INSTRUCTION MANUAL
POLAR LED light

LED scrolling sign
Full RGB color 40"x8"
With WiFi   P10

(software is compatible with WINDOWS XP,7,10
and ANDROID mobile phones)

INSTRUCTION MANUAL:
For computer wifi :   page 1
For computer USB: page 11
For mobile phone :   page 12

email address for support:
lightsourcing@outlook.com

WiFi password: 12345678

VIDEO TUTORIAL for software you can find on YOUTUBE
search for " POLAR led light 40x11" video tutorial HC14"

SHORT INSTRUCTIONS

- Connect LED sign to computer or mobile phone WiFi.
- Start software for LED sign - HCLED
- Make your text in software
- Send text to LED sign (button " WIFI_SEND"- blue button)
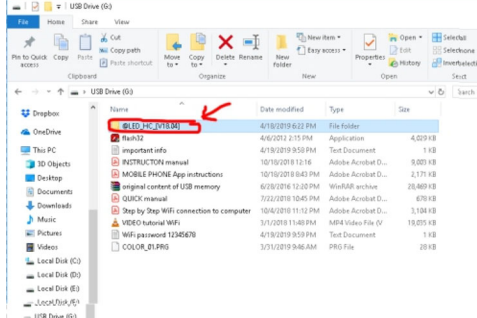- Disconnect LED sign from Laptop or mobile phone WiFi

STEP by STEP WiFi connection to computer

VIDEO TUTORIAL for software you can find on YOUTUBE
**search for " POLAR led light 40x11" video tutorial Hc14"**

1. Connect LED sign to power outlet and turn on (switch ON/OFF at the right side)
2. InseertUSB flash memory to computer
   You can run the software from USB flash memory or copy all contents from USB to your computer
   and start the software without USB flash memory (for WIFI mode).

3. Insert USB flash memory into your PC or laptop (Windows base computer). USB flash memory
   is attached to power cord cable.
4. RUN software from USB flash memory :/**HCLED_19.028/HCLED.exe**

doble click to open "**HCLED 19.028**" directory   doble click on "**HCLED**" to RUN software
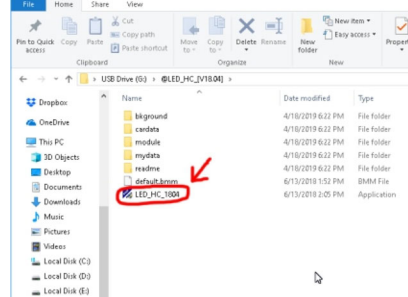
4. **Connect your LED sign to PC or Laptop** by selecting WiFi icon at the bottom left corner
   of your screen (arrow 1 on PHOTO 1).   Select your LED sign with name **HC-LED[XXXXXX]**
   XXXXXX- will be set of numbers   arrow 2 in PHOTO 1. If password is required input **12345678**.
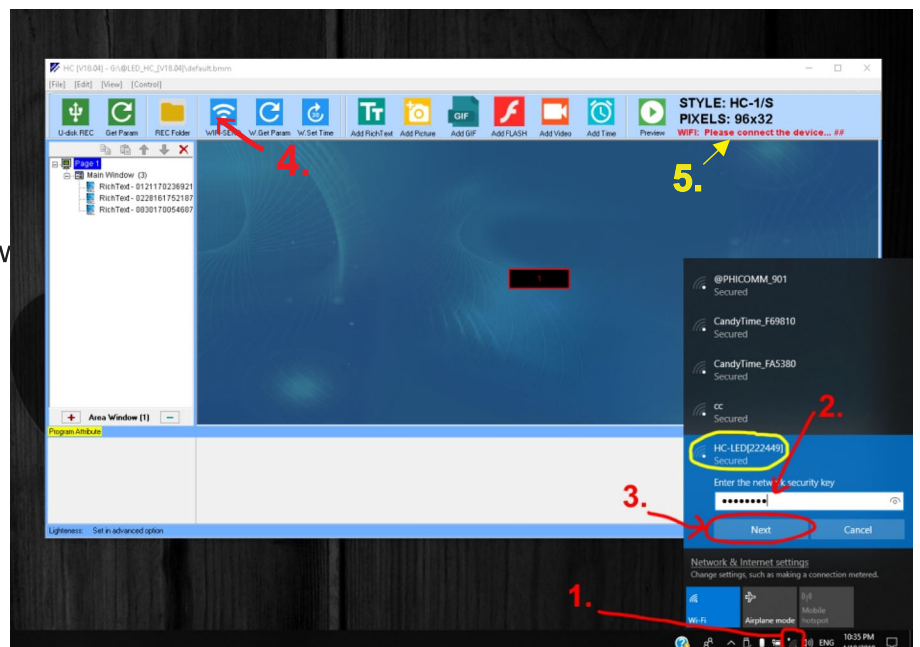   press button   NEXT (arrow 3 in PHOTO 1).
When your LED sign is successfully connected this text will change from RED to GREEN color and will
write name of LED sign: HC-LED[XXXXXX] . (arrow 5 on photo 1).
If you can't connect to LED sign WiFi please move closer to LED sign.

PHOTO 1

**LED SIGN
IS CONNECTED**

After connecting computer to LED
sign WIFI icon, there will be little yellow
warning sign on computer WIFI icon,
it means that computer is connected
to LED sign but you will not have
internet because LED sign doesn't
provide internet.
After completing use software to
program LED sign, please disconnect
wifi from led sign and connect to
your regular WIFI network.

5. Make your own text on LED sign with this software (explained in instruction manual page 2 to page 9)
   and press button "**WIFI-SEND**" (arrow 4 on photo 1) to send your text to led sign
   in window Perform REC processing , are you sure ? answer YES.
   wait till program finish uploading to LED sign " Upload file successfully" then close REC FOLDER
   window .If you have message " Time-out error" when you send text to LED sign, move closer to
   LED sign. Because distance depend on computer wifi strength and obsticals .
6. After completing program of your LED sign, disconnect LED sign from your computer WIFI
:   Photo 1 arrow 1 and select led sign **HC-LED[XXXXXX]** then press button DISCONNECT
   and connect WIFI to your home or work WIFI to get internet connection

AFTER FINISH INPUTTING YOUR text SAVE YOUR PROJECT with "SAVE " from FILE menu

If you are using USB flash memory programming method:
RECORDING YOUR PROJECT TO USB MEMORY
- When you finish you can press "**U-disk REC**" to record your project to USB memory and wait for the program finish recording (around 5 to 30 seconds) PHOTO 4. After successful recording you will have message like on PHOTO 5. **USB flash memory must be in computer USB port.**
- Disconnect USB flash memory from computer.
- Insert USB flash memory into your LED sign and wait for blinking "**LOAD**" stops and displays "**OK**".
- Disconnect USB flash memory from LED sign.
- YOUR LED sign should now display your text.
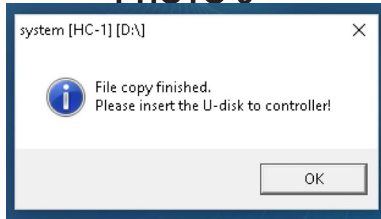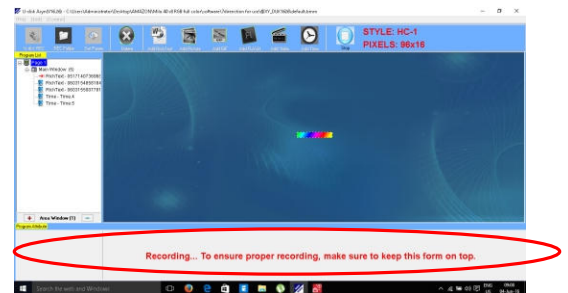
PHOTO 4

PHOTO 5

If it takes too long time on recording to USB flash memory then change text to smaller size and change the type of text to ARIAL. Make one line of text maximum 100 characters.

If you are using WiFi connection programming method:
TRANSFER your project to LED sign with WiFi:
- Connect LED sign to computer WiFi (explained step by step on first page)
- Press button "**WIFI-SEND**" to send your project to LED sign.
  You will see window with question "Perform REC processing " answer with YES. PHOTO 6.
- Wait to finish transfer to LED sign . PHOTO 7.
- When transfer is finished you will have window with text :Upload file successfully . PHOTO 8..
- YOUR LED sign should now display your text.
- Disconnect computer WiFi from LED sign
- **If you have message " Time-out error" when you send text to LED sign, move closer to LED sign. Because distance depend on computer wifi strength and obsticals .**
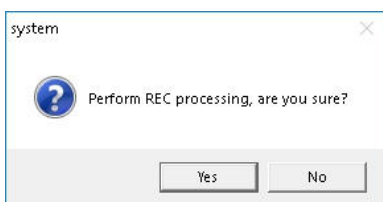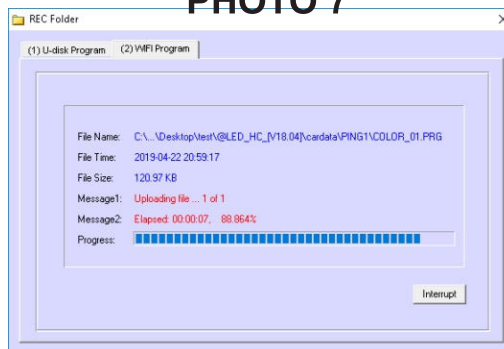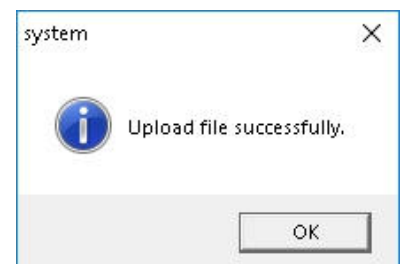
PHOTO 6   **PHOTO 7**   **PHOTO 8**

If computer don't send your project to LED sign please computer WIFI.
Close software and run it again .

If you get message same like in this photo : "please connect to remote WiFi device first! "press "**UPLOAD** " again or **"WIFI-SEND"** to repeat sending process. If this error repeats please move closer to computer WiFi or check if LED sign is connected to computer WiFi.
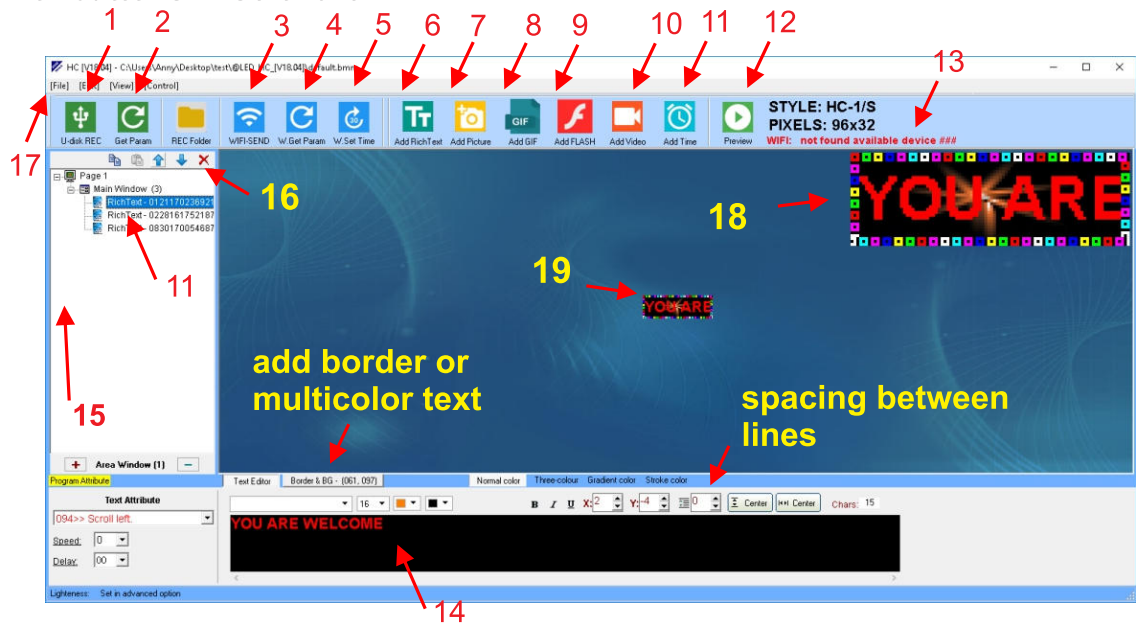
-1a-
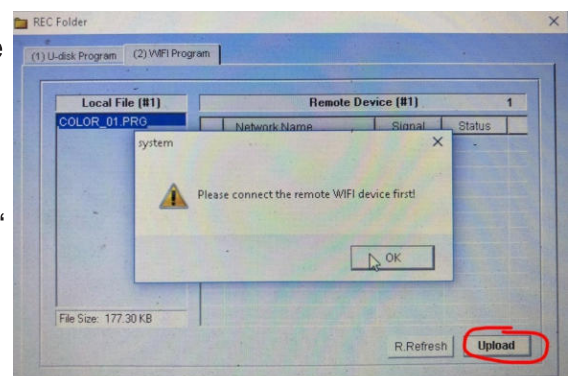
INSTRUCTION MANUAL

Basic instructions for program use:
DESCRIPTION of buttons in software

PHOTO 1

DESCRIPTION of buttons in software:

1. "**U-disk REC**" button is for recording your finished project to USB flash memory for LED sign, If you using USB programming mode.
2. Obtain parameter for LED sign from USB memory (parameter is already in factory mode , no need to set).
3.**"WIFI-SEND"** button is to send your project to LED sign .If you use WIFI programming method. For this method you first must connect LED sign WIFI to your computer WIFI.
4. Obtain parameter for LED sign from USB memory (parameter is already in factory mode , no need to set). If you are using with WIFI programming method.
5. Set correct time and date , If you use WIFI connection
6. Press this Button "**Add Rich Text**" to add text in your project
7. Press this button "**Add Picture**" to add IMAGE to your project (max resolution of this LED sign **is 150 x50 pixels**, use small images, photos, video, GIF or Flash files), if you load big photo or video LED sign will stop working and then you need to check in troubleshooting to get the way to solve problem.
8. ADD Gif animation
9. ADD flash animation
10. ADD video , Video is not supported for this model of LED sign.
11. ADD clock, date or day to your project. For this LED sign use "**clock-digital**" option.
12. By pressing "**Preview**" button you can see how your project will look when you load it to LED sign. (press STOP to stop preview).
13. If LED sign is connected to computer WIFI it will be green text with name of LED sign . If led sign is not connected to WIFI this text will be in red color (for USB mode text will be in red color).
14. Window where you input your text for LED sign.
15.Main window for items that you have in your project, you can delete unwanted by pressing button 16 on photo 1.
17. Main Menu for software. In FILE menu you can choose to save your project or open already saved one. Or choose one of 8 provided languages for use. Menu "Control" is only for service use .
18. Zoom window (you can manage zoom from file menu option ZOOM).
19. Presentation window, shows how your text will look on LED sign.

After you finish your project you must press "U_Disc REC" button to transfer all to USB flash memory (If you use USB method of programming).
- For this method USB flash memory must be in computer USB port.
After you finish your project you must press "WIFI-SEND" button to transfer all to LED sign (If you use WIFI method of programming).
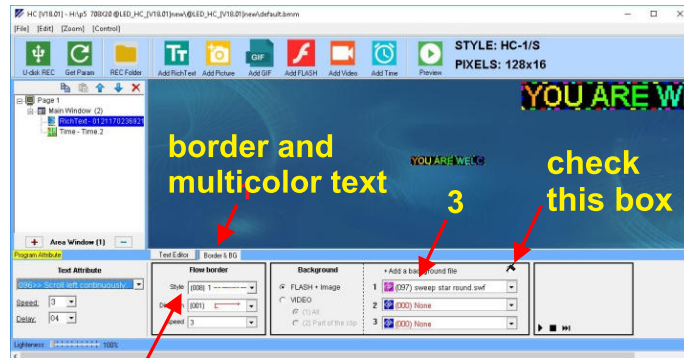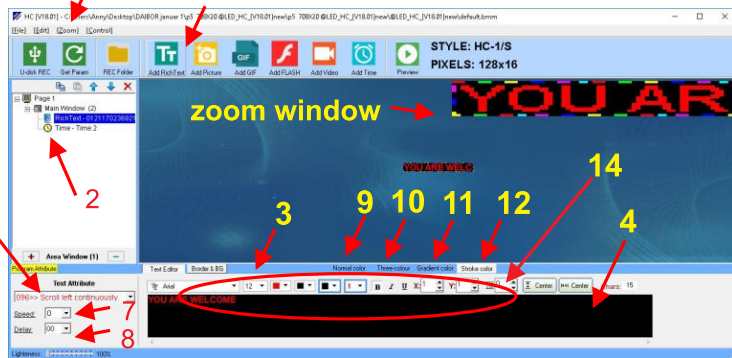**- For this method LED sign must be first conected to computer WIFI.**

-2-

Photo 3:
INPUT NEW TEXT to your project:

1. Press "**Add Rich Text**" button to add new text, "**Reach text**-number" will appear in window 2.
2. This window shows all items that your project contains: text, clock, image...
3. In this circle marked area you can chose FONT, COLOR, TYPE and vertical and horizontal position of text by changing values in X and Y boxes. Size of FONT should be smaller then 16.
4. This window is for inputting your text, if you want to change font or color just mark that part of text with right mouse click and chose font and color for that part of text.
5. In this window you can see how your text looks on LED sign
6. In this pull down menu you can select one of 60 ways to present your text : scroll left or right, down or up....., most common is "**000-Appear**" or **"094< scroll left".**
7. Speed of scrolling text (normal value is 0 to 3)
8. In DELAY drop down menu you enter value to set how long text will be shown on LED sign display. (standard value is 2 to 5).
9. Select this tab to present text in normal color (usually one color).
10,11. Choose one of this tabs to present text in three color mode or multi color mode in spectrum of colors that you select from 1 to 4 (preset color options).
12. "Stroke color" -Select this tab to add border around letters , choose one of colors for border.
9,10,11,12 is explained on next page.
13. ZOOM function , enables you to zoom text that will be displayed on LED sign.

   One row of text should not exceed 100 characters. Size of text maximum 12.
If you have any problems with presenting text on LED sign then mark all text ans select font type ARIAL.

PHOTO 4:
1. Click on this tab " **Border & BG**" to add border around text or choose multicolor presenting of text.
2. Choose border style , direction of border flow and speed for border around text.
3. In this drop-down menu you can choose multicolor presenting of text , most effective presenting is "**dynamic rainbow word1**" , or any other mode that you like for your text.

Aditional text color attributes :

Border &BG - with this tab in text editor you can:
1. Add border around text.
2. Select multicolor filling of text , best mode is
   (0001) Dynamic word rainbow1.

Three-colour tab - with this tab in text editor you can:
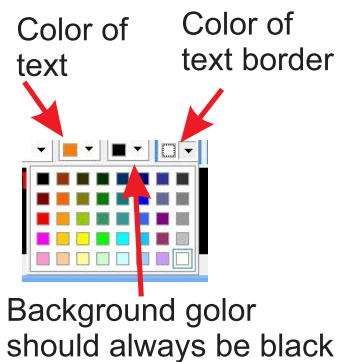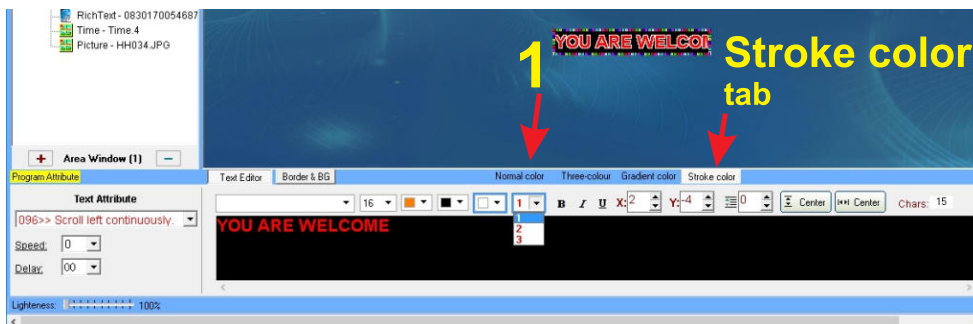Add three color filling of text
1. Select mode of different filling for text from 1 to 6.

Gradient color tab - with this tab in text editor you can:
Add gradient color filling to text (text will have transition from colors)
1. Select mode of different gradient filling for text from 1 to 6.

Stroke color tab - with this tab in text editor you can:
Add border around letters
1. Select thickens of border around letters (from 1 to 3).
2. Select color of border and color of text (background should be black color).

AFTER FINISH INPUTTING YOUR text SAVE YOUR PROJECT with "SAVE " from FILE menu

If you are using USB flash memory programming method:
RECORDING YOUR PROJECT TO USB MEMORY

- When you finish you can press "**U-disk REC**" to record your project to USB memory and wait for the program finish recording (around 5 to 30 seconds) PHOTO 4. After successful recording you will have message like on PHOTO 5. **USB flash memory must be in computer USB port.**
- Disconnect USB flash memory from computer.
- Insert USB flash memory into your LED sign and wait for blinking "**LOAD**" stops and displays "**OK**".
- Disconnect USB flash memory from LED sign.
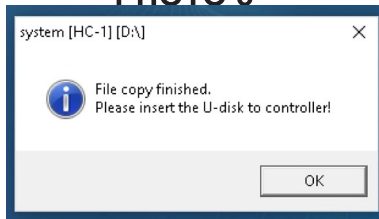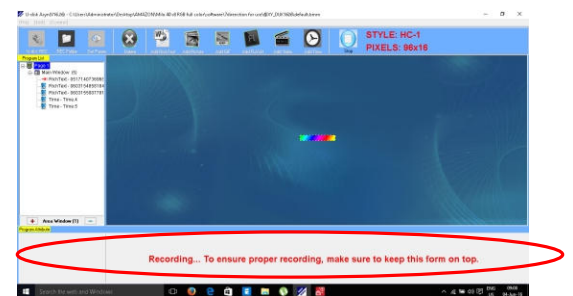- YOUR LED sign should now display your text.

PHOTO 5

PHOTO 4

If it takes too long time on recording to USB flash memory then change text to smaller size and change the type of text to ARIAL. Make one line of text maximum 100 characters.

If you are using WiFi connection programming method:
TRANSFER your project to LED sign with WiFi:

- Connect LED sign to computer WiFi (explained step by step on first page)
- Press button "**WIFI-SEND**" to send your project to LED sign.
  You will see window with question "Perform REC processing " answer with YES. PHOTO 6.
- Wait to finish transfer to LED sign . PHOTO 7.
- When transfer is finished you will have window with text :Upload file successfully . PHOTO 8..
- YOUR LED sign should now display your text.
- Disconnect computer WiFi from LED sign
- **If you have message " Time-out error" when you send text to LED sign, move closer to LED sign. Because distance depend on computer wifi strength and obsticals .**
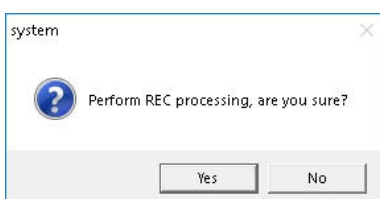
PHOTO 6   **PHOTO 7**   **PHOTO 8**

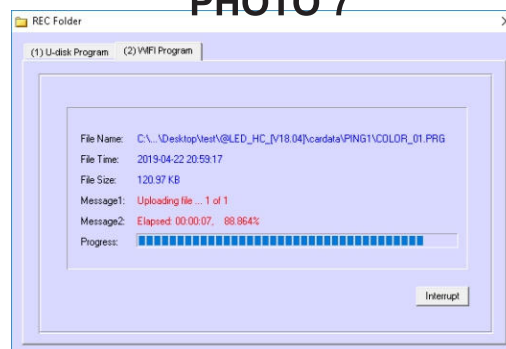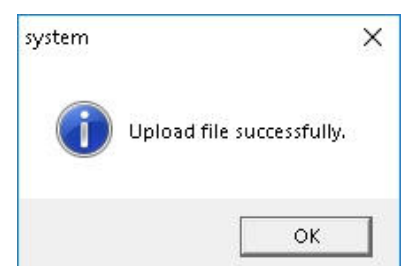If computer don't send your project to LED sign please check if LED sign is connected to computer WIFI.
Close software and run it again .

If you get message same like in this photo : "please connect to remote WiFi device first! "press "**UPLOAD** " again or **"WIFI-SEND"** to repeat sending process.
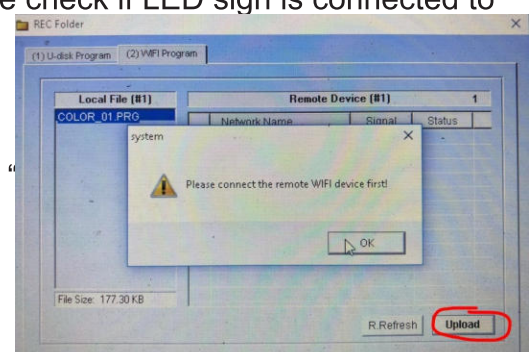If this error repeats please move closer to computer WiFi or check if LED sign is connected to computer WiFi.
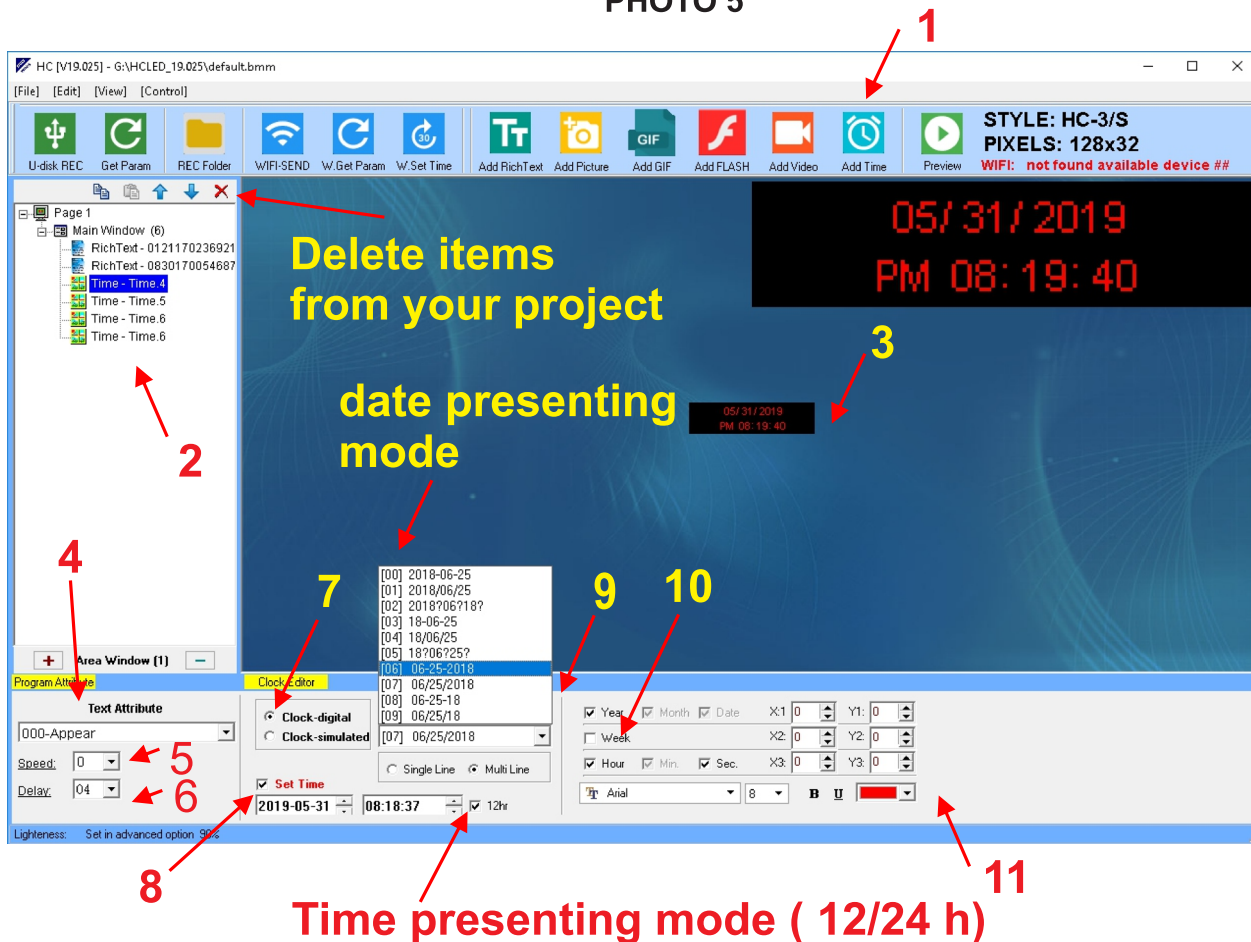
PHOTO 5

Delete items from your project

date presenting mode

Time presenting mode (12/24 h)

Photo 5:
INPUT TIME, DAY or DATE to your project:

1. Press "**Add Time**" button to add new time, "**Time-Time** number" will appear in window 2
2. This window shows all items that your project contains.
3. In this window you can see how time will look on your LED sign
4. In this pull down menu you can choose one of many ways to present your time (the best mode to select for presenting the TIME is : " **000-appear**").
5. Speed of moving text you can select value 2.
6. Delay is how long TIME will be presented on LED sign (normal value is 5)
7. Choose between analog and digital clock, for this size of LED sign better visible presenting is DIGITAL "Clock-digital".
8. **You can set correct time and date by** checking box "Set Time".
9. Choose FRAME type and color that will surround the clock .
10. Select what will be shown on LED sign, on this LED sign you can select TIME **or** DATE by marking the check box , only one can be presented because this LED sign can present only one row of text . WEEK check box leave blank (not checked).
    - By setting X and Y values you can adjust vertical and horizontal placement of time on display.
11. Choose font and color of TIME. **Size of FONT for TIME and DATE should be 8.** (if it's larger than time or date will not be shown on LED sign correctly).
TO change TIME to **12 or 24 h** format or **format of DATE** see photo 5 arrows **TIME PRESENTING MODE** and **DATE PRESENTING MODE.**

After finish adding text you can add another text, photo or time , save your project by selecting "SAVE " option from FILE menu .
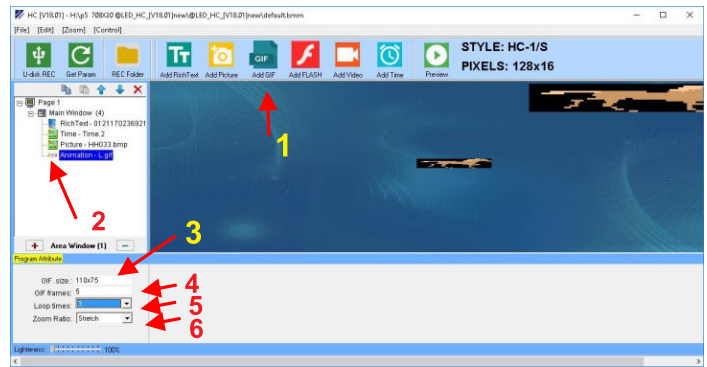
-6-

PHOTO 6   PHOTO 7

Photo 6:
INPUT IMAGE to your project:

1. Press "**Add Picture**" button to add new image, "**Picture** number" will appear in window 2.
2. This window shows all items that your project contains.
3. In this drop down menu you can select how will be presented on LED sign, most common is "**000-Appear**" or " **094< scroll left**".
4. This window will show the size of image or photo (should not be more than 100 x 25 pixels) , perfect size of image for this LED sign is **96 x 16** pixels.
5. In this drop down menu you can select how photo or image will be presented if it is larger in pixels then the resolution of screen on LED sign : **stretch** (if it is smaller to stretch image to whole screen), **full size** or **fit image** to LED sign.
6. Delay is how much time will be presented on LED sign (normal value is 5), speed 2.

Photo 7:
INPUT GIF animation to your project:

1. Press "**Add Gif**" button to add new time, "**Animation**-namber" will appear in window 2.
2. This window shows all items that your project contains.
3. This window will show the size of gif animation (should not be more than 100 x 30 pixels) , perfect size of gif animation for this LED sign is **96 x 16** pixels.
4. Gif frames - how many frames will be shown from gif animation.
5. Loop times- how many times to repeat showing gif animation.
6. Delay is how much time will be presented on LED sign (normal value is 5)
7. Zoom ratio- choose how to present gif animation if it is smaller or bigger resolution than 96 x 16 pixels.

After finish adding text you can add another text, photo or time , save your project by selecting "SAVE " option from FILE menu .

AFTER FINISH INPUTTING YOUR text SAVE YOUR PROJECT with "SAVE " from FILE menu

Send your project to LED sign . Please see page 3 .

WiFi range is 10 to 32 feet depend on computer or mobile phone wifi range and obsacles
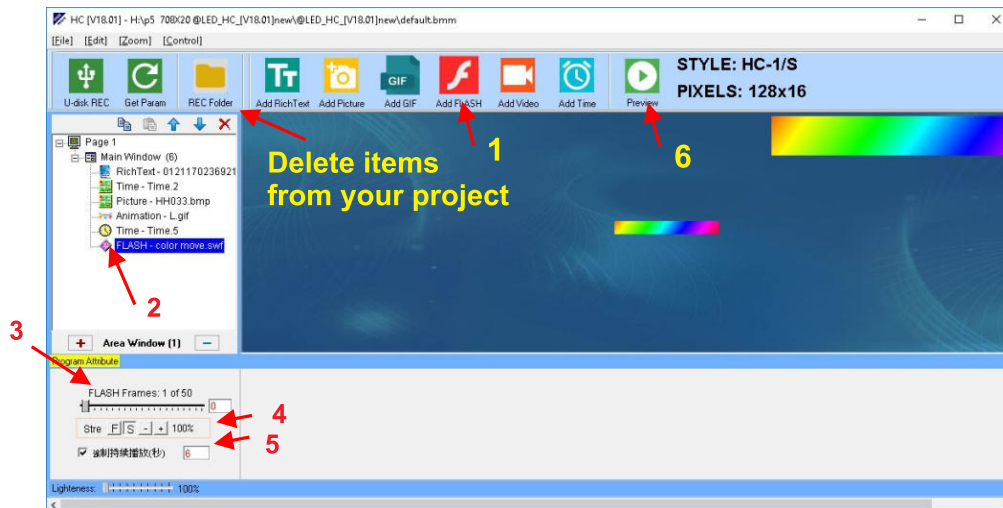
PHOTO 8

Photo 8:
INPUT FLASH animation to your project:

 This is LED sign with resolution 96 x16 and could not load too big flash animation

1. Press "**Add Flash**" button to add new flash file, "**Flash**-name" will appear in window 2.
2. This window shows all items that your project contains.
3. GIF number of frames to be presented on display. Size in pixels for flash file is maximum
     200 x 50 pixels, recommended size is 96x16 pixels.
4. You can set zoom ratio for flash file (how flash file will fit in LED sign screen).
5. How many times GIF file to be presented on LED sign.

6. PREVIEW button will PLAY your project so you can see how it will look on LED sign
    after transferring to LED sign.

AFTER FINISH INPUTTING YOUR text SAVE YOUR PROJECT with "SAVE " from FILE menu
Send your project to LED sign . Please see page 3 .

If you experience problem with software or LED sign is having issues then
you can reset LED sign to factory state with this instructions:
   - Copy file "ORIGINAL USB content.zip" from USB flesh memory to your PC.
   - Delete all old files from USB flash memory.
   - Unpack (UNZIP) files from file "ORIGINAL USB content.zip " ,
   - Copy unpacked files to USB flash memory,
   - Insert USB flash memory to your LED sign and LED sign will be reset to
     original factory state.
   - You can use any other USB flash not bigger than 4GB formatted in FAT 32 format.

TROUBLESHOOTING

If you have message from software that file c64.dll or csw.bin file is missing then anti virus delete them by mistake, solution is to restore this files :
  - This files are located on USB flash memory in directory USB memory
    :\HCLED_19.028\mydata\mysys
  - Will be preferable to turn off anti virus software to prevent deleting this files again.
  - Go to that directory and unpack (UNZIP) file c64csw.zip in same place.
  - Files are restored and software can run again.

If you can't connect to LED sign WiFi please move closer to LED sign.If you have message " Time-out error" when you send text to LED sign, move closer to LED sign. Because distance depend on computer wifi strength and obsticles .

If you experience more BLUE color on LED sign than it should be after you entered your text, then in rare cases LED sign software is not compatible with your laptop or PC graphic card , please use any other laptop or PC to make your LED sign work.

After saving your project to USB memory with "U-Disk REC" if there is no change on LED sign display when you insert USB memory to LED sign, the problem might be the speed of writing to USB flash memory is not correct (computer write with different speed from the speed it needs). The best solution is to make your program with any other laptop or PC.

after saving to USB flash memory, if you see everything except text then change font or color of text and text will be visible again.

If your fonts on computer screen are not clear after using software then you must turn back on CLEAR TYPE FONT. You can find it by typing "Adjust clear type font " in windows search bar bottom at the left corner of desktop. Then check box for CLEAR TYPE FONT and confirm.

If you experience problem with software or LED sign or having issues then you can reset LED sign to factory state with this instructions:
  - Copy file "ORIGINAL USB content.zip" from USB flesh memory to your PC.
  - Delete all old files from USB flash memory.
  - Unpack (UNZIP) files from file "ORIGINAL USB content.zip " ,
  - Copy unpacked files to USB flash memory,
  - Insert USB flash memory to your LED sign and LED sign will be reset to
    original factory state.
  - You can use any other USB flash not bigger then 4GB formatted in FAT 32 format.

If after press "U-Disc REC" button it takes too much time on loading to USB flash memory then one of items in your project is with error :
- Wrong font : select all text and change size of font to 12 and type of font set to ARIAL
- Too long text. Maximum is 100 characters in one row of text.
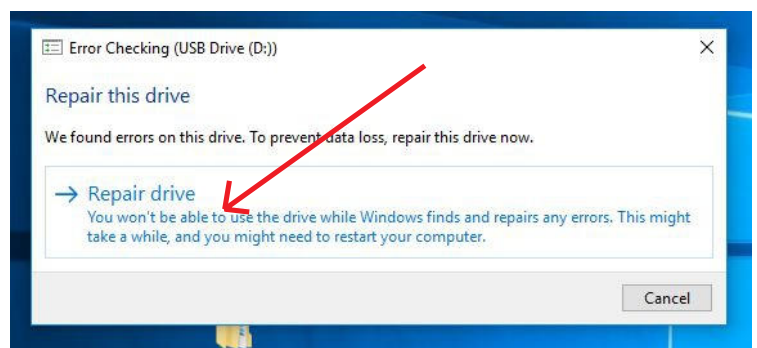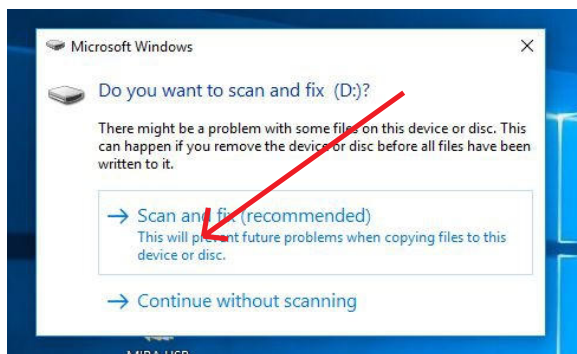- Inappropriate speed of presenting text
Please delete some of items in program and do "U-Disk REC" again.

TROUBLESHOOTING

If you have error message **"THERE'S A PROBLEM WITH THIS DRIVE"** when you insert USB flash drive to computer USB port like is shown on next photo:
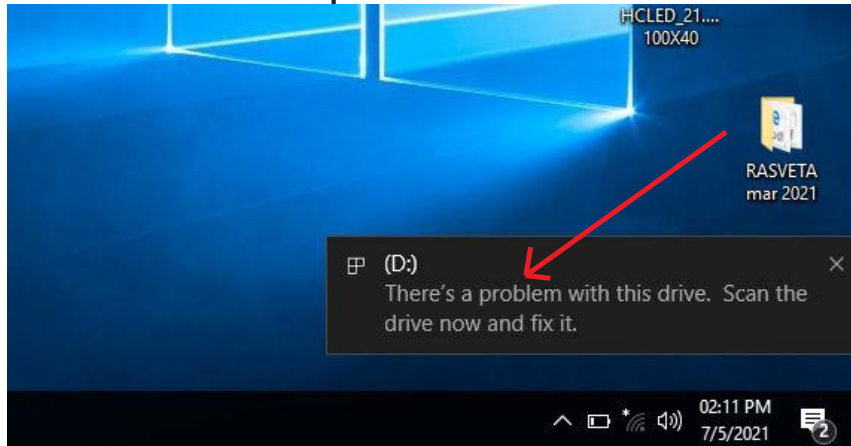
Then select that error message and chose option:
Scan and Fix (recomended)
Then select option : **Repair drive**

After repair is finished select :Close on next window , and USB flash drive will work normaly.

INSTRUCTION MANUAL
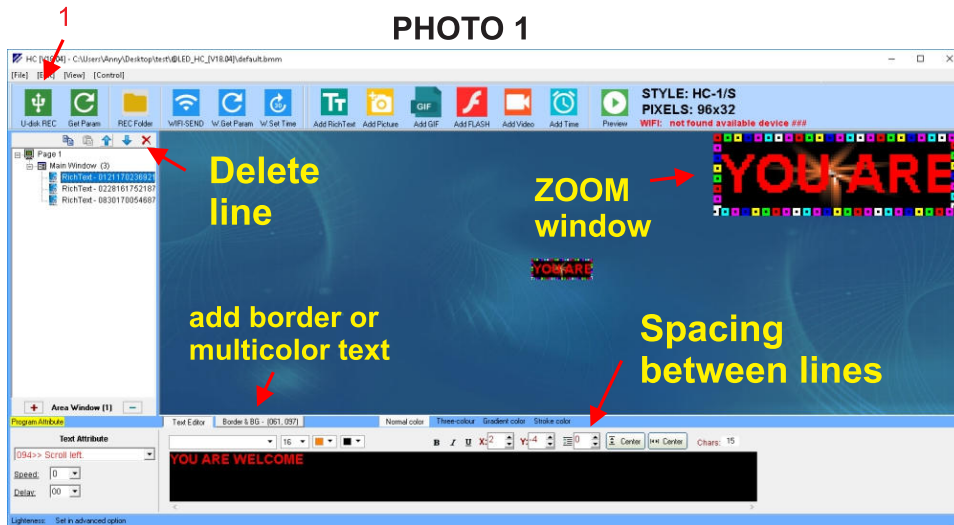# FOR USB programming method

PHOTO 1

PHOTO 2

Delete line

ZOOM window

add border or multicolor text

Spacing between lines

Password for advanced settings: led888

To use USB programming method USB flash memory must be in computer USB port:

1. Insert USB flash memory to computer USB port.
   Run software : USB flash memory:**\HCLED_19.028\HCLED.exe**
2. Make your project how is described from PAGE 2 to PAGE 9.
3. After you finish making your project, transfer all your work to USB flash memory by pressing
   "**U-Disk REC**" button (arrow 1 in photo 1) . Wait 5 to 60 seconds for transfer to complete
   (depends on how many lines you have in your project).
   One Rich text line should be not longer than 100 characters .
5. When transfer to USB flash finished you will be notified : "File transfer finished , please insert
   U-disk to controller" .
   Save your project option "SAVE" from FILE menu.
6. Remove USB flash memory from computer and insert to LED sign
   Wait for blinking "**LOAD**" stops, when LED sign shows "**OK**" on display, pull out USB flash
   memory from LED sign.
7. LED sign should present your project.

Solutions for possible errors in project:
- If LED sign skip some of lines in project:
   Select all text and change text into smaller size, and change the type of text into ARAL.
   Check if there is any line of text with more then 100 characters (100 is maximum number in one line).
   Check if time and date is in proper size (usually 10 to 14 pixels).
- If Recording to USB flash memory takes too long time, check size of text and change type
   of text to ARIAL.

**After you finish your project you must press "U_Disc REC" button to transfer
all to USB flash memory (If you use USB method of programming).
- For this method USB flash memory must be in computer USB port.**

PROGRAM FOR Andoid MOBILE PHONE

PHOTO 12 : SCAN for download app for Android mobile phone
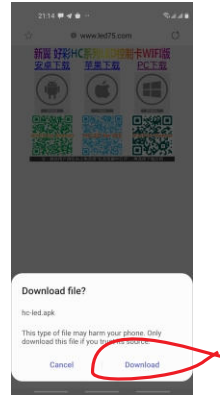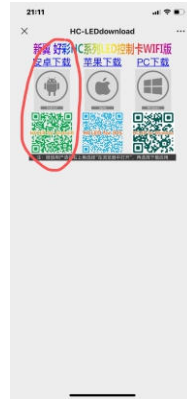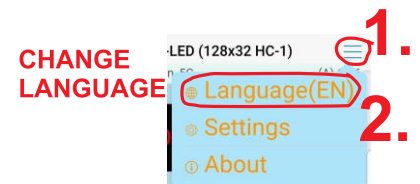
download software and install

**PHOTO 13 program icon**

Ledwifi 12345678

ON YOUTUBE search for video instructions :POLAR led light HCLED mobile phone

PHOTO 12: **Android** application for programing your LED sign by mobile phone.
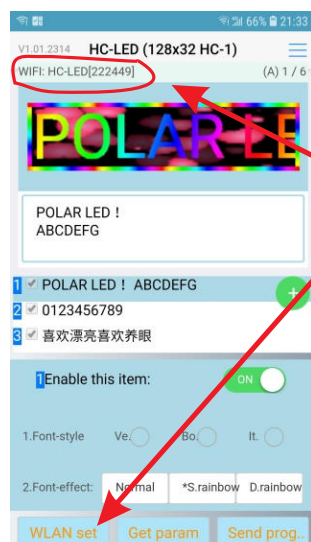**Software for Apple Iphone is on next page.**

- Scan photo of BAR CODE with your mobile phone and you will get choice to install program for **Android** mobile phone. INSTALL software .
  or type this link in to your mobile phone browser:
  http://www.led75.com/wifiapp/appdownload.html
- If you can't connect to LED sign WiFi please move closer to LED sign.
- After installing you will have application" **HC-LED**" in your phone photo 13.
- **Connect your phone WiFi with LED sign by selecting SETTINGS menu in your mobile phone then choose WiFi menu in settings.** Search for WIFI name :
  LED sign **HC-LED[XXXXXX]** where XXXXXX- will be set of numbers or letters.
  (**WiFi password: 12345678**).**If IPhone do not connect WiFi please repeat this step several times for first time connection.**
- To change language press button on upper right corner in software , then select to change to English language..
- Press ""**Get param**" button to get settings from LED sign.
  This button you need to press only when you connect for first time.
- To input new text please refer to instructions on next page.
  press "**Send prog..**" button to send text to LED sign after you finish inputting your text.
- After you finished using program disconnect LED sign from mobile phone WiFi .

CHANGE LANGUAGE

1.
2.

- LED (128x32 HC-1)
- Language(EN)
- Settings
- About

connect your LED sign to phone WiFi
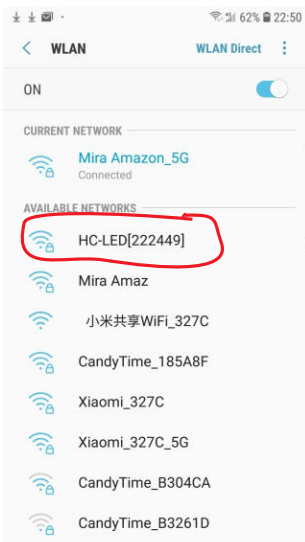
Properly connected to computer WiFi

connect LED sign to phone WiFi

Change Language

Input your text and press "Send prog.."

If you don't have this text then first connect to phone WiFi

-12-

Software for Apple Iphone mobile phone

**PHOTO 12 : SCAN for download app
for Apple IPhone.**

Ledwifi 12345678

**PHOTO 13
program icon**

PHOTO 12:   **Apple Iphone** application for programing your LED sign by mobile phone.
 - Scan photo of BAR CODE with your mobile phone and you will get choice Install
    software from APP store. .
Or search for application :"HCLED " in APP store and press GET to install .

- After installing you will have application" **HC-LED**" in your phone
   photo 13.
- **Connect your phone WiFi with LED sign by selecting SETTINGS menu in your
   mobile phone then choose WiFi menu in settings.** Search for WIFI name :
    LED sign **HC3LED[XXXXXX]** where XXXXXX- will be set of numbers or letters.
    (**WiFi password: 12345678**).
- If you have message " Time-out error" when you send text to LED sign, move closer to
   LED sign. Because distance depend on computer wifi strength and obsticals .
- To change language press button on upper right corner in software , then select
   to change to English language..

- Press ""Get param" button to get settings from LED sign.
   This button you need to press only when you connect for first time.
- To input new text please refer to instructions on next page.
    press "**Send prog..**" button to send text to LED sign after
    you finish inputting your text.
- After you finished using program disconnect LED sign from mobile phone WiFi .

**CHANGE
LANGUAGE**

**connect your LED sign
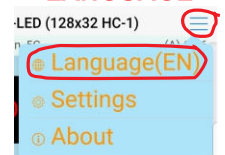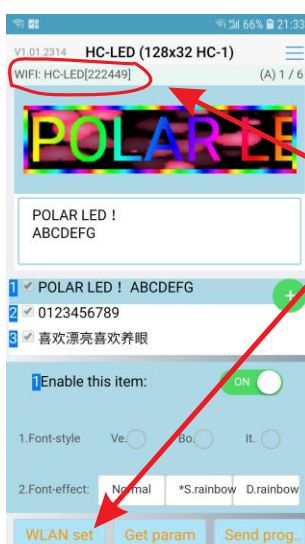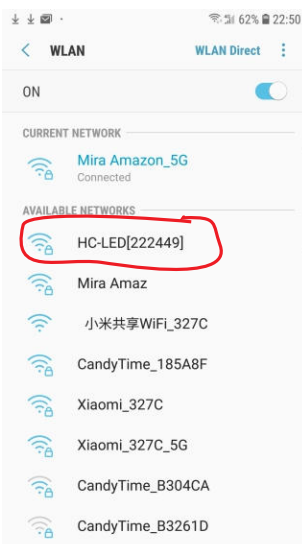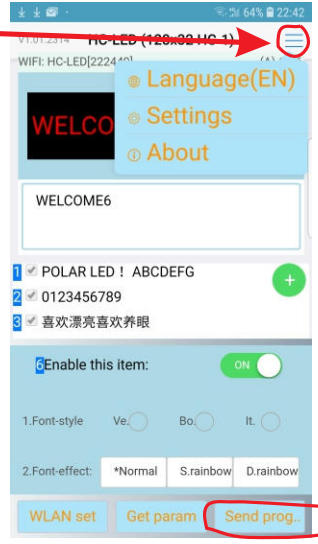to phone WiFi**

**Properly connected
to computer WiFi**

**connect LED sign to
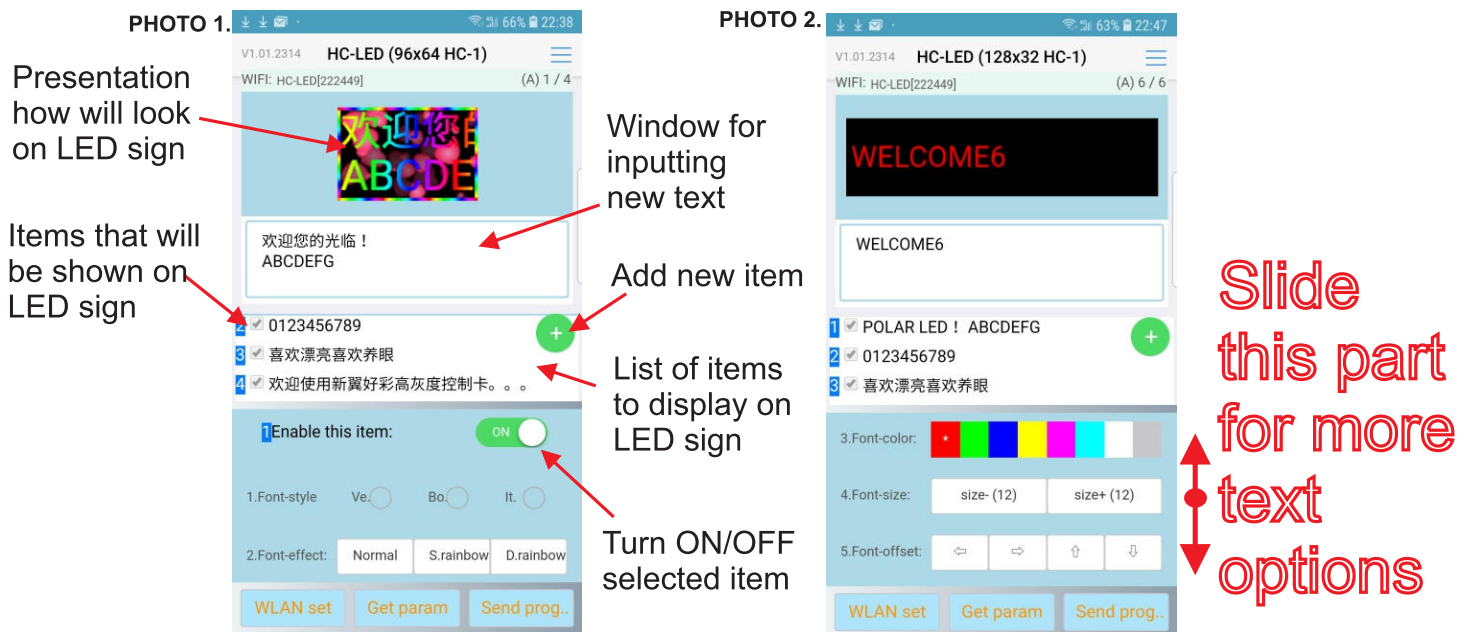phone WiFi**

**Input your text
and press "Send prog.."**

**Change
Language**

**If you don't have
this text then
first connect
to phone WiFi**

-13-

HOW TO INPUT NEW TEXT

PHOTO 1.

Presentation how will look on LED sign

Items that will be shown on LED sign

Window for inputting new text

Add new item

List of items to display on LED sign

Turn ON/OFF selected item

PHOTO 2.

Slide this part for more text options

To add or edit text select Item in middle window marked with 1,2,3 ... Change text In window for inputting text.

You can change attributes for text in down part of software:

- Enable this Item: show or don't show selected item on LED sign
1. Font Style: Ve.: vertical letters , Bo.: bold letters. It.: Italic letter
2. Font effect: Normal: single color , S.rainbow, D.rainbow: colorful letters
3. Collor of text font
4. Size of text (font) , Size of font for one line text is best to set to 24
   for 2 lines of text set to 12 .
5. Font offset : change vertical and horizontal position of text.
6. Font-lineSP: Spacing between lines , for 2 lines of text spacing shoud be set to 0.
7. Font effect : Appear - not moving text, scroll up, down, left select to scroll text .
8. Font speed: Speed of text scrolling.
9. Font delay: How long text will be displayed on LED sign
10. Bor-style : Select border arround text.
11. Bor-direction: Direction of moving border line   12. Bor-speed : speed of border .

PHOTO 2.

Slide this part for more text options

14. Background : select background image for your text , you can select one of predefined backgrounds or input new picture from your gallery (If you want to select your picture for background acceptable picture format is JPEG and size not more then 200x50 pixels).
15. Bg-zoom: Type of background picture presentation: Stretch (stretch smaller picture to fit screen, Fit-image: to fit image to screen resolution, Full-image: to put full image to screen - only part 96x16 pixels will be visible).
16. Bg-delay - speed of moving background picture.

When you finish inputting your text press "Send prog" button to send your text to LED sign. LED sign must be connected to mobile phone WiFi. Sending progress will be shown like in photo 1. when sending is sucessfuly finished you will be informat (Photo 2). After you finish sending text to IED sign disconect LED sign from mobile phone WiFi.

photo 1.   **photo 2.**
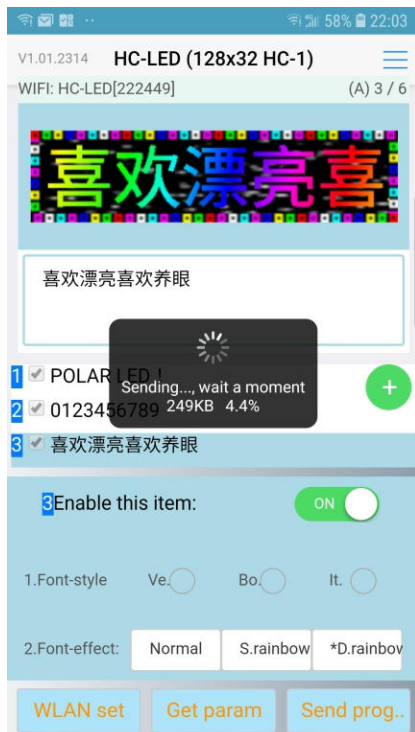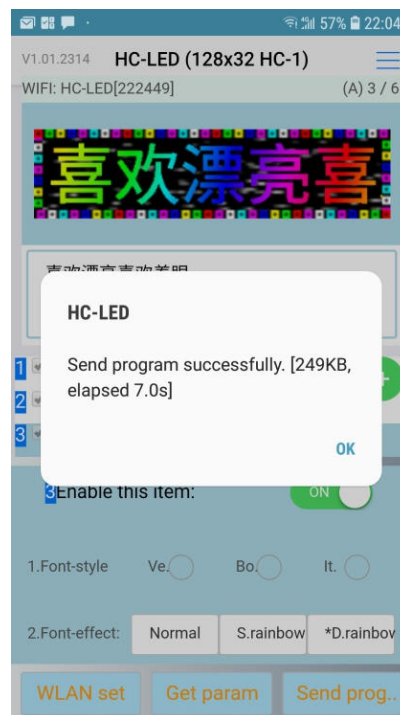

If transfer to LED sign is interrupted like shown in this photo then you must repeat sending to LED sign but first make sure ' that LED sign is connected to mobile phone WiFi and move your phone closed to LED sign for better WiFi reception.
If you can't connect LED sign to mobile phone WiFi try to turn OFF then again ON mobile phone WiFi. And Turn OFF LED sign and turn again ON.

QUICK INSTRUCTIONS
for mobile phone WIFI connection

 - Connect LED sign to mobile phone WIFI . Search for wifi name **:HC-LED[XXXXXX]**
  XXXXXX- will be set of numbers . Password is : 12345678
  WIFI Connection will display " no internet connection", that is because led sign
  do not provide internet.
- Start (RUN) software **HC-LED** .
- **Press button "Get param " to obtain parameters from LED sign.**
- Input your text
- Send your text to LED sign with button '**send prog..**"
  (note : led sign wifi have reach 10 to 30 feet)
  (if recording take too long time, then check that each line can't be longer then
  100 characters , try to change type of font).
- After you finish sending , connect to your usual wifi network .

QUICK INSTRUCTIONS
for comuter WIFI connection

- Connect LED sign to computer WIFI . Search for wifi name :**HC-LED[XXXXXX]**
  XXXXXX- will be set of numbers .Password is : 12345678
  WIFI Connection will display " no internet connection", that is because led sign do
  not provide internet.
- Start (RUN) software **HCLED** located on USB flash drive in directory :
  :/HCLED_19.028
- Input your text or add time to program.
- Send your text to LED sign with button '**WIFI SEND**"
  (note : led sign wifi have reach 10 to 30 feet)
  (if recording take too long time, then check that each line can't be longer then
  100 characters , try to change type of font).
- After you finish sending , connect to your usual wifi network .

QUICK INSTRUCTIONS
for comuter USB flash drive transfer

- Plug USB flash drive to computer USB port
- Start (RUN) software **HCLED** located on USB flash drive in directory :
  :/HCLED_19.028
- Input your text or add time to program
- Save your work to USB flash drive for transfer with Button "**U-disk REC**"
  wait till recording is finished.
  (if recording take too long time, then check that each line can't be longer then
  100 characters , try to change type of font, or do recording without photos)
- Plug USB flash driver to LED sign usb port , wait till transfer is finished .

TECHNICAL DATA

USA, CANADA

Voltage: 85-240 V (USA 110 V)
Power: 60 W (usually below 8W)
Dimension: 40"x8" depth: 1.8",
pixel resolution: 96 x16 (1104 led) P10
Sign without frame: 37.5" x 6.5"
Color: RGB full color
Weight: 5.3 pounds, professional version 12 pounds
Connection : WiFi connection, USB connection
indoor version : for indoor use only.
OUTDOOR version : for outdoor use (not waterproof , only weatherproof)
                              must be under some cover.

WiFi password : 12345678
WiFi distance is 3 to 10 m , depends on computer or mobile phone WiFi streinght.
**Package includes:**
- LED scrolling sign 40"x8" P10
  Power adaptor 85-240 V is inside LED sign
  WiFi antenna is built inside LED sign
- USB flash memory with software
- Instruction manual

Password for advanced users of software : led888

For additional instructions please write to our email :
lightsourcing@outlook.com

Connectors on LED sign:

mounting ear for hanging

LED scrolling sign

USB port
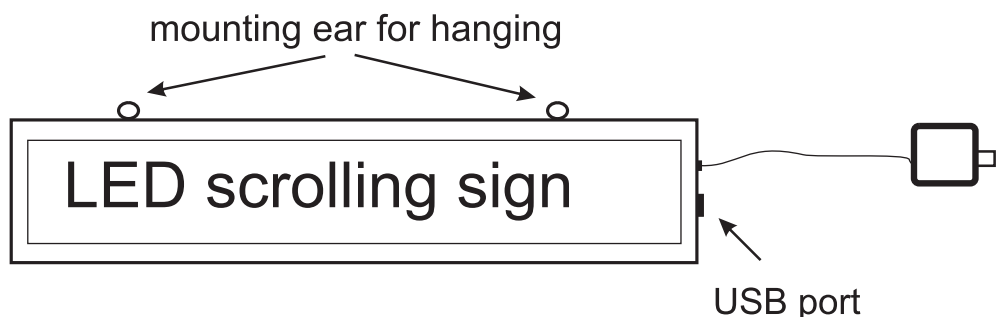
WiFi range is 10 to 32 feet depend on computer or mobile phone wifi range and obsacles

FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any inte rference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interferenceto radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.