

# LED Cloud Tutorial

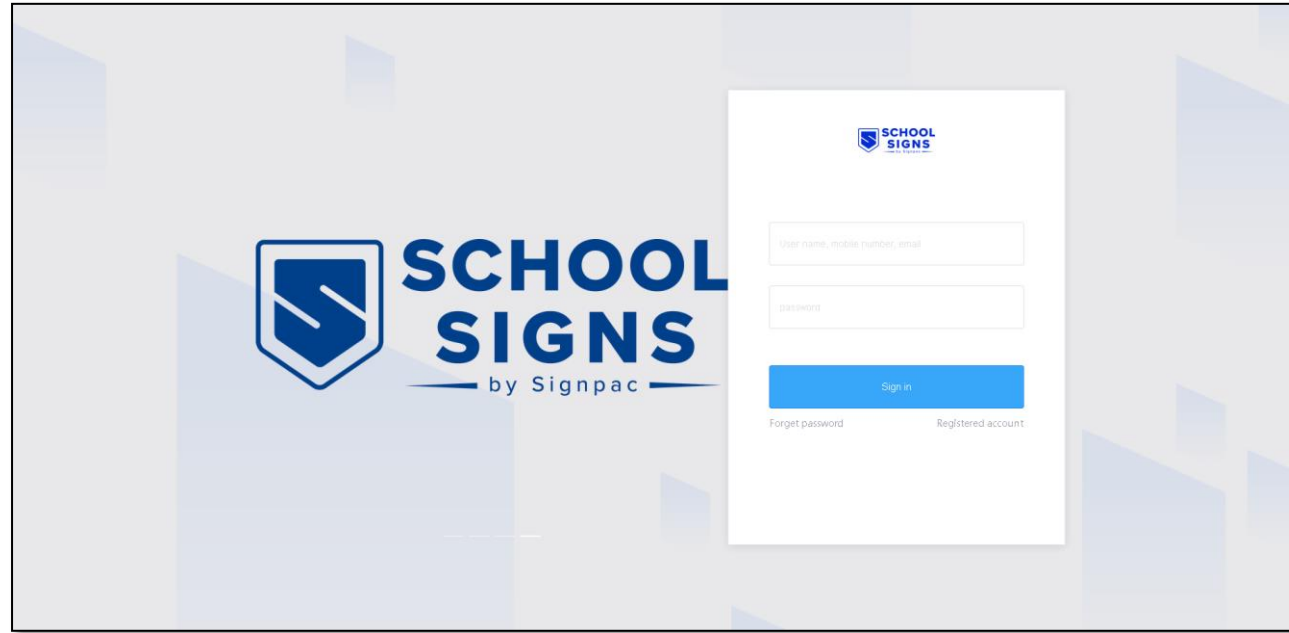


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# Login Page



To access the cloud platform you will need to use an Internet Browser.

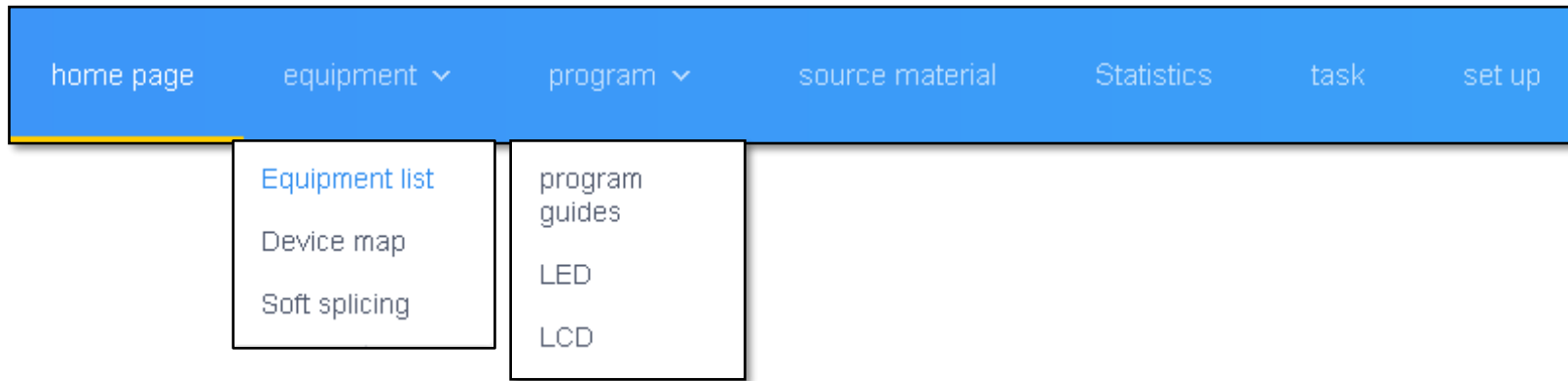
<https://led-cloud.com.au/#/Rich/HomePage>

**Please note that Internet Explorer is not compatible**

Use another browser such as **Chrome, Firefox, Safari or Edge**

Use your login & password details that Signpac provided to access your signage account

# Navigating the LED Cloud



Once you have logged in you can use the navigation buttons in the top of the page to explore the platform

**Home Page** – This page contains statistics and graphs about the devices that you have attached to your account. For most users who only have one device, this page does not have great deal of functions

**Equipment List** – Contains a list of all the LED signs attached to your account. From this page you can change background settings of your sign (On / Off times, brightness, time correction)

**Program Guides** – This page allows you to create a playlist. This allows you to organise the programs into a list where the order can be changed

**LED** – This page is for creating and releasing messages that will display on a LED Sign. A program contains text, images, videos, clock or temperature.

**LCD** – Similar to the previous LED option, but this page is for indoor LCD signage. For creating and releasing messages that will display on a LCD Sign. A program contains text, images, videos, clock or temperature.

**Source Material** – Stores images and videos on the cloud, ready for use within the program page. Users can upload their files on this page.

**Task** – Gives a log of all the data that has been sent out to the sign on the account.

**Setup** – Displays information about your LED Cloud account. Main function is changing the password of the account.

# Creating a text message program



# Creating a Text message program

The Program - LED page displays a list of all the previously made programs.

A Program is a message or a group of messages that can be sent to a LED sign.

These are stored on your account.

To start a new program click on **Program > LED**

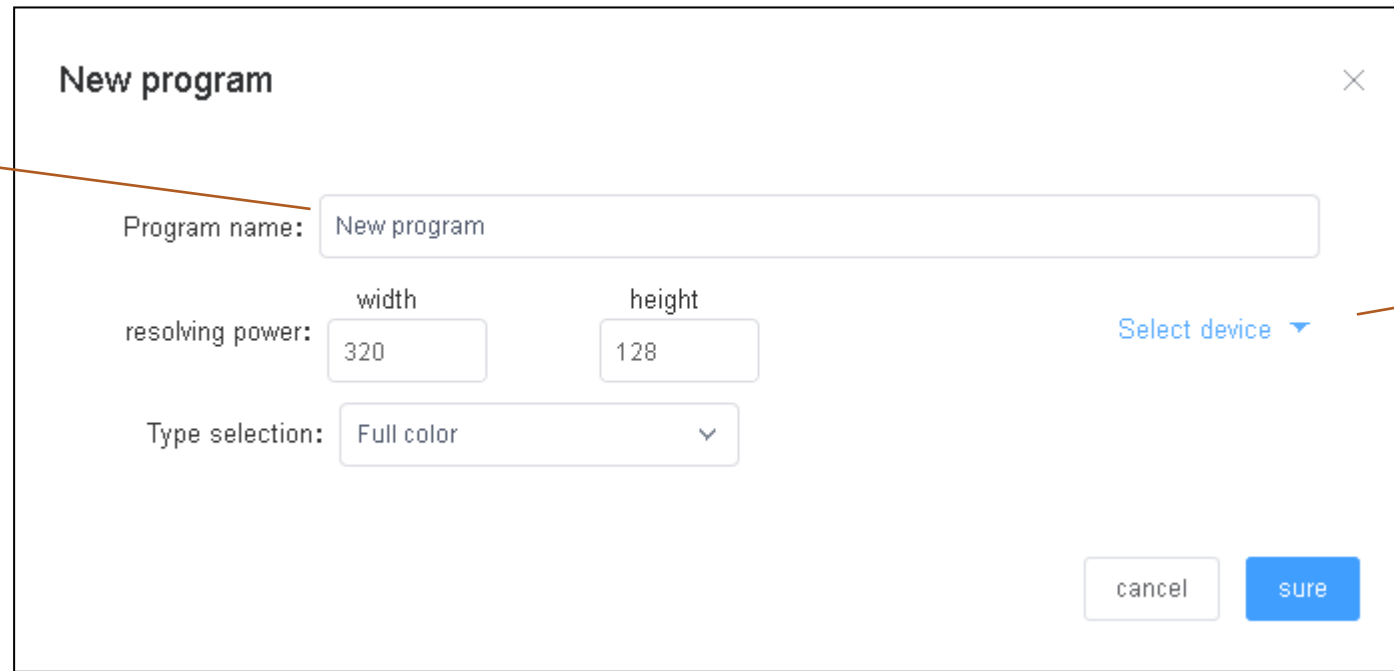
The screenshot shows the SIGNPRO AUSTRALIA PTY LTD web application. The top navigation bar is blue and contains the following links: home page, equipment, program, source material, task, and set up. The 'program' dropdown menu is open, showing 'LED' and 'LCD' options. An orange box with the text '1. Click Program > LED' points to the 'LED' option. Below the navigation bar, there is a 'Full color program' tab and a 'New program' button. A search bar is also present. Below the search bar, there is a table with the following columns: ID, Program name, Program type, resolving power, duration (s), creator, Modification time, Number of bound programs (Nos.), Playback control, state, and Operation item. The table contains one row with the following data: ID: 38352, Program name: Welcome, Program type: Full color, resolving power: 240x144, duration (s): 0, creator: signpac\_demo1, Modification time: 2022/11/24 11:49:56, Number of bound programs (Nos.): 0, Playback control: [button], state: [green checkmark], and Operation item: [preview] [edit] [Playback control] [more]. An orange box with the text '2. Click New Program' points to the 'New program' button. The bottom of the page shows a pagination bar with the text 'common 1 strip' and a page number '1'.

ID	Program name	Program type	resolving power	duration (s)	creator	Modification time	Number of bound programs (Nos.)	Playback control	state	Operation item
38352	Welcome	Full color	240x144	0	signpac_demo1	2022/11/24 11:49:56	0	[button]	[green checkmark]	[preview] [edit] [Playback control] [more]

# Creating a Text message program

Type in a **Program Name** – this is the reference name of what the message will contain, for example – Book Fair or Holiday message

1. Type  
Program Name



The screenshot shows a 'New program' dialog box with the following fields and controls:

- Program name:** A text input field containing 'New program'. An orange callout box labeled '1. Type Program Name' points to this field.
- resolving power:** Two input fields for 'width' (320) and 'height' (128).
- Type selection:** A dropdown menu currently set to 'Full color'.
- Select device:** A blue link with a dropdown arrow. An orange callout box labeled '2. Click select device' points to this link.
- Buttons:** 'cancel' and 'sure' buttons at the bottom right.

2. Click select  
device

# Creating a Text message program

It is very important to select your sign from the device list. This will setup your program with the same size as your LED sign.

New program

Program name:

New program

resolving power:

width

240

height

144

Select device ▲

Type selection:

Full color ▼

Device ID, Equipment name

search

Device ID	Equipment name	resolving power	state
A3-19-A0C61	Signpac Demo	240x144	🔊

common 1 strip

<

1

>

25 Article / page ▼

cancel

sure

**IF THIS STEP IS SKIPPED THE MESSAGE  
WILL NOT BE ABLE TO BE SENT TO THE LED  
SIGN**

1. Click Select Device

2. Select the Device

3. Click OK



# Creating a Text message program

Add a Text window by selecting the **Text** option at the top of the page.

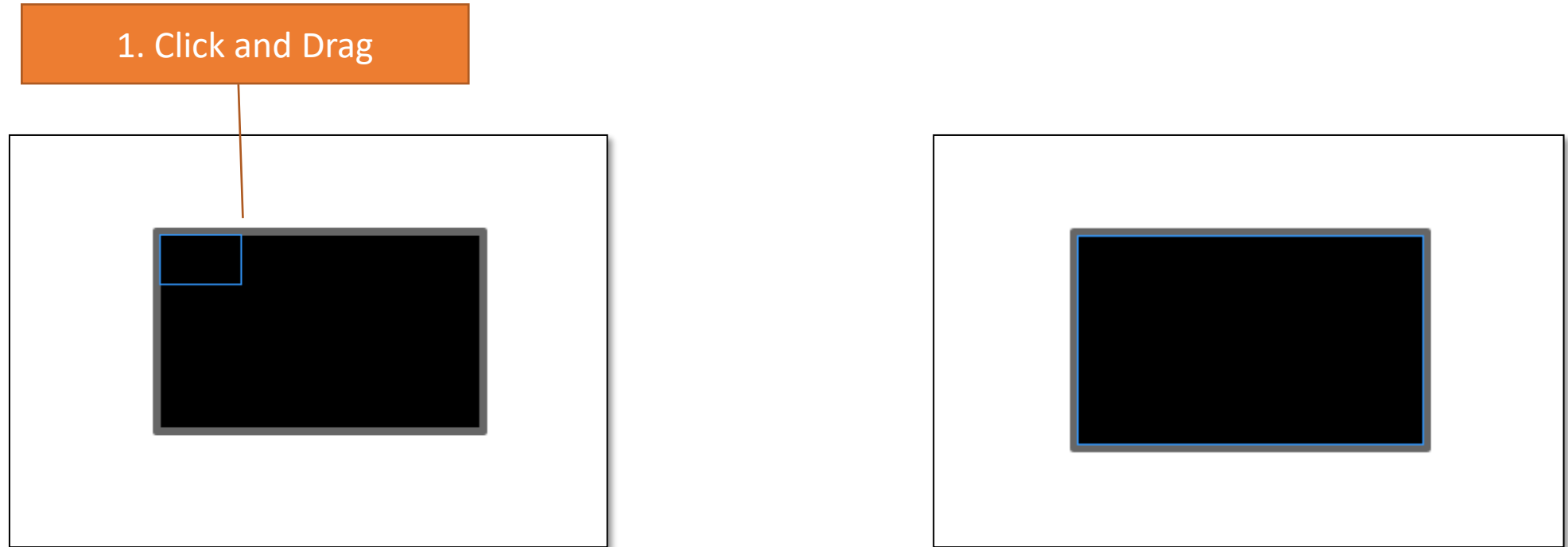
1. Click Text



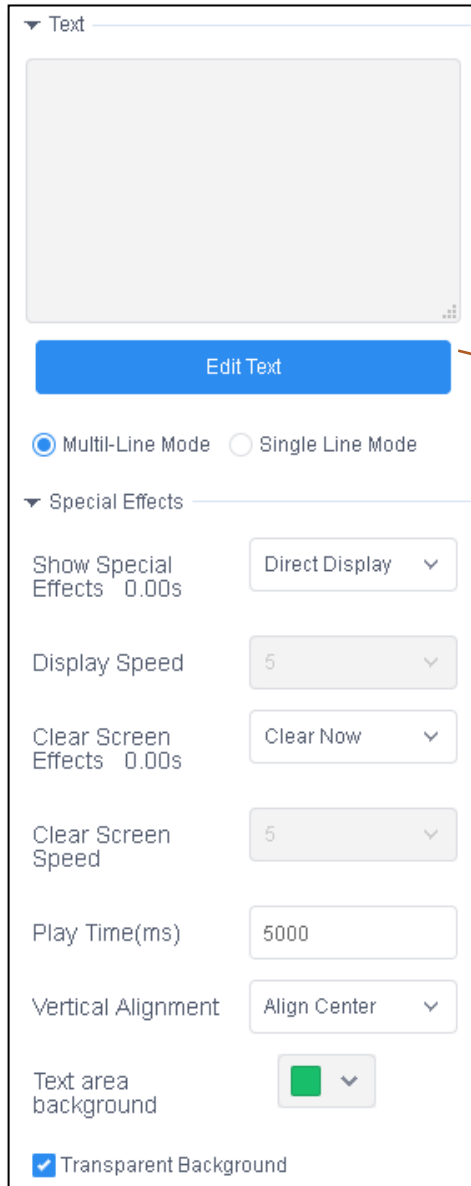
# Creating a Text message program

Adjust the Blue Area to set how much space the Text will use on the sign

If there is only one window that is going to be on the sign, drag the window to the entire screen, this will give you maximum amount of space to work with.



# Creating a Text message program



The screenshot shows a configuration window for a text message program. At the top, there is a large grey rectangular area for the message content. Below it is a blue button labeled "Edit Text". Under the button are two radio buttons: "Multi-Line Mode" (selected) and "Single Line Mode". Below these are several settings under a "Special Effects" section: "Show Special Effects" with a "Direct Display" dropdown and a "0.00s" timer; "Display Speed" with a "5" dropdown; "Clear Screen Effects" with a "Clear Now" dropdown and a "0.00s" timer; "Clear Screen Speed" with a "5" dropdown; "Play Time(ms)" with a "5000" input field; "Vertical Alignment" with an "Align Center" dropdown; and "Text area background" with a green color swatch and a dropdown. At the bottom, there is a checked checkbox for "Transparent Background".

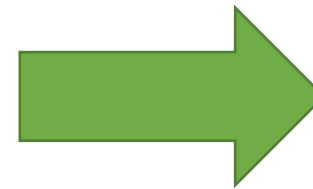
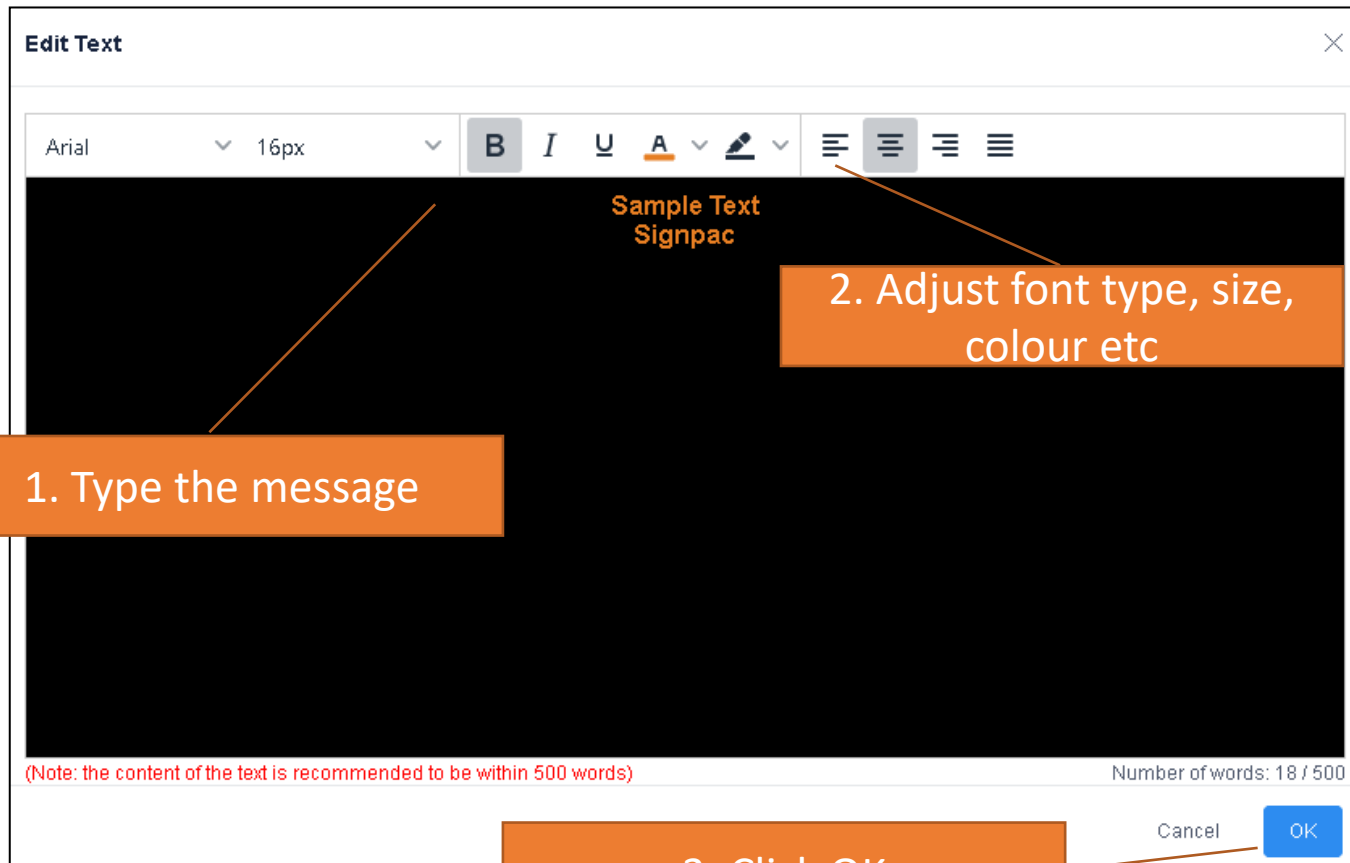
1. Press Edit Text

To start typing in the message, you need to press the button which says **Edit Text**

# Creating a Text message program

On the Edit Text screen, you can type in the text that will be displayed on the LED Sign. Be sure to adjust the font, size, colour and text alignment

If additional changes are needed you can return to the Edit Text screen by clicking the **Edit Text** button again



4. Check that the text fits on the preview window

# Creating a Text message program

The image shows a configuration window for a 'Text' message program. It includes a text input area at the top, followed by an 'Edit Text' button. Below this are radio buttons for 'Multi-Line Mode' (selected) and 'Single Line Mode'. A 'Special Effects' section contains dropdowns for 'Show Special Effects' (set to 'Direct Display'), 'Display Speed' (set to '5'), 'Clear Screen Effects' (set to 'Clear Now'), and 'Clear Screen Speed' (set to '5'). Below this is a 'Play Time(ms)' field set to '5000'. Further down is a 'Vertical Alignment' dropdown set to 'Align Center'. At the bottom, there is a 'Text area background' color picker (currently green) and a checked checkbox for 'Transparent Background'. Five orange callout boxes with lines pointing to specific UI elements provide additional instructions: 1. Points to the text input area: 'Change the transition effect here'. 2. Points to the 'Display Speed' dropdown: 'Display speed and Clear Screen Speed will increase/decrease the time of the transition 1 = Fastest 9 = Slowest'. 3. Points to the 'Play Time(ms)' field: 'Play Time(ms)- the amount of milliseconds the text will display for – default is 5000ms (5 Seconds)'. 4. Points to the 'Text area background' color picker: 'Untick Transparent Background, then use the colour palette'. 5. Points to the 'Transparent Background' checkbox: 'Untick Transparent Background, then use the colour palette'.

▼ Text

Edit Text

☒ Multi-Line Mode ☐ Single Line Mode

▼ Special Effects

Show Special Effects 0.00s Direct Display ▼


Display Speed 5 ▼

Clear Screen Effects 0.00s Clear Now ▼

Clear Screen Speed 5 ▼

Play Time(ms) 5000

Vertical Alignment Align Center ▼

Text area background  ▼

☒ Transparent Background

Change the transition effect here

Display speed and Clear Screen Speed will increase/decrease the time of the transition  
1 = Fastest  
9 = Slowest

Play Time(ms)- the amount of milliseconds the text will display for – default is 5000ms (5 Seconds)

Untick Transparent Background, then use the colour palette

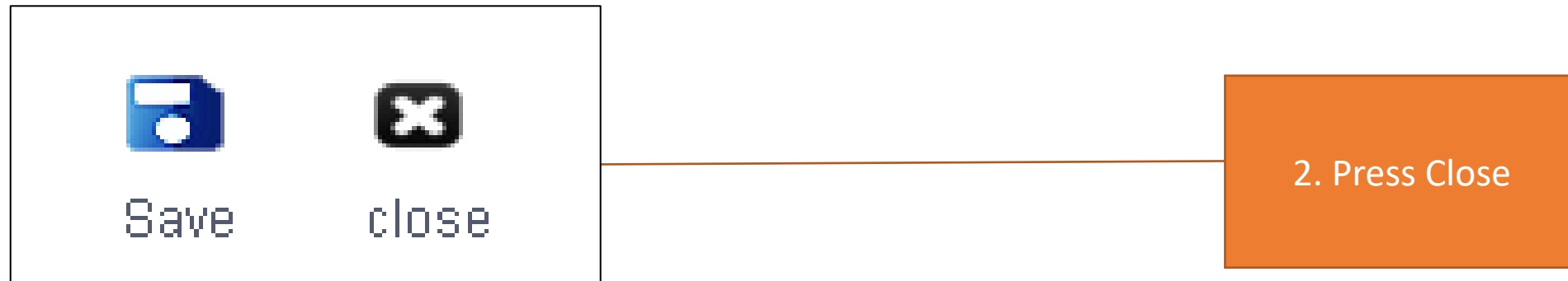
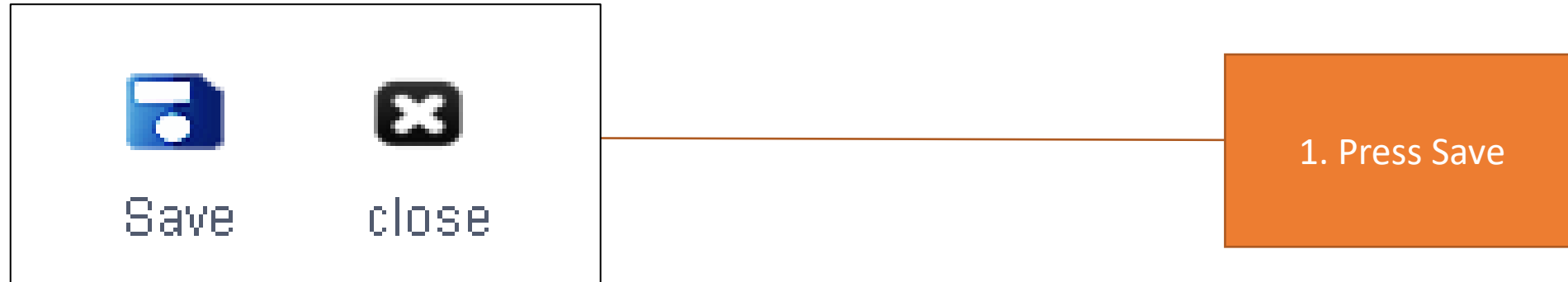
Optionally you can use **special effects** transitions. By default, these are turned off (Direct Display & Clear Now).

You can adjust the amount of time the message will display for by changing the **Play Time(ms)**

The Background colour can be changed by unticking the **Transparent Background**, then using the colour Palette

# Creating a Text message program

Once you have finished creating your message, press **Save**, and **Close**



# Releasing a Program to a LED Sign

Once we have saved our program, we will be able to see it within our program list

(Optional) If you would like to apply a schedule, select **More > Play Control**

- Selecting specific times for program to display
- Time of day
- Date range
- Specific days of the week

To send a program to a LED sign select the **Release** button

## 1. Select Playback Control

## 2. Select Release

Full color program

New program

Search for programs

search

2. Select Release

Bind to program list

release

delete

	ID	Program name	Program type	resolving power	duration (s)	creator	Modification time	Number of bou nd programs (N os.)	Play	Operation item
<input checked="" type="checkbox"/>	38356	Welcome	Full color	240x144	0	signpac_demo1	2022/11/24 12:11:59	0		<a href="#">preview</a> <a href="#">edit</a> <a href="#">Playback control more</a>

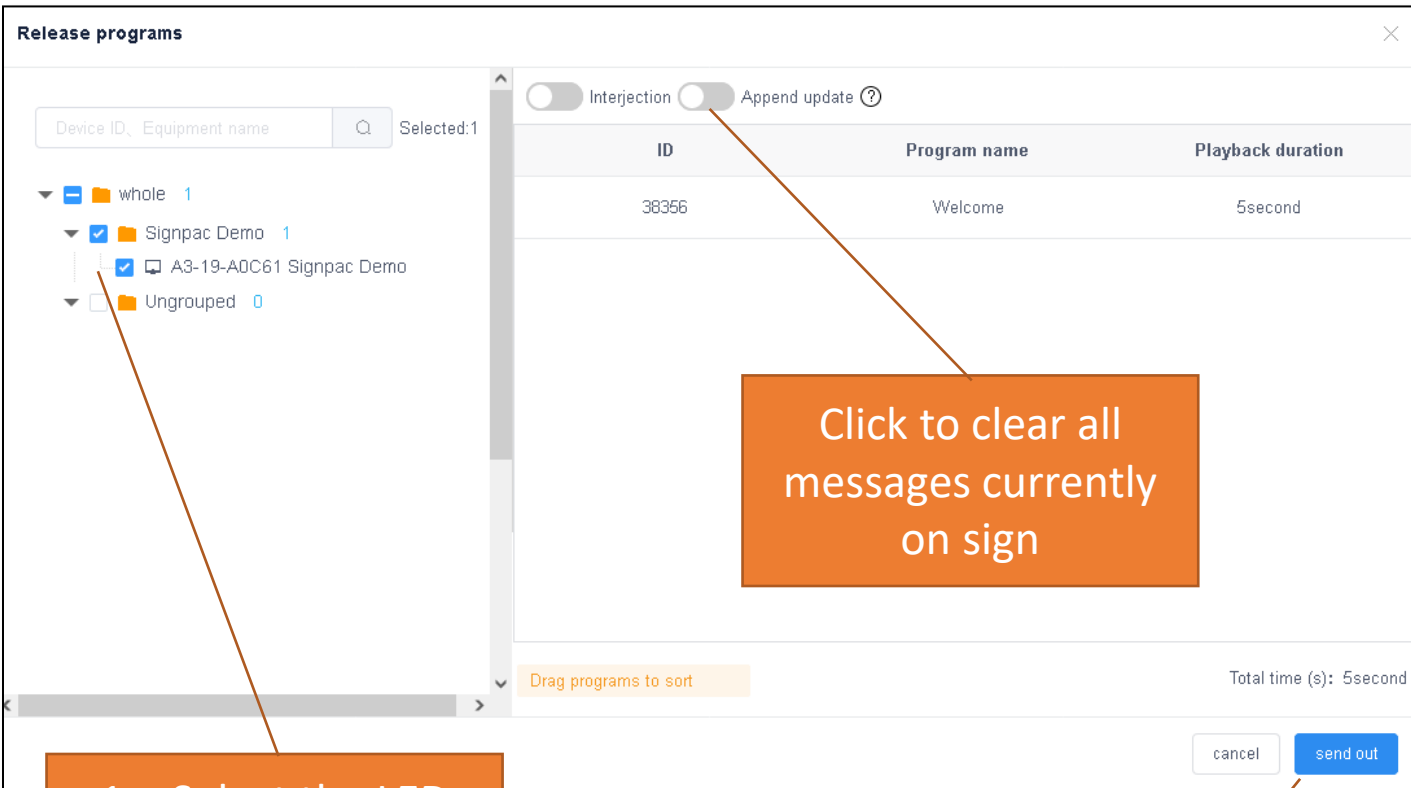
# Releasing a Program to a LED Sign

From the release window you can choose where you want to release it to. Even if there is only one LED sign on your account a selection is still needed

(Optional – **Append Update**)

Ticking this option will delete all current programs on the sign and just display the current program being released

Click **Send Out** to start release the program



1. Select the LED sign to release the program to

2. Click OK to start releasing



# Creating an Image and Video Program

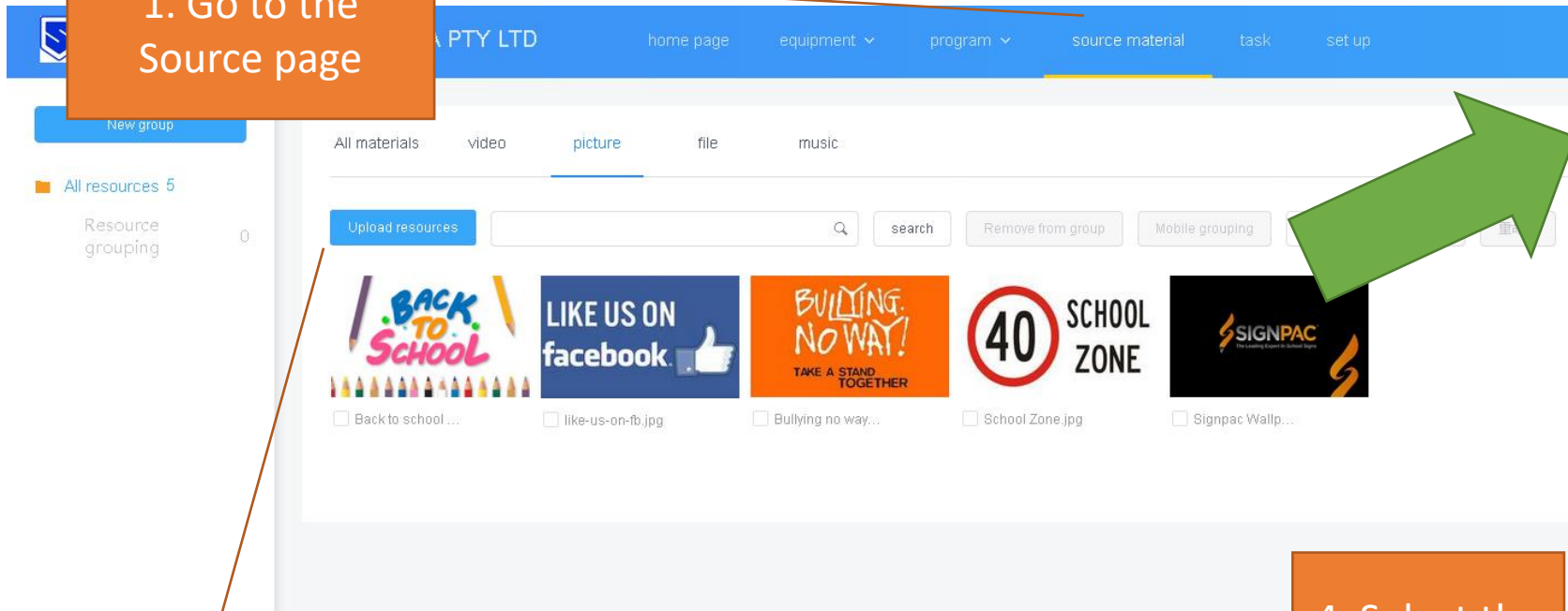


# Creating an Image or Video\* Program

Before you can make an Image or Video program, you must first upload files to the cloud on the **Source Material** page

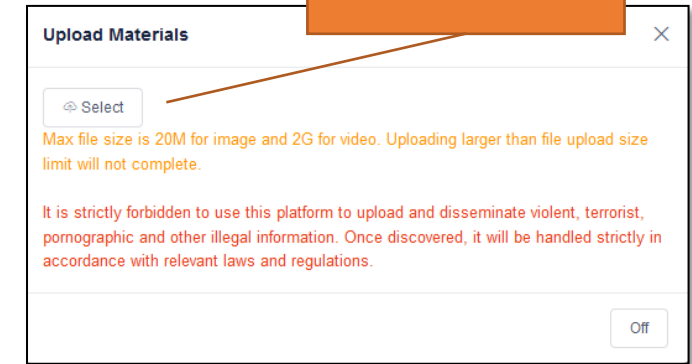
(Please do not put video messages on a screen that is on a roadway – video is only to be used for internal screens)

1. Go to the Source page

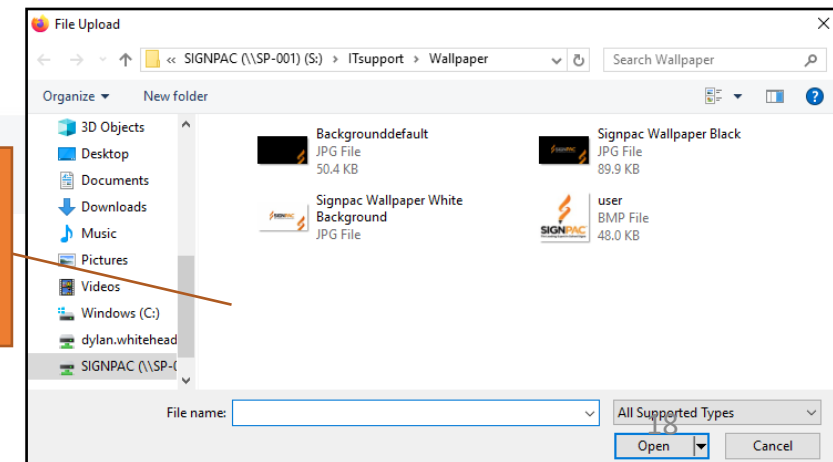


2. Click Upload Resources

3. Click Select



4. Select the files



# Creating an Image or Video Program

The Program - LED page displays a list of all the previously made programs. A Program is a message or a group of messages that can be sent to a LED sign. These are stored on your account.

To start a new program click on **Program > LED**

SCHOOL SIGNS  
SIGNPRO AUSTRALIA PTY LTD

home page equipment program source material task set up

signpac\_demo1 sign out

Full color program

New program Search for programs search

program guides  
LED  
LCD

1. Click Program > LED

	ID	Program name	Program type	resolving power	duration (s)	creator	Modification time	Number of bound programs (Nos.)	Playback control	state	Operation item
<input type="checkbox"/>	38352	Welcome	Full color	240x144	0	signpac_demo1	2022/11/24 11:49:56	0		✓	preview edit Playback control more

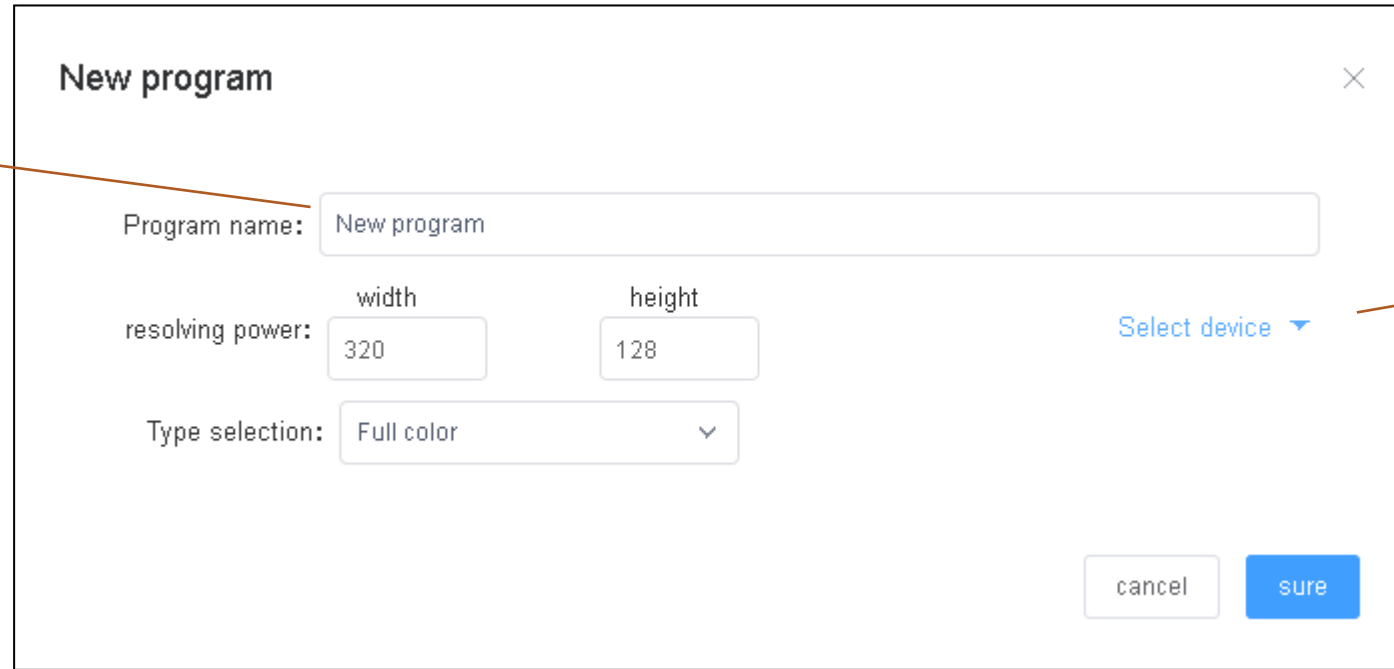
2. Click New Program

common 1 strip 1 10 Article / page

# Creating an Image or Video Program

Type in a **Program Name** – this is the reference name of what the message will contain, for example – Book Fair or Holiday message

1. Type  
Program Name



The screenshot shows a 'New program' dialog box with the following fields and controls:

- Program name:** A text input field containing 'New program'. An orange callout box labeled '1. Type Program Name' points to this field.
- resolving power:** Two input fields for 'width' (320) and 'height' (128).
- Type selection:** A dropdown menu currently set to 'Full color'.
- Select device:** A blue link with a dropdown arrow. An orange callout box labeled '2. Click select device' points to this link.
- Buttons:** 'cancel' and 'sure' buttons at the bottom right.

2. Click select  
device

# Creating an Image or Video Program

It is very important to select your sign from the device list. This will setup your program with the same size as your LED sign.

New program

Program name:

New program

resolving power:

width

240

height

144

Select device ▲

Type selection:

Full color ▼

Device ID, Equipment name

search

Device ID	Equipment name	resolving power	state
A3-19-A0C61	Signpac Demo	240x144	🔊

common 1 strip

<

1

>

25 Article / page ▼

cancel

sure

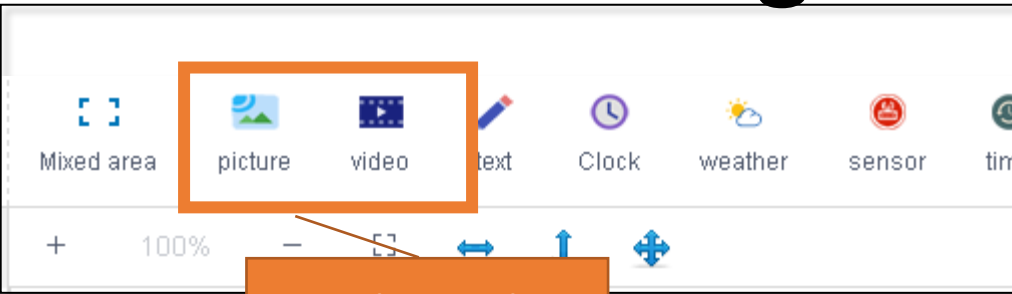
**IF THIS STEP IS SKIPPED THE MESSAGE  
WILL NOT BE ABLE TO BE SENT TO THE LED  
SIGN**

1. Click Select Device

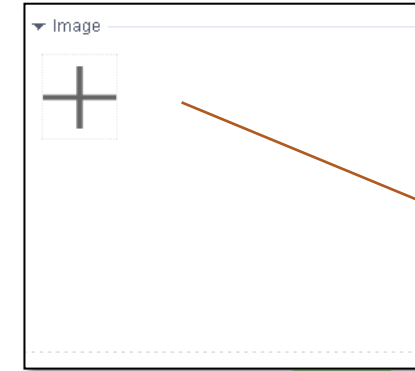
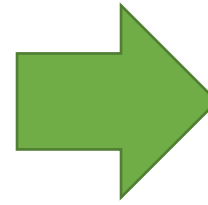
2. Select the Device

3. Click OK

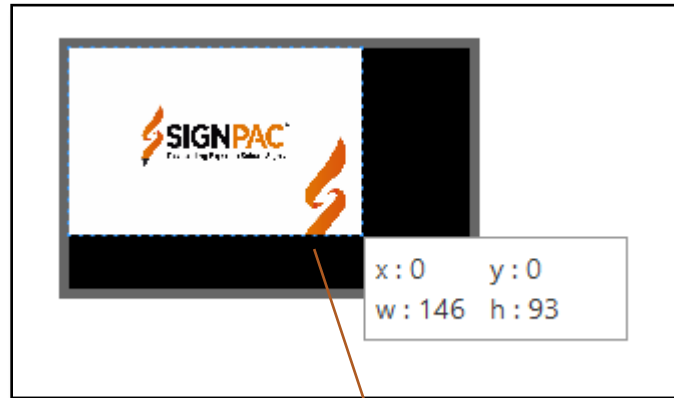
# Creating an Image or Video Program



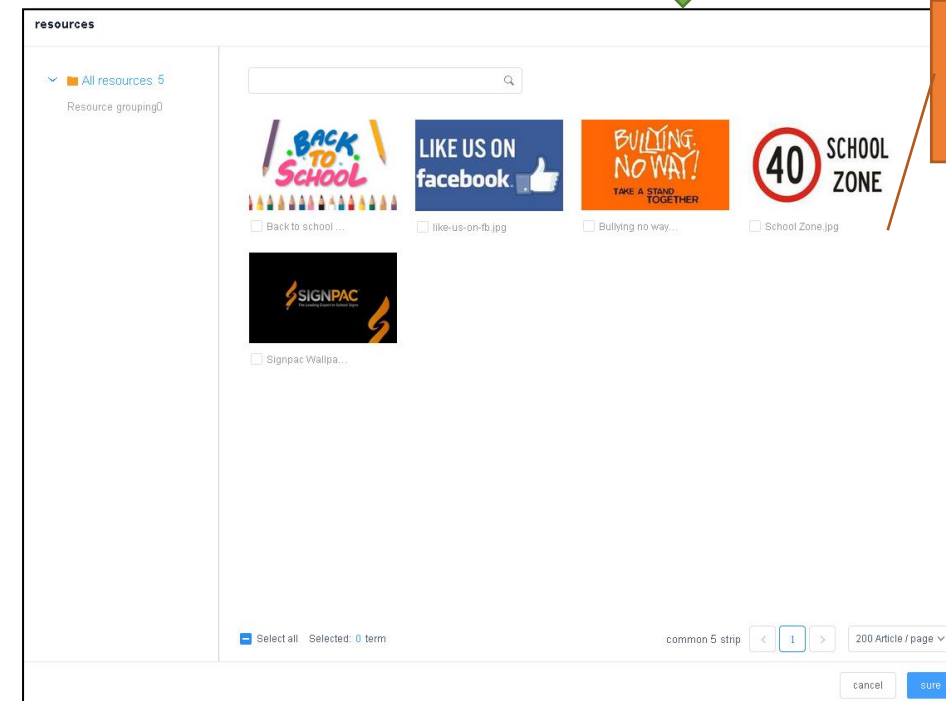
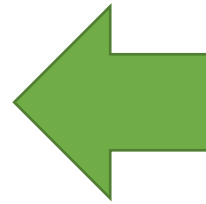
1. Select either Picture or Video



2. Click the + icon to select a picture



5. Adjust the display by clicking and dragging the window



3. Select the files

4. Click OK

# Creating a Text message program

Once you have finished creating your message, press **Save**, and **Close**



1. Press Save



2. Press Close

# Releasing a Program to a LED Sign

Once we have saved our program, we will be able to see it within our program list

(Optional) If you would like to apply a schedule, select **More > Play Control**

- Selecting specific times for program to display
- Time of day
- Date range
- Specific days of the week

To send a program to a LED sign select the **Release** button

## 1. Select Playback Control

## 2. Select Release

Full color program

New program

2. Select Release

<input checked="" type="checkbox"/>	ID	Program name	Program type	resolving power	duration (s)	creator	Modification time	Number of bou nd programs (N os.)	Play	Operation item
<input checked="" type="checkbox"/>	38356	Welcome	Full color	240x144	0	signpac_demo1	2022/11/24 12:11:59	0		<a href="#">preview</a> <a href="#">edit</a> <a href="#">Playback control more</a>



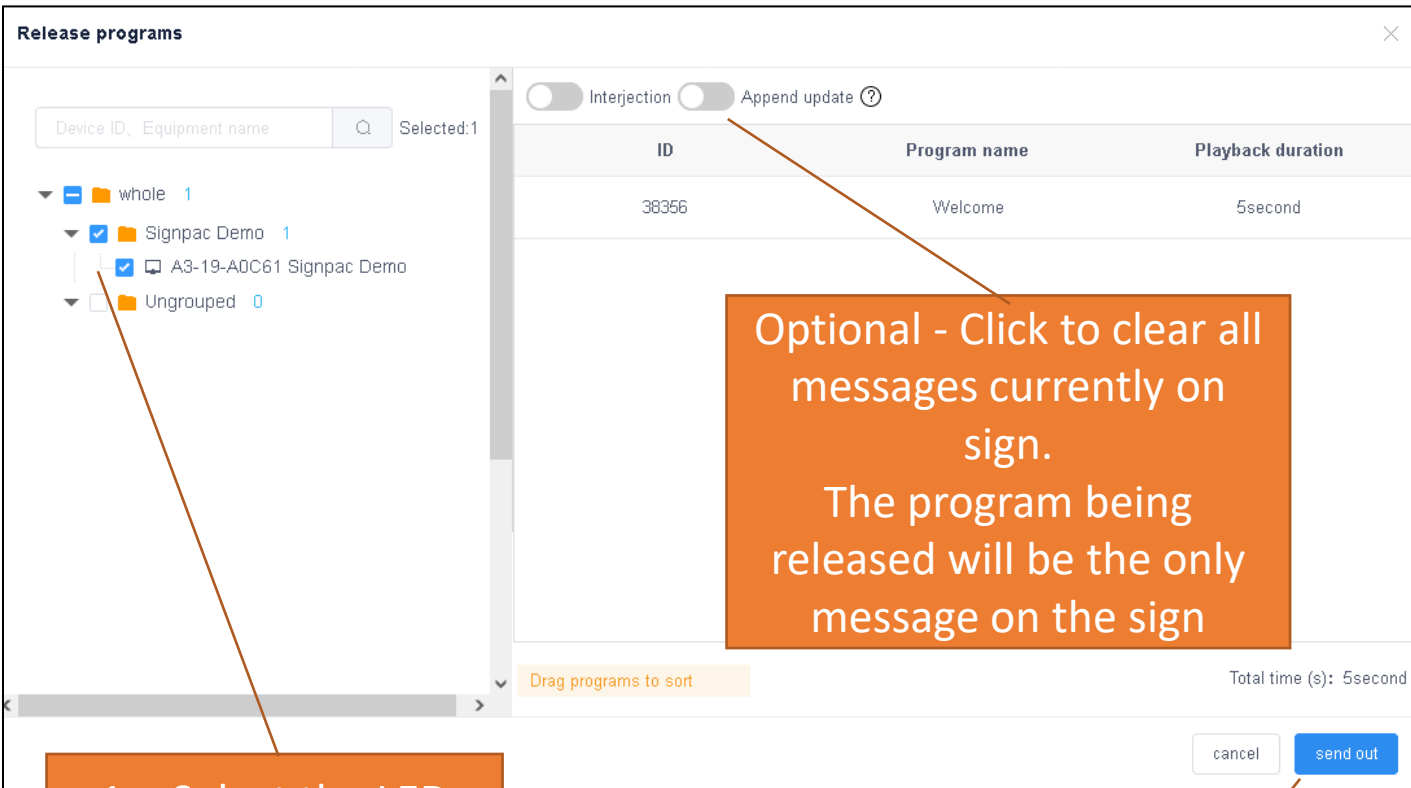
# Releasing a Program to a LED Sign

From the release window you can choose where you want to release it to. Even if there is only one LED sign on your account a selection is still needed

(Optional – **Append Update**)

Ticking this option will delete all current programs on the sign and just display the current program being released

Click **Send Out** to start release the program



1. Select the LED sign to release the program to

Optional - Click to clear all messages currently on sign.  
The program being released will be the only message on the sign

2. Click OK to start releasing

# Deleting a Program from a Led Sign



# Deleting a Program to a LED Sign

From the **Device** page, select the **Details** on the LED sign that you would like to control.

1. Select Equipment > Equipment List

2. Select Detailed

SCHOOL SIGNS  
SIGNPRO AUSTRALIA PTY LTD

home page equipment program source material task set up

Equipment grouping management

whole 1

Signpac D... 1

Ungrouped 0

1 / 1

Device ID, Equipment name

whole

Device map

Bind program list

width x height

Firmware version

Soft splicing

Device ID	Equipment name	resolving power	Firmware version	Online / offline time	program guides	Operation item
<input type="checkbox"/> A3-19-A0C61	Signpac Demo	240x144	7.4.1.0	2021/03/05 15:50:49	Unbound	<a href="#">detailed</a> <a href="#">geographical position</a> <a href="#">Historical track</a>

common 1 strip 1 200 Article / page

# Deleting a Program on a LED Sign

Select the tab that says **Program Information** This tab displays all the current programs on the selected LED sign.

Once you delete it, it typically takes **30 to 60 seconds to delete**

You need to refresh the page for it to be removed.

Note – This does not delete it from your program list, only from the device.

**Signpac Demo**

Equipment Information   Release record   **Program information**   Online and offline records

synchronization   Open screen   Screen off   more ▾

**essential information**

Device ID: A3-19-A0C61   Equipment name: Signpac De...   Online status: off-line  
Locked state: no   volume: 100%  
Remaining space: 5.5 GB   Multi screen synchronization:   close  
Screen rotation: Not selected   Key function: Screen test  
Firmware version: 7.4.1.0   resolving power: 240x144  
Switch on / off: not enabled

**time**

time zone: (utc+08:00) Beijing, Chongqi...   Daylight time: close   Automatic timing: NTP  
Timing service: ntp.huidu.cn

**brightness**

**1. Select Program Information**

Equipment Information   Release record   **Program information**   Online and offline records

delete

<input type="checkbox"/>	program	Program name	Occupied space		Operation item
<input type="checkbox"/>	1	Like us on Facebook	11 KB	detailed	2022/11/23 09:44:55   preview   delete
<input type="checkbox"/>	2	ATTENDANCE MESSAGE	16 KB	detailed	2022/11/23 09:44:55   preview   delete
<input type="checkbox"/>	3	Prep Enrolments	59 KB	detailed	2022/11/23 09:44:55   preview   delete
<input type="checkbox"/>	4	SOAR	50 KB	detailed	2022/11/23 09:42:51   preview   delete
<input type="checkbox"/>	5	Tuckshop Volunteers	2 KB	detailed	2022/11/23 09:44:54   preview   delete
<input type="checkbox"/>	6	Uniform Shop Hours	47 KB	detailed	2022/11/23 09:42:51   preview   delete
<input type="checkbox"/>	7	High Five	43 KB	detailed	2022/11/23 09:44:54   preview   delete
<input type="checkbox"/>	8	Finance Hours	57 KB	detailed	2022/11/23 09:44:54   preview   delete

**2. Click delete**

# Creating a Program List



# Creating a Program List

Creating a Program List allows you to order multiple programs into a group.

This allows you to easily change the order that programs are displayed in their rotation and mass release programs in one click

To Create a Program List -

**2. Select New Program List**

**1. Select Program > Program Guides**

**general playlist** Full color

Number of programs: 3

Total time (s): 00:00:11.000

Number of devices: 0

**Programs Table:**

ID	Program name	Program type	resolving power	duration (s)	creator	Serial number	Modification time	Operation item
38356	Welcome	Full color	240x144	5	signpac_demo1	1	2022/11/24 12:54:58	<a href="#">preview</a> <a href="#">edit</a> <a href="#">Playback control</a> <a href="#">more</a>
38396	time	Full color	240x144	6	signpac_demo1	2	2022/11/24 13:56:20	<a href="#">preview</a> <a href="#">edit</a> <a href="#">Playback control</a> <a href="#">more</a>
38383	school zone	Full color	240x144	0	signpac_demo1	3	2022/11/24 13:38:53	<a href="#">preview</a> <a href="#">edit</a> <a href="#">Playback control</a> <a href="#">more</a>

# Creating a Program List

**New program list** [X]

Program list name:

Resolution: Width  Height  [Select device ▲](#)

Type selection:  ▼

Device ID\_ Device name

Device ID	Device name	Resolution	status
A3-19-A0DAF	Signpac Demo	200x120	

Total 1 Item < 1 > 25 Item / Page ▼

1. Set a Name

2. Click Select Device

3. Select the Device

4. Click OK

# Creating a Program List

First we must link the Program List to a LED device

1. Click Bound Device

ID	Program name	Program type	resolving power	duration (s)	creator	Serial number	Modification time	Operation Item
38356	Welcome	Full color	240x144	5	signpac_demo1	1	2022/11/24 12:54:58	preview edit Playback control more
38356	time	Full color	240x144	6	signpac_demo1	2	2022/11/24 13:56:20	preview edit Playback control more
38353	school zone	Full color	240x144	0	signpac_demo1	3	2022/11/24 13:38:53	preview edit Playback control more

2. Click Add Device

Device ID	Device name	Resolution	status
-----------	-------------	------------	--------

3. Select your Device

Device name Search Selected:0

▼ ☐ All 1

▼ ☐ signpac\_demo 1

☐ A3-19-A0DAF Signpac Demo

☐ Ungrouped 0

Cancel OK

4. Press OK



# Creating a Program List

general playlist Full color

Number of programs: 3

Total time (s): 00:00:11.000

Number of devices: 0

[New program](#) [Add program](#) [Unbind](#)  [search](#) [Move up](#) [Move down](#) [day setting](#) [Interjection](#) [release](#) [Sync listings](#) [Bound device](#)

<input type="checkbox"/>	ID	Program name	Program type	resolving power	duration (s)	creator	Serial number	Modification time	Num	Operation item
<input type="checkbox"/>	38356	Welcome	Full color	240x144	5	signpac_demo1	1	2022/11/24 12:54:58		<a href="#">preview</a> <a href="#">edit</a> <a href="#">Playback control more</a>
<input type="checkbox"/>	38396	time	Full color	240x144	6	signpac_demo1	2	2022/11/24 13:56:20		<a href="#">preview</a> <a href="#">edit</a> <a href="#">Playback control more</a>
<input type="checkbox"/>	38383	school zone	Full color	240x144	0	signpac_demo1	3	2022/11/24 13:38:53		<a href="#">preview</a> <a href="#">edit</a> <a href="#">Playback control more</a>

1. Add the programs to the list

Add program

<input checked="" type="checkbox"/>	ID	Program name	Type	Resolution
<input checked="" type="checkbox"/>	200370	Signpac Message	Full color	200x120
<input checked="" type="checkbox"/>	200368	new text message	Full color	200x120
<input checked="" type="checkbox"/>	200230	Picture	Full color	200x120
<input checked="" type="checkbox"/>	200211	Announcement Message	Full color	200x120

Total 4 items < 1 > 25 Item / Page

[Cancel](#) [OK](#)

2. Highlight the programs to add

3. Click OK

You can also start a new program from the playlist page. Click on **New Program** create a new program that will automatically be added to the playlist

# Creating a Program List

**SCHOOL SIGNS** SIGNPRO AUSTRALIA PTY LTD

home page equipment ▾ program ▾ source material task set up

signpac\_demo1 sign out

New program list

general playlist

general playlist Full color

rename Delete program list

3 Number of programs

00:00:11.000 Total time (s)

0 Number of devices

New program Add program Unbind Program name search Move up Move down day setting Interjection release Sync listings Bound device

<input type="checkbox"/>	ID	Program name	Program type	resolving power	duration (s)	creator	Serial number	Modification time	Num pr	Operation item
<input type="checkbox"/>	38256	Welcome	Full color	240x144	5	signpac_demo1	1	2022/11/24 12:54:58		<a href="#">preview</a> <a href="#">edit</a> <a href="#">Playback control</a> <a href="#">more</a>
<input type="checkbox"/>			Full color	240x144	6	signpac_demo1	2	2022/11/24 13:56:20		<a href="#">preview</a> <a href="#">edit</a> <a href="#">Playback control</a> <a href="#">more</a>
<input type="checkbox"/>		one	Full color	240x144	0	signpac_demo1	3			

1. Change the order of the list  
Select a program then click either  
move up or move down

2. Click Sync Listings to send to the  
playlist to the LED signs that are  
bound to the list