

# SOFTWARE FOR OPERATING FLEX RECEIVER VIA USB

user manual



automatic systems

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### 1.USAGE

LocalFlex is a computer program designed to support FLEX receiver equipped with a F-USB card.

### 2. HARDWARE REQUIREMENTS

- PCz with MSWindows® version NT/XP/Vista/7/8/10,
- .net framework version 4.0 or later installation required.

### 3. INSTALLATION AND START-UP

The LocalFlex program is available for download on the producer's website www.dtm.pl. After downloading the software, run the LocalFlex\_Setup.exe installation file. After installing the software, run the LocalFlex program and connect the FLEX receiver, with the F-USB card in the 36-pin socket, to the computer using the included USB cable.



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### 4. PROGRAM FEATURES





(1)	LocalFlex version.
2	Connection status of the receiver with the programme.
3	The state of the receiver output. Active in the case of setting the FLEX receiver input signal mode (fig. 4, page 6).
4	The virtual remote to control receiver channels directly from the programme.
5	Language selection.
6	Information about the programme and the user manual.





# The "Properties".

In the receiver settings window (2) it is possible to add and change the receiver name, add or remove PIN code, set the Simple Programming function, set the authentication code of the Galactic function.

The "Channel setting" <sup>(C)</sup> allows to add the name of the receiver channels, select the operating mode of the outputs: monostable, bistable or momentary, to select the input activation time, and the selection of the trigger by one or double pressing.

LocalFlex - v1.0			- 🗆 X
<b>₽</b> Local	Properties Remotes Events	Backup Report Firmware	?
FLEX			Receiver: FLEX (328)
Flex connected	Receiver Id	Channel setting Input	
Input	328	B	•
INPUT	Description	Chapped number 1	
Inviolate		Brama wjazdowa	Monostable •
Virtual remote	4/60		Monostable Momentary
Brama wjazdowa		14/60	Double press
Brama garażowa Alarm	Automatically download time from internet	Channel number 2	
Oświetlenie	Disable Simple Programming function	Brama garażowa	Bistable
Change language	GALACTIC authentication code	15/60	☑ Double press
a <mark>t</mark> m	Save changes		♥

Fig. 2 View of the "Properties" window.



From the "Input" tab  $oldsymbol{\Theta}$  it is possible to set the receiver INPUT mode to control mode or signalling mode.

• Control mode (Fig. 3)

The input minimal activation time and the stimulation mode as NO (normally open) or NC (normally closed) can be set.

The output description can be add or change. From the tab it is also possible to relate the channels with manual control.

In this mode, the receiver input stimulation causes the activation of the related channels.

LocalFlex - v1.0			- 🗆 X
<b>₿</b> Local	Properties Remotes Events	Backup Report Firmware	?
<b>FLEX</b>			Receiver: FLEX (328)
Flex connected	Receiver Id	Channel setting Input	
Virtual remote	328 Description	Operating mode	Input stimulation mode
Brama wjazdowa	CLEV.	Control	NO
Brama garażowa	FLEA	O Signalling	O NC
Alarm			
Oświetlenie		Input description	Minimum activation time (sec.)
	4/60	INPUT 5/60	0
	<ul> <li>PIN</li> <li>Automatically download time from internet</li> </ul>	e	
	Disable Simple Programming function	Related channels	
		Brama garażowa (2)	
	GALACTIC authentication code	Alarm (3)	
	•••• Show code	Oświetlenie (4)	
atm	Save changes		

Fig. 3 Input control mode.

• Signalling mode (Fig. 5)

In this mode information about the state of the input is shown in the programme ③. So configured input can not control the receiver channels.

LocalFlex - v1.0								-		×
<u> </u>	Properties	Remotes	Events	Backup	Report	Firmware				?
<b>FLEX</b>								Receiver: F	LEX (328	B)
Flex connected	Receiver Id			Chan	nel setting	Input				
Input	328			0.000	I ation mode			Insuit stimulation mode		
	Description			0 Cc	ating mode			NO		
INPUT	FLEX			) Si	gnalling			O NC		
V Inviolate										
				Input	t description			Minimum activation time	e (sec.)	
Virtual remote	4/60			INP	UT		5/60	0		
Brama wjazdowa	D PIN									
Brama garażowa	Automatically	download time f	rom internet							
Alarm	Automatically	download time i	rom internet							
Oświetlenie	Disable Simple	Programming fu	unction							
	GALACTIC auth	entication code								
Change language	•••• 🗆 sho	w code								
tro										
	Save changes									

#### Fig. 4 Input signalling mode.



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## The "Remotes"



In order to use the available management options, remotes must be download from the receiver. If not downloaded the management options remains inactive.

Depending on the number of remotes in the memory the download process may take from a few seconds to several minutes.



Fig. 5 Remotes download.

After the remotes download operation, available management options such as adding, deleting, editing, copying can be use.

Remotes [9]	Events Backup Serial number 5559	Report Firmware  Firmware Firmware Firmware  Firmware  Firmware  Firmware  Firmware  Firmware  Firmware  Firmware  Firmware Firmware Firmware Firmware Firmware Firmware Firmware Firmware	Receiver	r: FLEX (32) Get remot
Show used remotes	Serial number 5559	<ul> <li>Import remotes</li> <li>Description</li> </ul>	Receiver	r: FLEX (32 Get remot
Show used remotes	Serial number	Impart remotes  Description	* Add Remote	Get remot
In memory position	Serial number	Description	Туре	
1	5559			
		victory cz. Edt Copy	Cut Remove	< Options
2	830858	Dodany przez LocalFlex1	Standard (DTM433)	< Options
3	20280	neo 4 sza 868	Standard	< Options
4	669922	neo4 szary	Standard (DTM433)	< Options
5	829614	829614 Dodany przez LocalFlex1		< Option:
6	600756	V4	Standard (DTM433)	< Options
7	644533	V4 zdalne dopisywanie	Standard (DTM433)	< Option
	20276	"dži"	Standard	< Option
	7	7         644533           8         20276	7         644533         V4 zdalne dopisywanie           8         20276         "dù"	7     644533     V4 zdalne dopisywanie     Standard (DTM433)       8     20276     "dzi"     Standard

Fig.6 Remotes management options.





## The "Events".

This tab allows to view (Fig. 7) and to filter (Fig. 8) events.

If "Show the current events" checkbox selected, the programme will begin displaying the current events on the screen.

Events recorded in the receiver memory can be download by using the "Get log" button.



Depending on the events amount accumulated in the receiver, download process can take from a few to tens of minutes. During synchronization, there is no possibility to control the channels of the receiver. Receiver channels operating in bistabile mode will be disabled for security reasons.

LocalFlex - v1.0		- 0	×
와 Local	Properties Remotes Events [1506] Backup Report Firmware		?
FLEX		Receiver: FLEX (328)	
Flex connected	Filter V Show current events	Getlo	g
Input	2016-06-03 12:34 Unassigned remote [Standard] with serial number [27923] was used. Button: [1].	^	
INPUT	2016-06-03 12:34 Unassigned remote [Standard] with serial number [27923] was used. Button: [3].		
Inviolate	2016-06-03 12:34 Unassigned remote [Standard] with serial number [27923] was used. Button: [1].		
Virtual remote	2016-06-03 12:33 Unassigned remote [Standard] with serial number [27866] was used. Button: [1].		
Brama wjazdowa	2016-06-03 12:33 Unassigned remote [Standard] with serial number [27970] was used. Button: [1].		
Brama garażowa	2016-06-03 12:33 Unassigned remote [Standard] with serial number [27947] was used. Button: [1].		
Alarm	2016-06-03 12:33 Unassigned remote [Standard] with serial number [27969] was used. Button: [1].		
Oświetlenie	2016-06-03 12:33 Unassigned remote [Standard] with serial number [27876] was used. Button: [1].		
	2016-06-03 12:33 Unassigned remote [Standard] with serial number [27977] was used. Button: [1].		
	2016-06-03 12:33 Unassigned remote [Standard] with serial number [27931] was used. Button: [1].		
Change language	2016-06-03 12:33 Unassigned remote [Standard] with serial number [27931] was used. Button: [1].		
	2016-06-03 12:33 Unassigned remote [Standard] with serial number [27967] was used. Button: [1].		
	2016-06-03 12:31 Unassigned remote [Standard] with serial number [27935] was used. Button: [1].	,	
atm.	[     ]     1/4     >     >     >		

Fig. 7 View of the "Events" window.

LocalFlex - v1.0		- 🗆 ×
<b></b> Local	Properties Remotes Events [1539] Backup Report Firmware	2
rLeX		Receiver: FLEX (328)
Flex connected	Filter >> Find remote number or channel number	Getlog
Input	2016-06-03	^
INPUT	2016-06-03 Order //as used. Button: [1].	
Inviolate	2016-06-03 (O Aconding (O Deconding Was used. Button: [1].	
Virtual remote	2016-06-03 Assigned remote was used Unassigned remote was used was used. Button: [1].	
Brama wjazdowa	2016-06-03 <sup>™</sup> Remote vasu used <sup>™</sup> Remote connection <sup>™</sup> Remote removed <sup>™</sup> Remote remove rem	
Brama garażowa	2016-06-03  C Local connection Manual control was used was used. Button: [1]. 2016-06-03  C Local menu was used Wrong local menu PIN was used. Button: [1].	
Alarm Oświetlenie	☑ All remotes removed     ☑ Restored to factory settings       2016-06-03     ☑ Receiver restart       ☑ Input status     Was used. Button: [1].	
	2016-06-03 Battery state was used. Button: [3].	
Change language	2016-06-03 ☑ Good ☑ Low was used. Button: [3].	
	2016-06-03 From 2016-06-03 To 2016-06-03 was used. Button: [2].	
	2016-06-03 was used. Button: [1].	v
, <sup>E</sup>	Crearmores Appy	







# The "Backup"

button is used to backup the receiver with its current settings.

1. Upload backup file button allows to import previously created backup.

LocalFlex - v1.0							×
Nº Local	Properties Remotes Ever	ts Backup	Report	Firmware		0	
FLEA					Receiv	er: FLEX (328)	
Flex connected	Filter 🗸				1. Upload ba	ickup file • New	
Input	Description	Creation date	Size		Contents		
INPUT							
Inviolate	flex 31052016	2016-05-31 12:44:06	26,92 kB	Receiver settings	Channels Manual control Remotes	< Options	
Virtual remote							
Brama wjazdowa	flex 1305	2016-05-13 14:42:09	26,92 kB	Receiv Restore	Download Edit Remove	< Options	
Brama garazowa							
Oświetlenie							
Change language							
dtm							

Fig. 9 View of "Backup" window.

By creating a new backup, you can select its contents by making the appropriate options.

Create backup							
Select backup content	s and enter description						
Description							
Contents	<ul> <li>✓ Receiver settings</li> <li>✓ Manual control</li> </ul>	☑ Channels ☑ Remotes					
		Create backup Close					

Fig. 10 Receiver backup options.





Backup managing options:

Restore

overwrites the existing settings of the receiver with settings from the restored copy.

Download

collects and stores a backup copy to a location on computer.

edit the name of the backup.

Remove removes a backup copy out of the programme.



## The "Report"

Thanks to numerous filters, it is possible to generate reports according to user needs.

LocalFlex - v1.0	Properties	Remotes	Events	Backup	Report	Firmware		-		× ?
FLEX							Receiv	er: FLEX	(328)	
Flex connected Input INPUT	Report se ☑ Rec	ettings eiver settir	gs							
Inviolate	⊠ Ren	notes list								
Virtual remote	Serial number of	or description								
Brama wjazdowa Brama garażowa		Remote type	Standard Standard		Hex	MotionPlus	Standard (DTM433)			
Oświetlenie	⊠ List	of events								
Change language	Recent of Search	events number in description	100		*					
		Event type	Assig Remo Local Wron Recei Virtua	ned remote w te edited or connection g local menu iver restart al remote was menu was u	vas used added PIN s used sed	<ul> <li>✓ Unas</li> <li>✓ Remo</li> <li>✓ Manu</li> <li>✓ All re</li> <li>✓ Input</li> <li>✓ Remo</li> <li>✓ Remo</li> <li>✓ Resto</li> </ul>	signed remote was used te removed al control was used motes removed status te connection pred to factory settings			
		Battery state	Good Good			Low				
		Time range	From	2016-06-03	~	То 2016-	06-03 ~			
	Create report									

Fig. 11 "Report" filters.





## The "Firmware".

Allows to update the receiver firmware. To download the latest version of the firmware, access to the Internet is necessary.

LocalFlex - v1.0		- 🗆 ×
₽ Local	Properties Remotes Events Backup Report Firmware	0
FLEA		Receiver: FLEX (328)
Flex connected	Receiver firmware version	
Input	1.25	
INPUT	Newest available firmware version	
Inviolate		
Virtual remote	Download firmware	
Brama wjazdowa	Automatically update receiver firmware after file download	
Brama garażowa		
Alarm	Update firmware	
Contraction		
Change language		
atm		

Fig. 12 View of the "Firmware" window.