Using FreeJoy software with G-FORCE CP-28 control panel.

1/ NOT CHANGE CONFIGURATION IN PIN CONFIG SECTION! NOT CHANGE FIRMWARE!

2/ Load configuration from your panel to FreeJoy sofware and safe config to file in your computer as init backup file. Archive this file in case of restoring the correct functionality of the control panel.

3/ After loading configuration check PID number in section Advanced Setup. The PID number is last 4 digit of serial number. The serial number is located on the back side of your controler.

4/ For CP-28 series control panel is possible to configure only in the sections Button Config, Encoders and Advance Setting. Settings in other sections are not supported in this device.

5/ If you want to experiment with the controller settings, we recommend changing only the function and timer item in the button config section. Changing the mapping of the physical buttons will result in incorrect functionality of the controls elements (buttons, switches, encoders).

NOTE: The correct function of the control panel is guaranteed only with the factory configuration. How to save the configuration file is described in point 2.

CAUTION: Changing firmware or configuration settings is at the customer's own risk, and the manufacturer does not provide any warranty for incorrect device functionality.

More about using FreeJoy with G-FORCE products you find on website: <u>https://g-force.sk/</u>

G-FORCE official YouTube channel: https://www.youtube.com/channel/UCLRczoJMzHSiavERZhjBXlg/videos

More information about FreeJoy can be found on the website: <u>https://github.com/FreeJoy-Team</u>

FreeJoy

FreeJoy is a customizable gaming device controller based on the low-cost STM32F103C8 microcontroller. It allows you to create your own HOTAS-systems (sticks, throttles, various expansion panels), pedals, car control systems (steering wheels, pedals, gearbox shifters, etc.) and configure the designed device.

e	Pin Config	Button Config	Axes Config	9	Axes Curves	Shift Registers	Encoders	s LED/PWM	Advanced Settings	Debug	
FreeJoy v1.7.0 🗸 🗸											Current Config
1 device connected		Mathematical			~	1 1		CHID	Chip		Axis sources
Wiki	-	Not used		DIZ			H	GND	GND	_	Buttons from axes
	-	Not Used	~	813	Ĩ3₿ – [®]		Hű	GND	GND	_	Buttons from shift regs
Read config from Device	-	Not Used	~	814			μ i i i i i i i i i i i i i	3.3V	3.3V	_	Rows of buttons
	_	Not Used	~	B15	5		L.	RST	RESET	_	Columns of buttons
Write config to Device		Not Used	~	A8	8		• =	B11	Not Used	~	Buttons from matrix
		Not Used	~	A9	Ş • ∎		• 5	B10	Not Used	~	Single buttons
		Not Used	~	A10	a	ESE 1	• =	B1	Not Used	~	Total buttons
		USBD-		A11	A I		• 8	BO	Not Used	~	Tatal I EDa
Load default config		USBD+		A12	A12	A 40	• 4	A7	Not Used	~	Total LEDS
		Not Used	~	A15	A ·	III S So MIL	• 8	A6	Not Used	~	
Set file to default config		Not Used	~	B3	8	Stros	• B	A5	Not Used	~	
		Not Used	~	B4	E • 3		• ₽	A4	Not Used	~	
		Not Used	~	B5	<u> </u>	ALL HIL	• &	A3	Not Used	~	
Load config from file		Not Used	~	B6	8 • /		. ∎ ≳	A2	Not Used	~	
		Not Used	~	B7	5)∎≥	A1	Not Used	~	
Save config to file		Not Used	~	B8	88 • _		• 8	AO	Not Used	~	
		Not Used	~	B9	5 • C.		• G	C15	Not Used	~	
		5V		5V	হ • ·		• 2	C14	Not Used	~	
Reset All		GND		GND	ଦ 🔹 💃	ີ ທີ່ ຊີ ຊີ	• 🕄	C13	Not Used	~	
		3.3V		3.3V	<u>ان ان ا</u>		• 5	VB	VBUS		

Features:

- Up to 8 analog axes (output resolution 12 bits);
- Up to 128 buttons or toggle switches;
- Up to 4 HAT switches;
- Up to 16 incremental encoders (1 high-resolution encoder);
- Ability to assign button presses to certain positions of the analog axis (up to 12 buttons per axis);
- Support for shift registers 74HC165 and CD4021 to increase the number of connected buttons;
- Support for digital Hall sensors TLE5010/TLE5011, TLE5012B, AS5048A, AS5600, MLX90393 (only SPI interface);
- Support for external ADCs ADS1115 and MCP3201/02/04/08;
- 4 channels PWM for backlight control;
- 24 LEDs (single or in the matrix), mapped to the states of the buttons;
- Setting the device name and other USB parameters;
- Convenient utility for configuration;
- Upgrade firmware via USB;
- Save and load device configuration from file.

Axes:

Pin Config	Button Config	Axes Config	Axes Curves	Shift Register	s Encoders	LED/PWM	Advanced Settings		
X									ŕ
Output	Out				D			Calibrate	Set Center
Inverted	Raw				0			Minimum	-32767 🗘
D 11								Center	0
Buttons from	axes 0 -	0					255	Maximum	32767 🔹
A7	 Axis source 	e				Sh	ow extended settings 🗹	Reset ca	alibration
I2C addre	ess	Function	Button 1	0 🗘	Down ~	Step di	v Prescaler %	Resolution	16 🔹 bits
ADS 1115_0)0 ~	None ~	Dutter 2		Dearth	50	€ 100 €	Offset	0 ÷ °
Chanel/Enc	oder	Function axis	Button 2	0 -	Reset		Filter off	🗌 Dynamic dea	dband
0	* *	X ~	Button 3	0 🗘	Up ~			Deadband	0 ≑
v									
✓ Output	Out				P			Calibrate	Set Center
Inverted	Raw				0			Minimum	-32767
Buttons from	axes 0		1 1 1	E I T				Center	0 -
		0					255	Maximum	32767
A15	 Axis source 	5				Sh	ow extended settings 🗹	Reset ca	alibration
I2C addre	ess	Function	Button 1	0 🗘	Down ~	Step di	v Prescaler %	Resolution	16 🗘 bits
ADS 1115_0)0 × 00	None ~	Button 2	0	Pecet ×	50	€ 100 €	Offset	0 ÷ °
Chanel/Enc	oder	Function axis			Reset		Filter off	🗌 Dynamic dea	dband
1	* *	X	Button 3	0 🗧	Up ~		1 1 1 1 1	Deadband	0 ÷
Z									
Output	Out				þ			Calibrate	Set Center
Inverted	Raw				0			Minimum	-32767 🔹
								Center	0 🗘
Buttons from	axes 0 -	0	1 1 1	1 1 1 1			255	Maximum	32767 🗘
I2C	 Axis source 	e				Sh	ow extended settings 🖂	Reset ca	alibration
I2C addre	ess	Function	Button 1	0 ‡	Down ~	Step di	v Prescaler %	Resolution	16 🗘 bits
ADS 1115_0)1 ~	None ~	Button 2		Decet	50	€ 100 €	Offset	0 🔹 °
Chanel/Enc	oder	Function axis	Button 2	0 -	keset 🗸		Filter off	Dynamic dea	dband
1	•	X	Button 3	0 🗘	Up ~		1 1 1 1	Deadband	0 🗘

FreeJoy supports up to 8 axes. Analog inputs (potentiometers, hall sensors) on the A0-A7 terminals, digital sensors (TLE5010/5011, AS5600, MLX90393), or external ADCs (ADS1115 and MCP3201/02/04/08) can be used as sources for the axes. All axes have the following settings:

- Source/destination of the axis (X, Y, Z, Rx, Ry, Rz, Slider1, Slider2);
- Enable/disable axis output;
- Resolution;
- Calibration (manual / automatic);
- Smoothing (off or 7 levels of filter settings);
- Inversion;
- Dynamic or center deadband;
- Axis offset (magnet offset);
- Response curves;
- Axis from buttons/encoders;

- Trimming axis by buttons
- Axis prescaler
- Ability to generate button presses in certain axis positions (up to 12 sections).
- Combined axes functions

Buttons:

ce	Pin Config	Button Config	Axes Config	Axes Curves	Shift	Registers	Encod	ers LED/PWM	Advanced	Settings	Debug				
FreeJoy v1.7.0 ~	Shift 1 Logical button	0	Shift 2	on 0	¢	Shift 3 Logical b	utton	0 🜲	Shift 4 Logical button		o 🔹	Shift 5 Logical I	button		0
	Physical buttons			Lo	gical butt	ons									
Wiki	66		8 8 6		Physic	al Disab	le Invert	Functio	n	Shift	-	Delay time	er	Press time	er
Read config from Device				7	7			Button nor	mal ~	No shift	~	No	~	No	
rices coming iron ocrice	9 10			16 8	8	÷ [Button nor	mal 🗸	No shift	~	No	~	No	
Write config to Device	17 18	19 20	21 22 23	24 9	9	÷ 🗆		Button nor	mal ~	No shift	~	No	~	No	
	25 26	27 28	29 30 31	32 10	10	÷		Button nor	mal 🗸	No shift	~	No	~	No	
				1	ı <u>11</u>	÷ -		Button nor	mal ~	No shift	~	No	~	No	
Load default config				12	2 12	•		Button nor	mal ~	No shift	~	No	~	No	
				1	3 13	÷ -		Button nor	mal ~	No shift	~	No	~	No	
Set file to default config				14	4 14	÷ =		Button nor	mal ~	No shift	~	No	~	No	
				1	5 15	•		Button nor	mal ~	No shift	~	No	~	No	
Load config from file				10	5 16	•		Button nor	mal ~	No shift	~	No	~	No	
				1	7 17	•		Button nor	mal ~	No shift	~	No	~	No	
Save config to file				18	3 18	•		Button nor	mal ~	No shift	~	No	~	No	
				19	9 0	•		Button nor	mal 🖂	No shift		No		No	
Devel 4				20	0	•		Button nor	mal 🗸	No shift	~	No		No	
Reset All							Timer set	tings							
Chanu dahura	Timer	1	Timer 2		Т	imer 3		Debounce tim	er	Axes to but	tons time	er	Enco	der press tir	ner

FreeJoy supports up to 128 buttons connected as single buttons (shorting the signal contact to GND or VCC), as a matrix of buttons, via shift registers or through the axis-to-button function. Buttons can be configured as:

- Normal button;
- Inverted button;
- Toggle switch on/off;
- Toggle switch on;
- Toggle switch off;
- HAT switch;
- Input incremental encoder;
- Radiobutton;
- Sequential button;
- Sequential toggle button
- 5 shift modificators.

The device configuration can be saved and loaded from a file. The configuration can be read and written to the device, you can also clear the configuration and reset it to the default settings. To do this, use the buttons located on the left side of the configurator.

Saving the configuration to file

To save the device configuration to a file, click the "Save Config to File" button. Select the folder to save, specify the file name and click "Save". The saved file has an XML extension and can be opened with any XML editor.

Loading configuration from file

To load a configuration from a file, click the "Load Config from File" button. Select the file to upload and click "Open." The configuration will be loaded into the program.

**Attention! Downloading a configuration file modified by third-party programs can lead to unpredictable device behavior! **

**Attention! Configuration files are not backward compatible! Do not use configuration files created in an earlier version! **

Read and write configuration to device

To read the configuration from the device, use the "Read Config from Device" button, and to write - "Write Config to Device".

Clearing the configuration and resetting the default settings is done with the buttons "Reset All Pins" and "Set Default Config", respectively.

Basic definitions:

- Physical button a physically existing pair of contacts connected in some way to the controller (a single button, a button from the button matrix, a button connected to the shift register, or a toggle switch connected using one of these methods). The list of Physical buttons and their status (red - released, green - pushed) can be seen in the Physical Buttons field of the Button Config tab.
- Logical button information transmitted to the computer about pressing a button. A list
 of logical buttons, physical buttons assigned to them, button functions, and the shift
 modificators assigned to them is displayed in the Logical Buttons field of the Button
 Config tab.

Assignment of logical buttons (Button Config tab).

1. A 1		chift 3			-			ch:e				chift c			
ogical button	0 🔹	Logical butt	on O	\$	Lo	gical but	ton	0 🗘 Logic	al button)	Logical	button		0
hysical buttons			Log	gical	buttons	,									
A A			N	9 P	hysical	Disable	Invert	Function		Shift		Delay time	er	Press time	er
			1		1			Button normal	~	No shift	~	No	~	No	~
			2		2			Toggle switch ON/C	OFF ~	No shift	~	No	~	No	~
			3		3 🔹			Sequential buttor	n v	No shift	~	No	~	No	~
			4		4 🗘			Sequential buttor	n v	No shift	~	No	~	No	2
			5		0 ‡			Button normal	~	No shift	~	No	×	No	
			6		0 🗘			Button normal	~	No shift	~	No	\sim	No	
			7		0 🗘			Button normal	\sim	No shift	~	No	~	No	
			8		0			Button normal	~	No shift	~	No	~	No	
			9	1	0 🗘			Button normal		No shift		No	×	No	
			10		0 1			Button normal		No shift		No	~	No	

1. On the Button Config tab, in the Logical buttons field in the line with the number of the logical button, you must specify the corresponding number of the physical button. (You can find out the number of a specific physical button by pushing it. In the Physical Buttons field, the circle with the number of pressed physical button is highlighted in green)

After assigning a logical button and writing the configuration to the controller, you can check its operation. When you press the physical button the line with the description of the logical button will be highlighted in green in accordance with the logic of the button function. one physical button may be binded to any number of logical buttons.

Debounce time can be set for all buttons (simultaneously) in "Button debounce time" field. In this case, pressing the button shorter than the time specified in this field is not taken into account. Increasing this parameter allows you to avoid repeated operation of the buttons with a single press, if the buttons are of poor quality.

- 2. Button function:
- Button_normal a normal button;
- Button_Toggle toggle button, pressing of physical button inverts the state of the logical button (If the logical button was not pressed, then pressing the physical button will make it pressed until the physical button is pressed again).

Functions for toggle switches:

- ToggleSwich_OnOff closing and opening contacts of the toggle switch connected to the physical button generates pressing of the logical button (the time while the logical button remains pressed is set by Press Timer field);
- ToggleSwich_On closing contacts of the toggle switch connected to the physical button generates pressing of the logical button (the time while the logical button remains pressed is set by Press Timer field);

• ToggleSwich_Off - opening contacts of the toggle switch connected to the physical button generates pressing of the logical button (the time while the logical button remains pressed is set by Press Timer field);

Functions for HAT switches (multi-position buttons/hats):

• PovX_Down, PovX_Up, PovX_Left, PovX_Right, PovX_Center (where X is the number of the hat) - pressing the direction down/up/left/right of the corresponding hat. PovX_Center is only used for Alps RKJX hats and provides neccesary logic for its operation.

Radio Button Function:

- RadioButtonX (Where X is the number of the group of radio buttons) all buttons belonging to one group of radio buttons will work as follows: When you press any of the physical buttons of the group all logical buttons of the group are released and only the logical button associated with the pressed physical button remains pressed. The logical button remains pressed until another physical button from this group is pressed. When the controller is turned on, the first radio button in the list will be turned on. Radio buttons can be used as shift modificators.
- Sequental_Button sequential switching mode assigning one physical button to several logical ones with the enumeration function, when the physical button is pressed, the current pressed logical button will be released and the next logical button from the list will be pressed.
- Sequental_Toggle sequential switching toggle mode assigning one physical button to several logical ones with the enumeration function, when the physical button is pressed, the current pressed logical button will be released and the next logical button from the list will be latched.

Eco Encoder Features:

• Encoder_A, Encoder_B - see Connecting encoders

Additional settings

There are some additional settings for buttons such as:

- Invert logical state invesion;
- Disable disabling system output for this button;
- Shift setting activation modificator (shift);
- Delay timer delay before logical button will be pressed after physical button press;
- Press timer time while logical button will be latched

Using shift modificators:

Any logical button can be used as shift modificator. In this case, the logical button to which the shift modificator is assigned will work if two conditions are met: the logical button that is assigned by the shift modificator in the pressed state, and the logical button to which the shift modificator is assigned in the pressed state. If physical button has both logical buttons with shift modificator and without them, then the logical button which has no modificator will work only if shift modificators are not pressed.

Checking the operation of buttons

Finally, the operation of the buttons can be checked: (for Windows 10) "Start", "Settings", "Devices", "Devices and Printers" with the right button on the device, "Settings for game control devices", select the device, "Properties".

Pin Config Butt	on Config Axes Config	Axes Curves Shift Register	rs Encoders	LED/PWM Advanced Settings		
X						
✓ Output	Out		D		Calibrate	Set Center
	Daw		0		Minimum	-32767
	KdW				Center	
Buttons from axes			1 1 1 1 1		Maximum	32767
A7 ~	Axis source			Show extended settings 🗹	Reset ca	alibration
I2C address	Function	Rutton 1	Down	Step div Prescaler %	Resolution	16 🗘 bits
ADS 1115_00 ~	None		Down	50 + 100 +	Offset	0 🗘 °
Chanel/Encoder	Function axis	Button 2 0 븆	Reset ~	Filter off	Dynamic dea	dband
0 ÷	X	Button 3 0 🗘	Up ~	•	Deadband	0 ‡
Y						
Output	Out		D		Calibrate	Set Center
	Raw		0		Minimum	-32767 🗘
D. 11					Center	0
Buttons from axes			1 1 1 1 1	255	Maximum	32767
A15 ~	Axis source			Show extended settings 🖂	Reset ca	alibration
I2C address	Function	Button 1 0 🜩	Down ~	Step div Prescaler %	Resolution	16 🗘 bits
ADS 1115_00 ~	None		Domi	50 + 100 +	Offset	0 🗘 °
Chanel/Encoder	Function axis	Button 2 0 👻	Reset ~	Filter off	Dynamic dea	dband
1 ÷	Х	Button 3 0 🗘	Up ~	•	Deadband	0 ‡
_	5					
2						
Output	Out		þ		Calibrate	Set Center
	Raw		0		Minimum	-32767 🔹
D. Hanne Germania					Center	0
Buttons from axes	0		1 1 1 1 1	255	Maximum	32767
I2C ~	Axis source			Show extended settings \checkmark	Reset ca	alibration
I2C address	Function	Button 1 0 🔹	Down ~	Step div Prescaler %	Resolution	16 🗘 bits
ADS 1115_01 ~	None	Button 2 0	Pecet v	50 🗘 100 🗘	Offset	0 🗘 °
		Dullon Z U V	NCSEL V			
Chanel/Encoder	Function axis			Filter off	Dynamic dea	dband

Assignment of logical axes:

Like physical and logical buttons we must assign physical axes to the necessary logical axes.

The name of the analog axis output is indicated in the upper left corner of the field of this axis. There can be 8 axes in total: X, Y, Z, Rx, Ry, Rz, Slider1, Slider2.

You can assign any physical axis to any logical axis in the "Axis source 1" field. Wherein:

- for analog physical axes (potentiometer or Hall sensors) the designation will be the signal contact (middle contact of the potentiometer or the signal output of the Hall sensor, in the example an analog sensor is assigned to the X axis, the signal contact of which is connected to A7)
- for digital SPI sensors (TLE5010/5011, MLX90393, external ADCs MCP32XX) chip select contact (in the example, the MLX90393 sensor whose SC pin is connected to A15 is assigned to the Y axis)
- for digital I2C sensors (AS5600, external ADCs ADS1115) the name of the I2C interface is indicated, and field "I2C address" indicates the type of sensor and address (for ADS1115) specified by connecting the ADDR pin (in the example, the external ADC [ADS1115] is assigned to the Z axis (Connecting-analog-axes-to-ADS1115.md) with address 01)

In addition for multi-channel sensors (MLX90393) and ADC (ADC ADS1115 and MCP32XX) in the "Channel/Encoder" field, specify the channel number (channels are numbered from 0) from which we want to receive data. (in the example on the Y-axis, we take readings from the second channel of the sensor MLX90393, and on the Z-axis from the first channel of the external ADC ADS1115 with address 01). In case of encoder source you should specify encoder number from "Encoders" tab.

For unused axes in the project, uncheck Output enabled.

The red scale "Out" shows what values of the logical axis are issued to the operating system, the green scale "Raw" shows what values of the physical axis the controller receives from the sensor.

Axis calibration.

After assigning the axes, the axes must be calibrated (to make the full stroke of the physical axis correspond to the full stroke of the logical axis).

Calibrate an axis without a center.

- 1. Press the Start calibration button.
- 2. Move the axis from one extreme position to another.
- 3. Press the Stop calibration button.
- 4. Uncheck the "Center" checkbox.
- 5. Record calibration results to the controller.

Calibrate an axis with a center.

- 1. Press the Start calibration button.
- 2. Move the axis from one extreme position to another and leave it in the central position.
- 3. Press the Stop calibration button.
- 4. Record calibration results to the controller.

Calibration of the TLE5011 Digital Sensor with Range Offset.

If you installed a digital sensor and when moving it from one extreme position to another, the physical value of the axes pass through zero (i.e., they grow to the maximum value, reset to zero and continue to grow from zero), it is necessary to shift the range of sensor readings:

- 1. In the field of the logical axis put a daw "Offset".
- 2. Set "Offset" to 180.
- 3. Write settings from the controller.
- 4. Check by moving the axis that now the axis does not pass through zero.
- 5. If necessary, if the axis still passes through zero: correct the values of the "Offset" field, repeat steps 2-5.
- 6. Calibrate an axis as described above for axes with or without a center.

Additional axis settings:

The following settings are available in the field of each logical axis:

- Inverted inverts the logical axis (the axis will be adjusted in the opposite direction);
- Resolution resolution of the axis in bits. Moreover, the number of samples per axis movement range will be 2 to the extent indicated in the Resolution field. For analog axes, as a rule, values of no more than 12 make sense. For digital sensors, you can increase the resolution to 16 (65536 samples);
- Dinamic Deadband setting for the axis of the dynamic deadband. The dynamic deadband value
 is indicated in the Deadband field below. In this case, changes in the value of the axis n will not
 be taken into account by a value not exceeding the value of the Deadband field. To eliminate axis
 jitter, it makes sense to gradually increase the values of the dynamic meter zone (not forgetting
 to write the configuration to the controller each time the value is changed) until the values of the
 logical axis cease to change spontaneously in the absence of movement of the physical axis.
 When the "Dynamic deadband" box is unchecked, the specified deadband size is applied to the
 central deadband;
- Filter a slider that allows you to specify an axis filter. It can be: Off, Level1 ... Level 7. Moreover the higher the filter value the greater the lag of the change in the values of the logical axis behind the physical axis, so for critical axes it is not recommended to set the filter to a value higher than Level 3;
- Prescaler you can set this value from 1% to 255% to scale your axis output;
- On the Axis Curves tab, you can specify a pattern of change in the values of each logical axis from a physical one other than linear. You can use the predefined curves (linear dependence (default), exponential, inverse exponential, arbitrary curves) or edit any of these curves by moving the slider corresponding to each point up / down.

Combined axes functions:

In the Function field, you can specify the method of adding / subtracting two axes.

In this case, the first source is the physical axis (indicated in the Axis source 1 field (hereinafter in the AS1 formulas), the second is the logical axis (indicated in the Axis source 2 field (hereinafter in the AS2 formulas). The following functions are available:

- Plus_Absolute = (AS1 + AS2) / 2
- Plus_Relative = (AS1 + AS2) +32767
- Minus_Absolute = (AS1-AS2) / 2
- Minus_Relative = (AS1-AS2) -32767
- Equal AS1 = AS2

Buttons for axis functions

It is possible to set up to 3 buttons for each axis for these functions:

- Down decrement axis value by value 32768/Step_Divider
- Up increment axis value by value 32768/Step_Divider
- Reset reset axis value modificatioin
- Center set current raw axis value as output 0 value
- Function_Enable enable combined axes function for this axis
- Prescaler_Enable enable prescaler for this axis

Additional settings are located on the Advanced settings tab:

JSB settings		Firmware flash	er		
Device USB name	VID			Enter Flasher	Mode
FreeJoy v1.7.0	0x 0483				
			1	Flash Firmwa	are
USB exchange period	PID				
5 ms 🚖	0x 5757			0%	
	Annlica	ation settings			
Styles	Applica	ation settings			Other settings
Styles	Applica La	ation settings			Other settings
Styles Default	Applica La Restart ap	ation settings anguages p for full changes		Font size 8 🕏	Other settings
Styles Default White	Applica La Restart ap	ation settings anguages p for full changes English		Font size 8 🕏	Other settings

HID Settings:

- VID The VID ID of the USB device;
- PID The PID ID of the USB device. If your system uses more than one FreeJoy device, it is recommended to assign different PIDs for them;
- USB exchange period the time between the serial sending of two data packets from the controller to the PC via USB.

Firmware Flasher

For more information about downloading firmware via the configurator see link below:

• [Firmware Loader] (Firmware-flasher.md)

Styles

It is possible to set one of several color styles for the configurator program:

- Default (Gray)
- White
- Dark

Languages

The configurator program supports switching interface languages. The following languages are currently supported:

- Russian
- English

Other settings

In this section you can change the font size of the application, as well as set the check mark for loading the default config at startup