

Annex user's manual G4 Executive

Function micro (speed reduction movements).

Starting from firmware version 5.23 * in production from April 2013, the Executive PCU G4 have functions of Micro speed. In this mode, a reduction percentage is applying to all movements respect to the normal speed mode.

* When G4 UC is powered-on (switch on REMOTE) the UC display, visibile from the transparent windows on the cover, shows a sequence of numbers indicating the firmware version.

Example of sequences of information displayed during the radio power-on:

88 u5 23

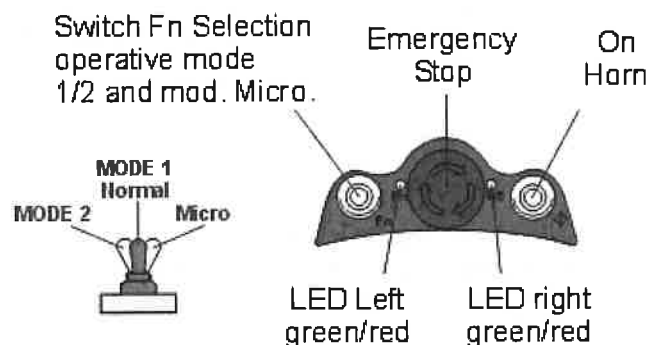
The two messages "u5" and "23" indicating the firmware version installed on the Centr unit "v5.23".

How to activate Micro mode

The activation of Micro mode is added on the switch Fn.

Fn switches is a spring return switch and rest position on the center.

- Function mode number two remains enabled on the radio system, it can be selected maintaining the switch on direction left (see user's and service emanuals).



- Moving the switch Fn to the right direction one time the mode Micro is selected, moving once again the switch to the right direction normal mode is reactivated. The Micro's mode speeds are pre set to 60% of the normal mode.
- For safety reason, the from Micro's mode is possible return to normal only if all the levers are in neutral positions
- The micro's mode active is indicating by a Fn green LED flashing. At the Pcu power-on the actives mode (normal, micro) will be the last one selected before system power off (PCU emergency button pushed).
- Entering in programming mode and select the steep number three, it is possible activate and deactivate the micro's function. Follow the programmation step chart with all the possible programmation steps.


CALIBRATION mode

This is the mode to use for adjusting the speed of the operations, the inversion of the functions and the type of ON/OFF outputs (*latched or non latched*).

- Rotate the emergency stop button clockwise to release it.
- Switch the transmitter on as usual and, immediately after, quickly turn (almost 2/3 time per second) the "Fn" switch to the right repeatedly for 10 times until you hear a short BEEP. Both LED lights will remain off.
- The transmitter is now on "CALIBRATION" mode
- The receiver indicating on the internal display (2x7 segment) $P0$ 00 and the receiver emit a beep's signal every four seconds.

PROGRAMMING STEPS (summary table)

Step	n° beeps	left LED	right LED	Description
1	1	green	x	Set time for PCU automatic switch off
2	2	green	green	Chose transmission radio channel
3	3	x	x	Micro
4-A	4	x	x	Adjust minimum speed for functions 1 to 4
4-B	4	x	red	Adjust minimum speed for functions 5 and 6
5-A	5	x	x	Adjust maximum speed for functions from 1 to 4
5-B	5	x	red	Adjust maximum speed for functions 5 and 6
6	6	x	x	Choose type of function on/off outputs from OUT1 to OUT4
7	7	x	x	Choose type of function on/off outputs OUT5 and OUT6
8-A	8	x	x	Invert direction for functions from 1 to 4
8-B	8	x	red	Invert direction for functions 5 and 6

Push the button  three times to reach the programming steps micro's activation/deactivation, the receiver emit three beeps indicating the programming steps. The left Green LED is ON or OFF depending the actual micro's configuration on the radio. Micro function active, green LED On; Micro function not active, Green LED Off. Moving the switch "Fn" on the right direction to activate the micro function (if already active, remain in this status), moving the switch on left direction deactivate the micro functions.

For more informations of programming step indicate on the chart please refer to service manuals.

- Changing settings of micro speed mode are permitted only with the WinSci software.