**Command system for the controller ESP32 for LED Panels:**

Format: [command] [mode][type](parameter\_1)[ parameter\_2];

Commands: one letter: l or L, p or P, r or R, g or G;

L - fill strip from file or color:

mode: n( or none) - normal fill, y - fill with mirroring relatively vertical, x - fill with mirroring relatively horizontal

parameter\_1: time (ms) to hold file or color

parameter\_2: if type = f: file, if type = c: color, if type = z: sample of files

R - shift of screen or strip:

mode: l - left, r - right, t - top, b – bottom

parameter\_1: time (ms) to shift file or color

parameter\_2: if type = f: file, if type = c: color, if type = z: sample of files

P – manifestation of file or of color:

mode: none

parameter\_1: time (ms) to manifest file or color

parameter\_2: if type = f: file, if type = c: color, if type = z: sample of files

G – go to:

mode: none

parameter\_1: number of repetitions to go

parameter\_2: if type = r: go back the number of commands, if type = none: jump to the command with the specified number

Each command ends with symbol ';' and is written without spaces and line breaks.

Examples:

lc(2000)255,255,255; - fill strip to white color and show 2 sec.

lyf(1000)filename; - fill strip from file with mirroring relatively vertical and show 1 sec.

pf(300)filename; - manifest an image from a file within 300 msec.

pz(30)filename.l1p; - manifest an image from a files filename0.l1p, filename1.l1p … filenameN.l1p within 30 msec. Where filenameN.l1p is the last read file

Filename must be with extension:

.lip - an uncompressed image file

.b1p - a compressed file with an image in which the number of colors is less than or equal to 16.