

GB Manual Gewa Control Tool

Introduction

Gewa Control Tool is a tool used to make backup and edit IR channels on programmable IR transmitters.

Compatible products

The following IR transmitters are compatible with Gewa Control Tool:

425700 Control Prog

425718 Control 18

425710 Control 10

4256 Gewa Prog III

(backup-file from GP-III ver. 2.x and 3.x can be converted to Control Prog, GP-III Mod)

422900 IR-17SP

(backup-file fom IR-17SP ver. 2.x, and 3.x can be converted to Control 18)

422400 IR-9SP

(backup-file from IR-9SP ver. 2.x and 3.x can be converted to Control 10)

4069 IR-5SP

425613 GP-III Module

6610 Access Medi Scan

6600 Access Maxi

425615 Control Star USB

425638 Control Micro USB

425315 Progress Star USB

425346 Progress Micro USB

Installing Gewa Control Prog

To avoid problems when starting up software and hardware, it is important to follow the installation guide. Note! Start by installing the software before connecting any IR transmitter. Gewa Control Tool is compatible with Win98 second edition, Win 2000 and Win XP.

Install software and hardware by the following procedure:

1. Insert the CD Gewa Control Tool in the CD unit on the computer. Wait until an installation guide is shown on the screen. It might take a few seconds. If the installation guide is not shown: Go to *Start*-menu, Select *Drive* and write **D:\setup** (exchange D if the CD unit has another designation). Click on **OK**. Follow the installation guide.
2. Connect an IR-transmitter to the USB-port on the computer or the Serial port (see "Connecting IR transmitter to the computer"). If the IR-transmitter is connected to the USB port an installation of drivers will start. Begin by installing the Driver for the USB Serial Converter and then the driver for the USB Serial Port. Select automatic installation. When installing in Win98 it must be specified that you must pick up drivers from the CD, path **D:\Drivers\w98_w2k_wxp**. If drivers are already installed this section will be neglected.
3. Remove the CD from the CD-unit.

Connecting an IR transmitter to a computer

To be able to connect an IR transmitter to the computer a cable is required. Different transmitters require different cables and differs also if it is a serial port or a USB-port. The table below shows the cables that can be used:

Type of IR transmitter	Cable for serial port	Cable for USB-port
425700 Control Prog	425618 Data cable 8-pole Mini DIN/D-Sub 9	425620 Adapter USB/Serial
4256 Gewa Prog III	- " -	- " -
425613 GP-III Module	- " -	- " -
6610 Access Medi	- " -	- " -
6600 Access Maxi	- " -	- " -
425718 Control 18	425618 Data cable 8 pole Mini DIN/D-Sub 9 425636 Adapter 8-pole Mini DIN/7-Pole Slits	425620 Adapter USB/serial 425636 Adapter 8 pole Mini DIN/7-Pole Slits
425710 Control 10	- " -	- " -
422900 IR-17SP	406918 Data cable 3-Pole JST D-Sub 9	Cannot be connected
422400 IR-9SP	- " -	Cannot be connected
4069 IR-5SP	- " -	Cannot be connected
425346 Progress Micro USB	Cannot be connected	Conncted directly to the USB port
425615 Control Star USB	- " -	- " -
425638 Control Micro USB	- " -	- " -
425315 Progress Star USB	- " -	- " -

425618 Data cable
8 pole Mini DIN/D-Sub



406918 Data cable
3 Pole JST D-Sub 9



425620 Adapter USB/Serial



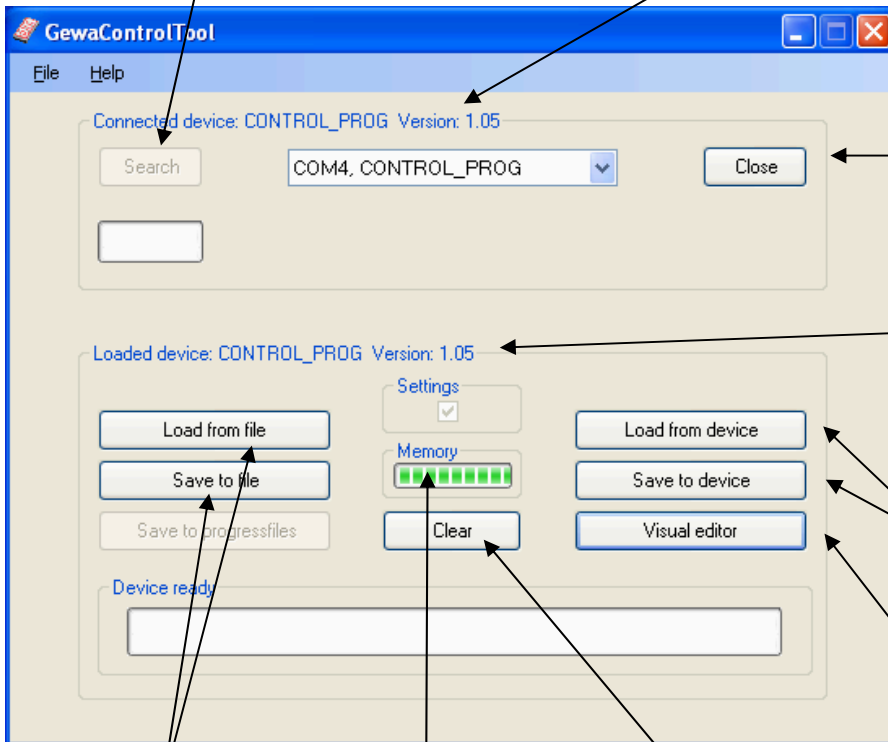
425636 Adapter 8-pole
Mini DIN/7 pole Slits



Description

Searches for the connected IR transmitter

Shows which IR transmitter and version that is connected to the computer



Open/Close connected IR transmitter

Shows which IR transmitter and version that have been loaded to the working memory on the computer

Load from/Save to connected IR transmitter

Edit functions
See "Edit IR transmitter"

Load from file
Save to file

Clear the working memory on the computer

Shows available information in the working memory on the computer

Editing IR transmitter

If you click on the button "Visual editor" you enter a new window where you can see:

- copy IR code from one key to another key irrespective of level
- copy IR code from the backup file to another key on another IR transmitter
- name every key
- add keyboard commands

Copying IR code from one key to another key

1. Click on the button "Visual Editor".

2. Select key and level that are to be copied. The window might look different depending on which IR transmitter has been loaded in the



3. Click on "Edit" and then click on "Copy".

4. Select key and level to which the copied part shall be pasted.

5. Click on "Edit" and then on "Paste".

Copying IR code from a backup file to another IR transmitter



1. Click on the button "Visual Editor".

2. Click on "File" and "Open backup file".

Note! The window might look different depending on which IR transmitter has been loaded in the working memory on the computer.

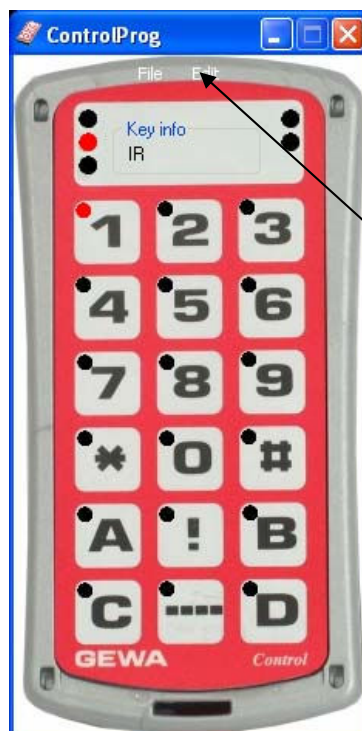
3. Select file from which IR codes shall be copied. Click on "OK". A new IR transmitter will now be shown on the screen.

4. Select key and level that are to be copied.



5. Click on "Edit" and then click on "Copy".

6. Return to the original IR transmitter



7. Select key and level to which the IR code shall be pasted.

8. Click on "Edit" and then click on "Paste".

Saving key information

On each key it is possible to add information saved in a file. It can be type of function, code number or other information. Note! The information can only be saved in the computer and cannot be saved on an IR transmitter.

1. Click on the button "Visual Editor".

2. Select level and key to which the key information shall be added. The window might look different depending on which IR transmitter has been loaded in the working memory on the computer.

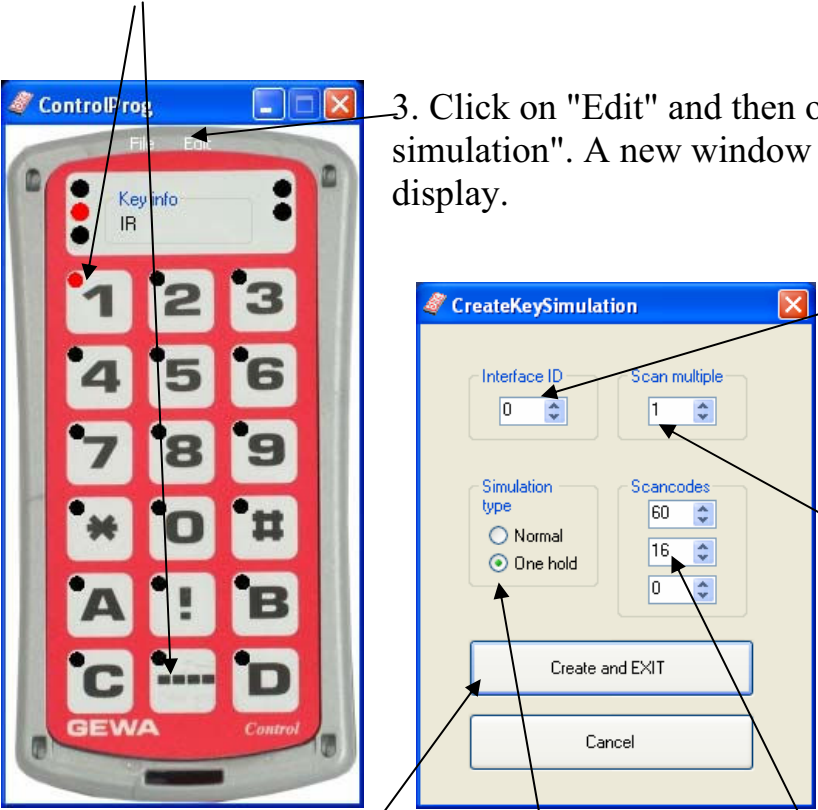


3. Click on "Edit" and then click on "Rename".
Write the adequate information.

Adding keyboard commands

The IR transmitter Control Prog has the possibility to simulate keyboard commands. By Gewa Control Tool it is possible to add keyboard commands on any key. All keyboard commands available on a computer keyboard can be simulated. To be able to send keyboard commands by the IR transmitter, 6632 Access USB interface must be connected to a computer. See Access USB interface manual how to connect.

1. Click on the button "Visual Editor".
2. Select level key to which the keyboard command is to be added.



The image shows two windows from the ControlProg software. On the left is the 'ControlProg' window, which displays a virtual keyboard layout. A red dot is placed on the 'Alt' key, and an arrow points from step 2 to it. On the right is the 'CreateKeySimulation' dialog box. It contains several settings: 'Interface ID' is set to 0, 'Scan multiple' is set to 1, 'Simulation type' has 'One hold' selected, and 'Scancodes' is set to 16. Arrows from steps 3, 4, 5, 6, and 7 point to these respective settings. At the bottom of the dialog are 'Create and EXIT' and 'Cancel' buttons. An arrow from step 8 points to the 'Create and EXIT' button.

3. Click on "Edit" and then on "Add Keyboard simulation". A new window is now shown on the display.
4. Set "Interface ID". It must be the same ID as the one set on Access USB interface. 0 = default setting
5. Set "Scan multiple". 1 means that a character is repeated with the same speed as the scanning speed in Control Prog. If 2 is set the repetition is made at half the speed. 1 = default setting.
6. Set "Scancodes". See table for each function. On the picture Alt+Tab is set.
7. Set the "Simulation type". If you want to keep a key pressed while pressing next key "One hold" shall be marked like in the command Alt+Tab.
8. Complete by pressing "Create and Exit".

Key	Scancodes [dec]	Key	Scancodes [dec]	Key	Scancodes [dec]	Key	Scancodes [dec]
<i>NotUsed</i>	0	S	32	R Ctrl	64	8 num	96
~ `	1	D	33	<i>NotUsed</i>	65	5 num	97
! 1	2	F	34	<i>NotUsed</i>	66	2 num	98
2 @	3	G	35	<i>Japanese</i>	67	0 num	99
3 #	4	H	36	<i>Japanese</i>	68	* num	100
4 \$	5	J	37	<i>Japanese</i>	69	9 num	101
5 %	6	K	38	<i>L Win</i>	70	6 num	102
6 ^	7	L	39	<i>R Win</i>	71	3 num	103
7 &	8	; :	40	<i>Win Appl</i>	72	. num	104
8 *	9	' "	41	<i>NotUsed</i>	73	- num	105
9 (10	<i>NotUsed</i>	42	<i>NotUsed</i>	74	+ num	106
0)	11	Enter	43	Insert	75	<i>NotUsed</i>	107
-	12	L shift	44	Delete	76	Entr num	108
+ =	13	<i>NotUsed</i>	45	<i>NotUsed</i>	77	<i>NotUsed</i>	109
<i>Japanese</i>	14	Z	46	<i>NotUsed</i>	78	Esc	110
BS	15	X	47	←	79	<i>NotUsed</i>	111
Tab	16	C	48	Home	80	F1	112
Q	17	V	49	End	81	F2	113
W	18	B	50	<i>NotUsed</i>	82	F3	114
E	19	N	51	↑	83	F4	115
R	20	M	52	↓	84	F5	116
T	21	, <	53	Pg Up	85	F6	117
Y	22	> .	54	Pg Dn	86	F7	118
U	23	/ ?	55	<i>NotUsed</i>	87	F8	119
I	24	<i>Japanese</i>	56	<i>NotUsed</i>	88	F9	120
O	25	R shift	57	⇒	89	F10	121
P	26	L Ctrl	58	num lk	90	F11	122
[{	27	<i>NotUsed</i>	59	7 num	91	F12	123
] }	28	L Alt	60	4 num	92	PrtScr	124
\	29	Space	61	1 num	93	ScrLk	125
Caps	30	R Alt	62	<i>NotUsed</i>	94	Pause	126
A	31	<i>NotUsed</i>	63	/ num	95	<i>NotUsed</i>	127



Gewa AB

Box 92, SE-191 22 SOLLENTUNA, SWEDEN

TEL: +46 (0)8-594 694 00 • TEXTTEL: +46 (0)8-594 694 18 • FAX: +46 (0)8-594 694 19

E-MAIL: info@gewa.se • WEB: www.gewa.se