

Коммуникационный интерфейс IF-Paradox

Руководство по инсталляции.

2003. g.

Общие сведения

Согласователь форматов сообщений предназначен для обеспечения совместного использования объектового устройства **RT4-5se** и охранных панелей **PARADOX ESPRIT серии 7x8 (V 3.00 и выше)** и **PARADOX SPECTRA (V 1.00 - 1.23)**.

Согласователь форматов сообщений содержит:

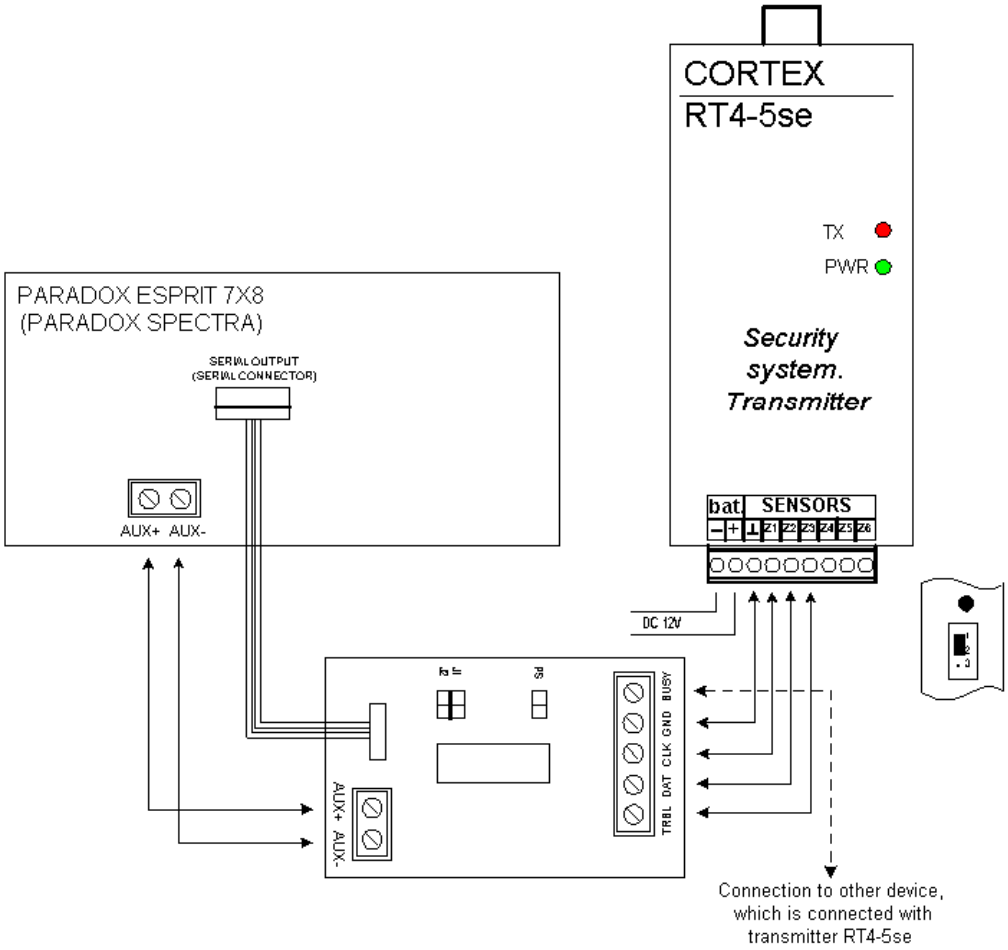
- 2 контактные колодки
  - колодка для подключения питания к согласователю форматов сообщений
  - (питание осуществляется от охранной панели)
- колодка для подключения к передатчику **RT4-5se**
- Соединительный кабель
- Индикатор питания
- Джампер **PS** (джампер выбора панели)
  - с установленным джампером **PS – PARADOX ESPRIT серии 7x8**
  - без джампера **PS – PARADOX SPECTRA**
- Джамперы для установки номера платы (джамперы **J1**, **J2**)

Джампер J1	Джампер J2	Номер платы
+	+	0
-	+	1
+	-	2
-	-	3

Установку джамперов следует осуществлять до включения питания. После включения питания менять положения джамперов категорически не рекомендуется.

Существует возможность параллельного использования 8 согласователей форматов сообщений (4 согласователя для работы с панелями **PARADOX ESPRIT серии 7x8** и 4 согласователя для работы с панелями **PARADOX SPECTRA**), а также возможность параллельного использования согласователей форматов сообщений с другими устройствами (зонным расширителем, коммуникационным интерфейсом и др.), подключаемыми к объектовому устройству **RT4-5se**. Для обеспечения их совместной качественной работы требуется соединить между собой выводы **BUSY** всех устройств, подключаемых к объектовому устройству **RT4-5se.**

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PARADOX ESPRIT 7X8 event code list

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

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			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

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).