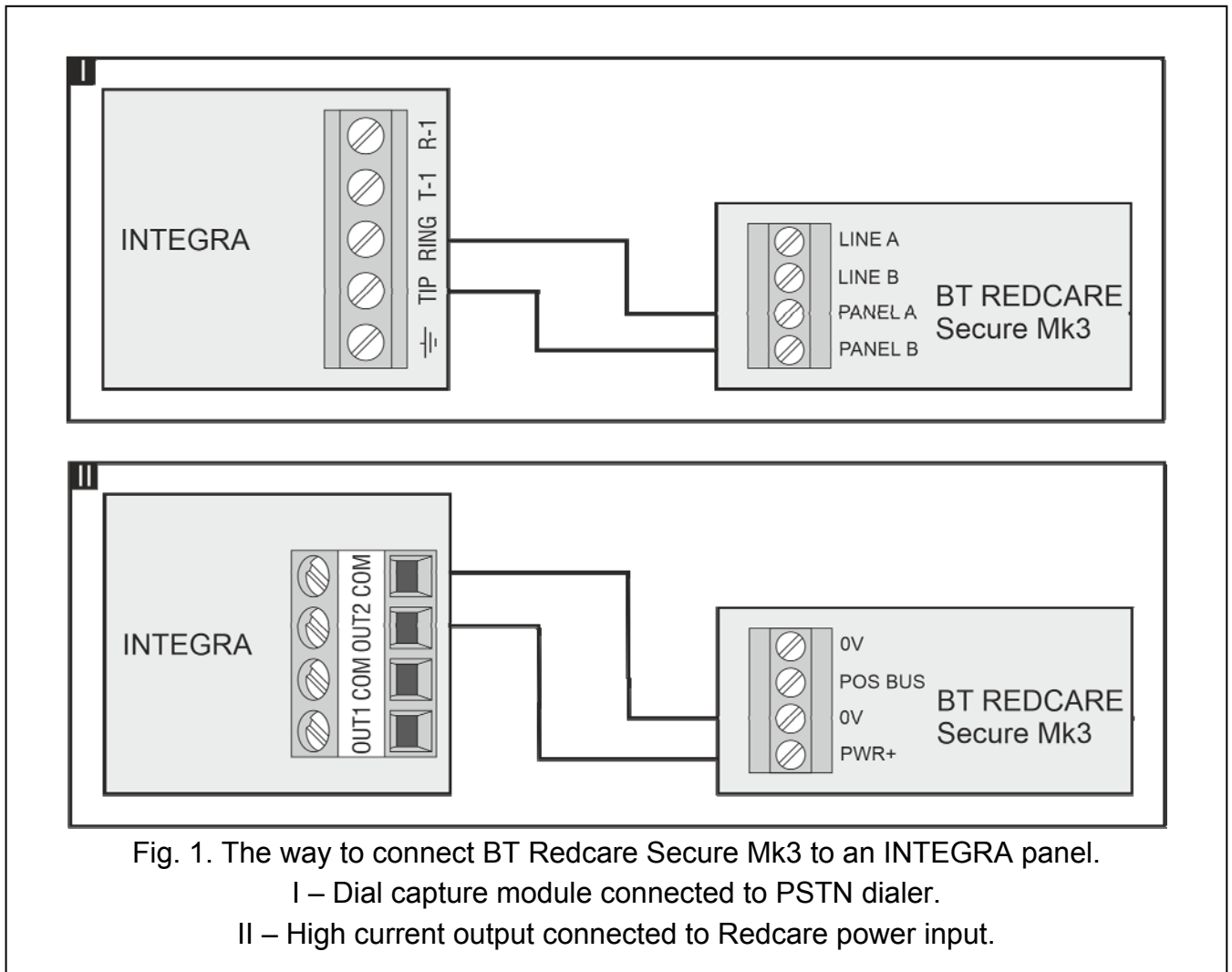
2.2 Connection of BT Redcare Secure Mk3 unit



The control panel mainboard contains electronic components sensitive to electric charges.

You must complete all wiring, connections and device installations before connecting the battery or applying AC mains to the control panel.

1. Connect the “TIP” and “RING” telephone line input terminals from the INTEGRA panel to the terminals marked “Panel A” and “Panel B” on the Secure MK3 unit.
2. Connect the “OUT2” high-current programmable output terminal from the INTEGRA panel to the terminal marked “PWR+” on the Secure MK3 unit.
3. Connect the “COM” common ground terminal adjacent to the “OUT2” terminal from the INTEGRA panel to the terminal marked “0V” on the Secure MK3 unit.



3. System programming

Connect your computer to an INTEGRA panel for programming using:

- DLOADX software (available from Satel website)
- PC computer running Windows
- USB-RS programming cable

3.1 Programming communication with BT Redcare Secure Mk3 unit

1. Navigate to “Data → Reporting → Monitoring stations” in DLOADX.
2. Click the tick box next to “Reporting – TELEPHONE”.
3. Select “Station 1 only”.
4. Select “Reporting Format: Contact ID (full)”.
5. Enter “29” in “Tel. Number”.
6. Enter the last 4 digits of the Redcare TAID as the identifier. Enter this in both “Identifiers 1” and “Identifiers Sys.”.
7. Navigate to “Data → Outputs”.
8. Program the Output 2 function to “41: Power supply”.
9. Write the changes to the panel.

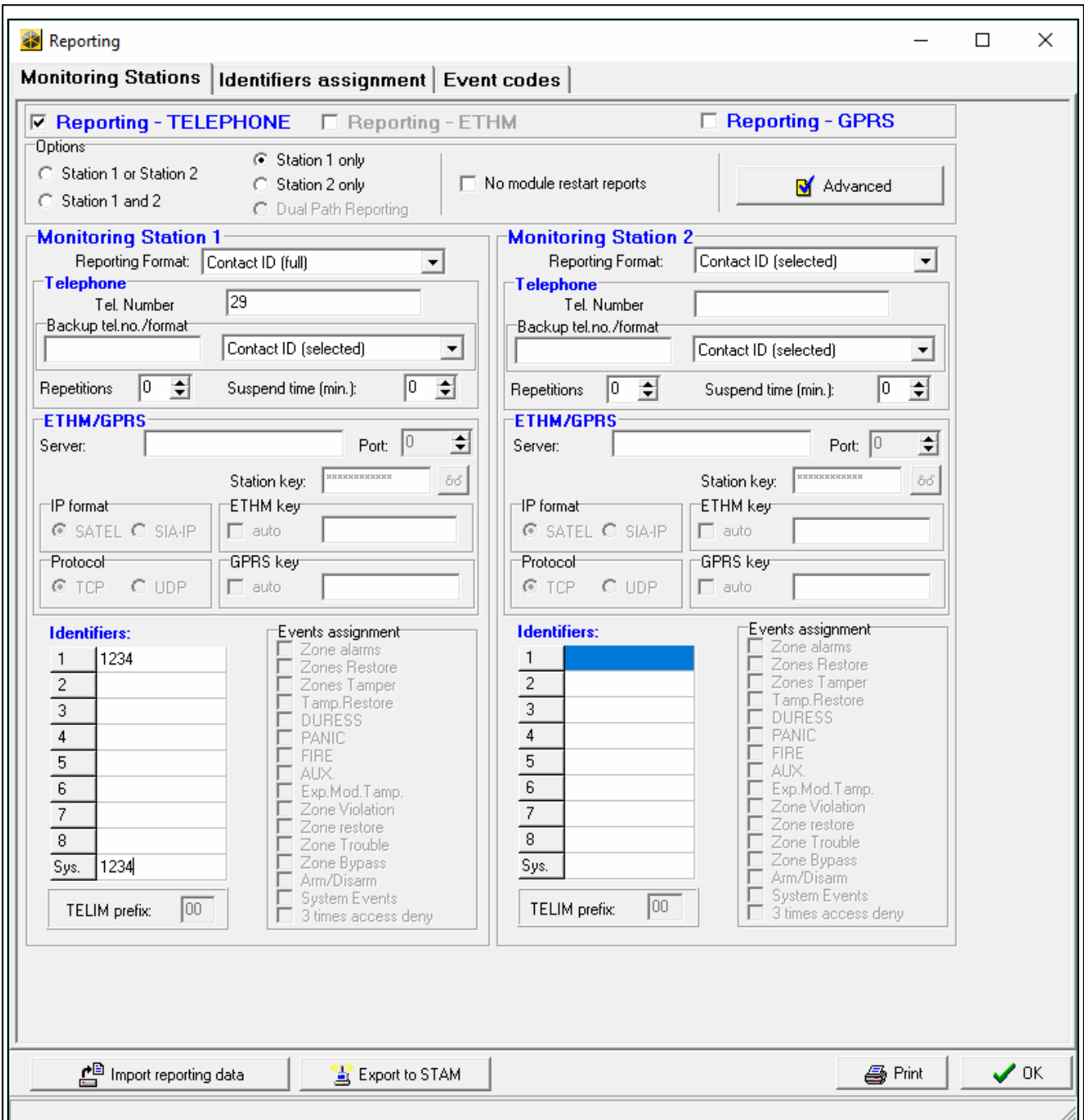


Fig. 2. Example of Reporting settings.

🔧 Outputs
— □ ×

No.	Output name	Output function	Cut off time	State	Pol.+	Puls.	Latch	Triggering:	Triggering: LCD keypads
1	Output 1	2: Fire/Burglary	0 min. 30 sec.	0: star X				zones: 1+64	0+7
2	Output 2	41: Power supply	0 min. 0 sec.	0: star X					
3	Output 3	41: Power supply	0 min. 30 sec.	0: star X					
4	Output 4	41: Power supply	0 min. 30 sec.	0: star X					
5	Output 5	0: Not used	0 min. 30 sec.	0: star X					
6	Output 6	0: Not used	0 min. 30 sec.	0: star X					
7	Output 7	0: Not used	0 min. 30 sec.	0: star X					
8	Output 8	0: Not used	0 min. 30 sec.	0: star X					
9	Output 9	0: Not used	0 min. 30 sec.	0: star X					
10	Output 10	0: Not used	0 min. 30 sec.	0: star X					
11	Output 11	0: Not used	0 min. 30 sec.	0: star X					
12	Output 12	0: Not used	0 min. 30 sec.	0: star X					
13	Output 13	0: Not used	0 min. 30 sec.	0: star X					
14	Output 14	0: Not used	0 min. 30 sec.	0: star X					
15	Output 15	0: Not used	0 min. 30 sec.	0: star X					
16	Output 16	0: Not used	0 min. 30 sec.	0: star X					
17	Output 17	0: Not used	0 min. 30 sec.	0: star X					
18	Output 18	0: Not used	0 min. 30 sec.	0: star X					
19	Output 19	0: Not used	0 min. 30 sec.	0: star X					
20	Output 20	0: Not used	0 min. 30 sec.	0: star X					
21	Output 21	0: Not used	0 min. 30 sec.	0: star X					
22	Output 22	0: Not used	0 min. 30 sec.	0: star X					
23	Output 23	0: Not used	0 min. 30 sec.	0: star X					
24	Output 24	0: Not used	0 min. 30 sec.	0: star X					
25	Output 25	0: Not used	0 min. 30 sec.	0: star X					
26	Output 26	0: Not used	0 min. 30 sec.	0: star X					
27	Output 27	0: Not used	0 min. 30 sec.	0: star X					

Triggering output 2

Zones:

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56
57	58	59	60	61	62	63	64

LCD keypads:

0	1	2	3	4	5	6	7
---	---	---	---	---	---	---	---

From Part./Part. Keypads:

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32

Clearing

Alarm clearing in part:

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32

← Previous
Next +
🔗 Output groups
Comments:
🖨️ Print
✅ OK

Previous value: 2
Module: Main Board.

Fig. 3. Example of Outputs settings.