


# Komunikāciju interfeiss IF-Paradox

**Instalācijas instrukcija**

**2003. g.**

# Vispārīgas ziņas

Ziņojumu formātu salāgotājs paredzēts, lai savietotu objekta ierīci **RT4-5se** ar apsardzes paneli **PARADOX ESPRIT** (sērija 7x8 (V 3.00 un augstāk) un **PARADOX SPECTRA** (V 1.00 - 1.23).

**Ziņojumu formātu salāgotājam ir:**

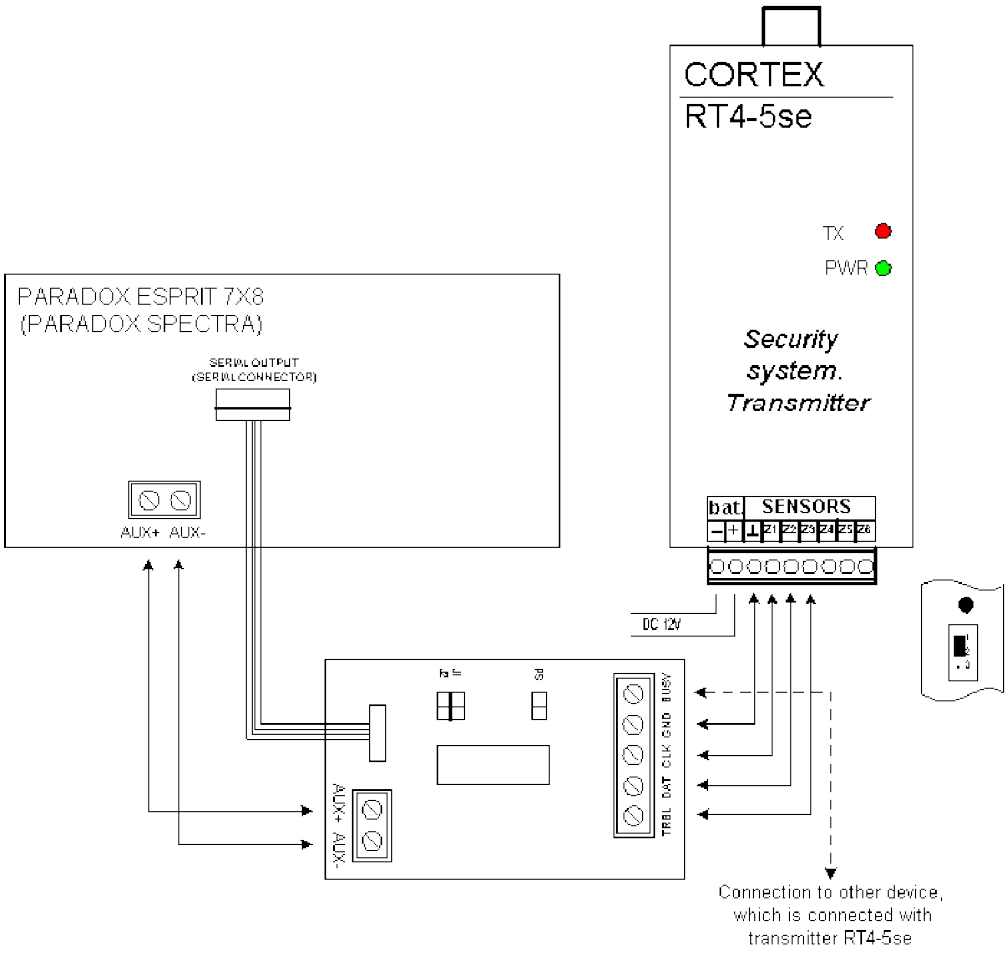
- Divas kontaktligzdas
  - Ligzda barošanas sprieguma pieslēgšanai (tas tiek padots no apsardzes paneļa)
  - Ligzda salāgotāja pieslēgšanai pie raidītāja **RT4-5se**
- Savienojošais kabelis
- Barošanas sprieguma indikators
- Džamperis **PS** (plates numura izvēle)
  - ar uzstādītu džamperi - PS - **PARADOX ESPRIT** sērija 7x8
  - bez džampera PS - **PARADOX SPECTRA**
- Džamperi plates numura iestādīšanai (džamperi **J1, J2**)

| Džampers J1 | Džampers J2 | Plates numurs |
|---|---|---|
| + | + | 0 |
| - | + | 1 |
| + | - | 2 |
| - | - | 3 |

**Džamperi attiecīgos stāvokļos jāiestāda, kamēr nav pieslēgts barošanas spriegums. Pēc barošanas sprieguma pieslēgšanas džamperu stāvokli mainīt kategoriski aizliegts.**

Pastāv iespēja lietot paralēli astoņus ziņojumu formātu salāgotājus (četri salāgotāji darbam ar paneļiem **PARADOX ESPRIT sērija 7x8** un četri salāgotāji darbam ar paneļiem **PARADOX SPECTRA**), kā arī iespēja lietot ziņojumu formātu salāgotājus paralēli ar citām iekārtām (zonu paplašinātāju, komunikāciju interfeisu), kas pieslēgtas pie objekta ierīces **RT4-5se**. Lai nodrošinātu iekārtu kvalitatīvu sadarbību, nepieciešams savienot savā starpā visu iekārtu izejas **BUSY**, kas pieslēgtas pie objekta ierīces **RT4-5se**.

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# PARADOX ESPRIT 7X8 event code list

| Number (HEX) | Group of events | Number (HEX) | EVENT (Assigned at each group) |
|---|---|---|---|
| | | 00 | Midnight |
| | | 01 | TLM trouble |
| 4A | NON-REPORTABLE EVENT | 02 | Fail to communicate |
| | | 03 | Alarm reset |
| | | 00 | Master |
| | | 01 | User 1 |
| | | 02 | User 2 |
| | | 03 | User 3 |
| | | 04 | User 4 |
| | | 05 | User 5 |
| | | 06 | User 6 |
| | | 07 | User 7 |
| | | 08 | User 8 |
| | | 09 | User 9 |
| | | 0A | User 10 |
| | | 0B | User 11 |
| | | 0C | User 12 |
| | | 0D | User 13 |
| | | 0E | User 14 |
| | | 0F | User 15 |
| | | 10 | User 16 |
| | | 11 | User 17 |
| | | 12 | User 18 |
| | | 13 | User 19 |
| | | 14 | User 20 |
| | | 15 | User 21 |
| 5B | DISARM SYSTEM (No partition) | 16 | User 22 |
| 4B | DISARM SYSTEM A | 17 | User 23 |
| 7B | DISARM SYSTEM B | 18 | User 24 |
| | | 19 | User 25 |
| 58 | ARM SYSTEM (No partition) | 1A | User 26 |
| 48 | ARM SYSTEM A | 1B | User 27 |
| 78 | ARM SYSTEM B | 1C | User 28 |
| | | 1D | User 29 |
| | | 1E | User 30 |
| | | 1F | User 31 |
| | | 20 | User 32 |
| | | 21 | User 33 |
| | | 22 | User 34 |
| | | 23 | User 35 |
| | | 24 | User 36 |
| | | 25 | User 37 |
| | | 26 | User 38 |
| | | 27 | User 39 |
| | | 28 | User 40 |
| | | 29 | User 41 |
| | | 2A | User 42 |
| | | 2B | User 43 |
| | | 2C | User 44 |
| | | 2D | User 45 |
| | | 2E | User 46 |
| | | 2F | User 47 |
| | | 30 | User 48 |
| | | FF | ESPLOAD |

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| Number (HEX) | Group of events | Number (HEX) | EVENT (Assigned at each zone) |
|---|---|---|---|
| 59 | ALARM ZONE (No partition) | 01 | Zone 1 |
| 49 | ALARM ZONE (System A) | 02 | Zone 2 |
| 79 | ALARM ZONE (System B) | 03 | Zone 3 |
| | | 04 | Zone 4 |
| 5E | ALARM RESTORE (No partition) | 05 | Zone 5 |
| 4E | ALARM RESTORE (System A) | 06 | Zone 6 |
| 7E | ALARM RESTORE (System B) | 07 | Zone 7 |
| | | 08 | Zone 8 |
| 5F | ZONE BYPASS (No partition) | 09 | Zone 9 |
| 4F | ZONE BYPASS (System A) | 0A | Zone 10 |
| 7F | ZONE BYPASS (System B) | 0B | Zone 11 |
| | | 0C | Zone 12 |
| 5D | TAMPER ZONE (No partition) | 0D | Zone 13 |
| 4D | TAMPER ZONE (System A) | 0E | Zone 14 |
| 7D | TAMPER ZONE (System B) | 0F | Zone 15 |
| | | 10 | Zone 16 |
| | | 11 | Zone 17 |
| | | 12 | Zone 18 |
| | | 13 | Zone 19 |
| | | 14 | Zone 20 |
| | | 15 | Zone 21 |
| | | 16 | Zone 22 |
| | | 17 | Zone 23 |
| | | 18 | Zone 24 |
| 53 | TROUBLE | 00 | Auxiliary |
| | | 01 | Bell |
| | | 02 | Battery |
| | | 03 | Power supply |
| | | 04 | Fire loop |
| | | 05 | Timer loss |
| 50 | TROUBLE RESTORE | 00 | Auxiliary |
| | | 01 | Bell |
| | | 02 | Battery |
| | | 03 | Power supply |
| | | 04 | Fire loop |
| | | 05 | Timer prog. |
| | | 06 | General tamper |
| | | 07 | TLM |
| 57 | PROGRAMMING IN | 00 | Esploud login |
| | | 01 | Installer on site |
| 55 | SPECIAL | 00 | Test report |
| | | 01 | Panic 1 |
| | | 02 | Panic 2 |
| | | 03 | Panic 3 |
| | | 04 | Late to lose |
| | | 05 | No movement |
| | | 06 | Partial arming |
| | | 07 | Recent close |
| | | 08 | Duress |

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# PARADOX SPECTRA event code list

| Number (HEX) | Event Group | Number (HEX) | Sub-Group |
|---|---|---|---|
| 05 | Non-Reportable Events | 00 | Telephone Line Trouble (Partition 1 only) |
| | | 01 | [PG] or [FNC1] key pressed (Partition 1 only) |
| | | 02 | Instant Arming |
| | | 03 | Stay Arming |
| | | 04 | Force Arming |
| | | 05 | Fast Exit (Force & Regular only) |
| | | 06 | PC Fail to Communicate (Partition 1 only) |
| | | 07 | Midnight (Partition 1 only) |
| | | 08 | Ground start (Partition 1 only) |
| 06 | Arm/Disarm with Remote Control | 01-08 | Remote Controls 1 to 8 |
| 07 | Button Pressed1 on Remote Note1 | 01-08 | Remote Controls 1 to 8 |
| 08 | Button Pressed2 on Remote Note2 | 01-08 | Remote Controls 1 to 8 |
| 09 | Button Pressed3 on Remote Note3 | 01-08 | Remote Controls 1 to 8 |
| 0A | Bypass Programming | 01-30 | User Code Numbers 001 to 048 |
| 0B | User Activated PGM | 01-30 | User Code Numbers 001 to 048 |
| 0C | Zone with Delay Transmission Option Enabled is Breached | 01-10 | Zones 1 to 16 |
| 0D | Arm with User Code | 01-30 | User Code Numbers 001 to 048 |
| 0E | Special Arm | 00 | Auto Arming (timed/no movement) |
| | | 01 | Late to Close (auto arming failed) |
| | | 02 | No Movement Auto Arming |
| | | 03 | Partial Arming (Stay, Force, Instant, Bypass) |
| | | 04 | One Touch Arming |
| | | 05 | Arm with WinLoad Software |
| | | 06 | Arm with Keyswitch |
| 0F | Disarm with User Code | 01-30 | User Code Numbers 001 to 048 |
| 10 | Disarm After Alarm w/User Code | 01-30 | User Code Numbers 001 to 048 |
| 11 | Cancel Alarm with User Code | 01-30 | User Code Numbers 001 to 048 |

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| | | | |
|---|---|---|---|
| 12 | Special Disarm | 00 | Cancel Auto Arm (timed/no movement) |
| | | 01 | Disarm with WinLoad Software |
| | | 02 | Disarm with Keyswitch |
| | | 03 | Reserved for Future Use |
| | | 04 | Disarm after alarm with WinLoad |
| | | 05 | Disarm after alarm with Keyswitch |
| | | 06 | Cancel Alarm with WinLoad Software |
| | | 07 | Cancel Alarm with Keyswitch |
| 13 | Zone Bypassed on Arming | 01-10 | Zones 1 to 16 |
| 14 | Zone in Alarm | 01-10 | Zones 1 to 16 |
| 15 | Fire Alarm | 03 | Zone 3 |
| 16 | Zone Alarm Restore | 01-10 | Zones 1 to 16 |
| 17 | Fire Alarm Restore | 03 | Zone 3 |
| 18 | Special Alarm | 00 | Emergency Panic |
| | | 01 | Auxiliary Panic |
| | | 02 | Fire Panic |
| | | 03 | Recent Closing |
| | | 04 | Auto Zone Shutdown |
| | | 05 | Duress Alarm |
| 19 | Auto Zone Shutdown | 01-10 | Zones 1 to 16 |
| 1A | Zone Tamper | 01-10 | Zones 1 to 16 |
| 1B | Zone Tamper Restore | 01-10 | Zones 1 to 16 |
| Number (HEX) | Event Group | Number (HEX) | Sub-Group |

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| | | | |
|---|---|---|---|
| 1C | System Trouble | 01 | AC Loss: only after Power Failure Delay has elapsed (Partition 1 only) |
| | | 02 | Battery Failure (Partition 1 only) |
| | | 03 | Auxiliary current overload (Partition 1 only) |
| | | 04 | Bell current overload (Partition 1 only) |
| | | 05 | Bell disconnected (Partition 1 only) |
| | | 06 | Timer Loss (Partition 1 only) |
| | | 07 | Fire Loop Trouble (Partition 1 only) |
| | | 08 | Wireless Transmitter Low Battery (Partition 1 only) |
| | | 09 | Module Fault (Partition 1 only) |
| | | 0A | Printer Fault (Partition 1 only) |
| | | 0B | Fail to Communicate (Partition 1 only) |
| 1D | System Trouble Restore | 00 | TLM restore (Partition 1 only) |
| | | 01 | AC Loss restore (Partition 1 only) |
| | | 02 | Battery Failure restore (Partition 1 only) |
| | | 03 | Auxiliary current overload restore (Partition 1 only) |
| | | 04 | Bell current overload restore (Partition 1 only) |
| | | 05 | Bell disconnected restore (Partition 1 only) |
| | | 06 | Timer programmed (Partition 1 only) |
| | | 07 | Fire Loop Trouble restore (Partition 1 only) |
| | | 08 | Wireless Trans. Low Battery restore (Partition 1 only) |
| | | 09 | Module Fault restore (Partition 1 only) |
| | | 0A | Printer Fault restore (Partition 1 only) |
| | | 0B | Fail to Communicate restore (Partition 1 only) |

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| | | | |
|---|---|---|---|
| 1E | Special Reporting | 00 | System Power Up (Partition 1 only) |
| | | 01 | Test Report (Partition 1 only) |
| | | 02 | WinLoad Software Access (Partition 1 only) |
| | | 03 | WinLoad Software Access finish (Partition 1 only) |
| | | 04 | Installer enters programming mode (Partition 1 only) |
| | | 05 | Installer exits programming mode (Partition 1 only) |
| 1F | Wireless Transmitter Supervision Loss | 01-10 | Zones 1 to 16 |
| 20 | Wireless Transmitter Supervision Loss Restore | 01-10 | Zones 1 to 16 |

Note1: This event will be generated when a remote control's button is set to activate a PGM (Button Option B).
Note2: This event will be generated when a remote control's button is set to activate a PGM (Button Option C).
Note3: This event will be generated when a remote control's button is set to activate a PGM (Button Option D).

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