

LED Cloud Tutorial

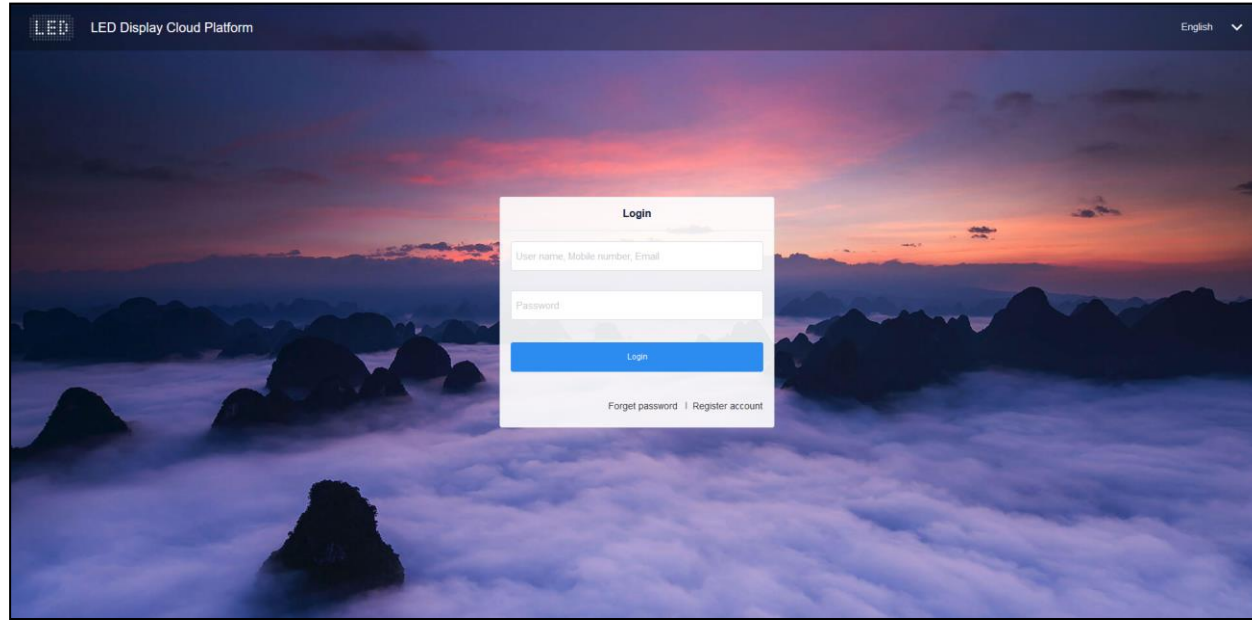


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Login Page



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

led-cloud.com.au

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 right of the page to explore the platform

Device – 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 – For making and sending messages that will display on a LED Sign. A program contains text, images, videos, clock or temperature

Source – 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.

Settings – Displays information about your LED Cloud account.

Creating a text message program



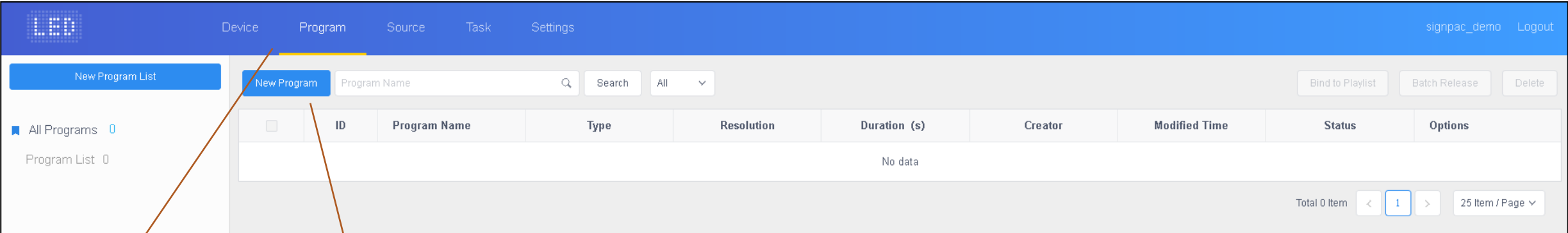
Creating a Text message program

The Program 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 **New Program**



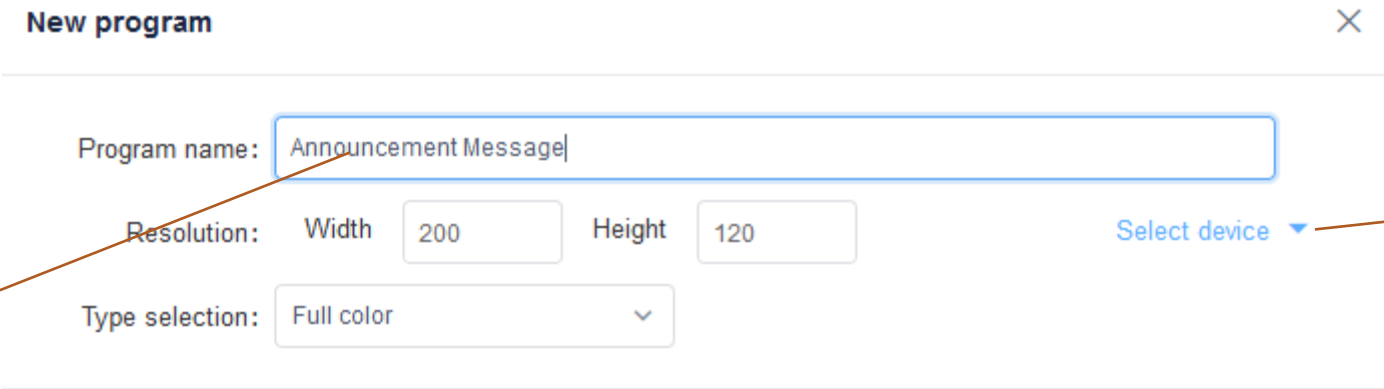
The screenshot shows the 'LED' management interface. The top navigation bar includes 'Device', 'Program', 'Source', 'Task', and 'Settings'. The 'Program' tab is selected. On the left, there is a sidebar with 'New Program List' and 'All Programs 0'. The main content area features a 'New Program' button, a search bar, and a table with columns: ID, Program Name, Type, Resolution, Duration (s), Creator, Modified Time, Status, and Options. The table currently shows 'No data'. At the bottom right, there are pagination controls showing 'Total 0 Item', page '1', and '25 Item / Page'.

1. Click Program

2. Click New Program

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



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

- Program name:** A text input field containing 'Announcement Message|'. An orange callout box labeled '1. Type Program Name' points to this field.
- Resolution:** Two input fields for 'Width' (200) and 'Height' (120).
- Type selection:** A dropdown menu currently set to 'Full color'.
- Select device:** A blue button with a dropdown arrow. An orange callout box labeled '2. Click select device' points to this button.
- Buttons:** 'Cancel' and 'OK' buttons at the bottom right.

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:

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

**IF THIS STEP IS SKIPPED THE MESSAGE
WILL NOT SEND TO THE LED SIGN**

1. Click Select Device

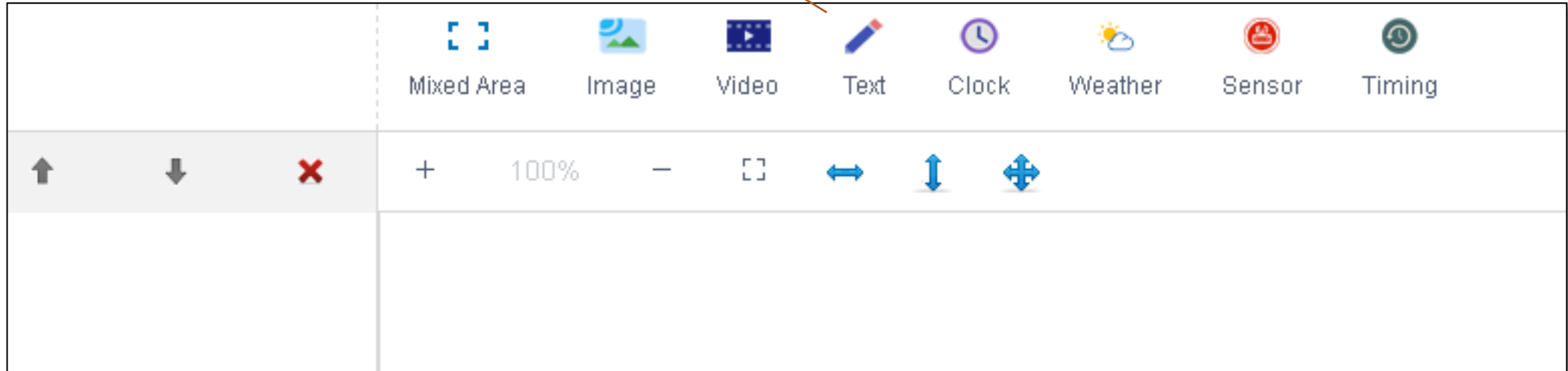
2. Select the Device

3. Click OK

Creating a Text message program

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

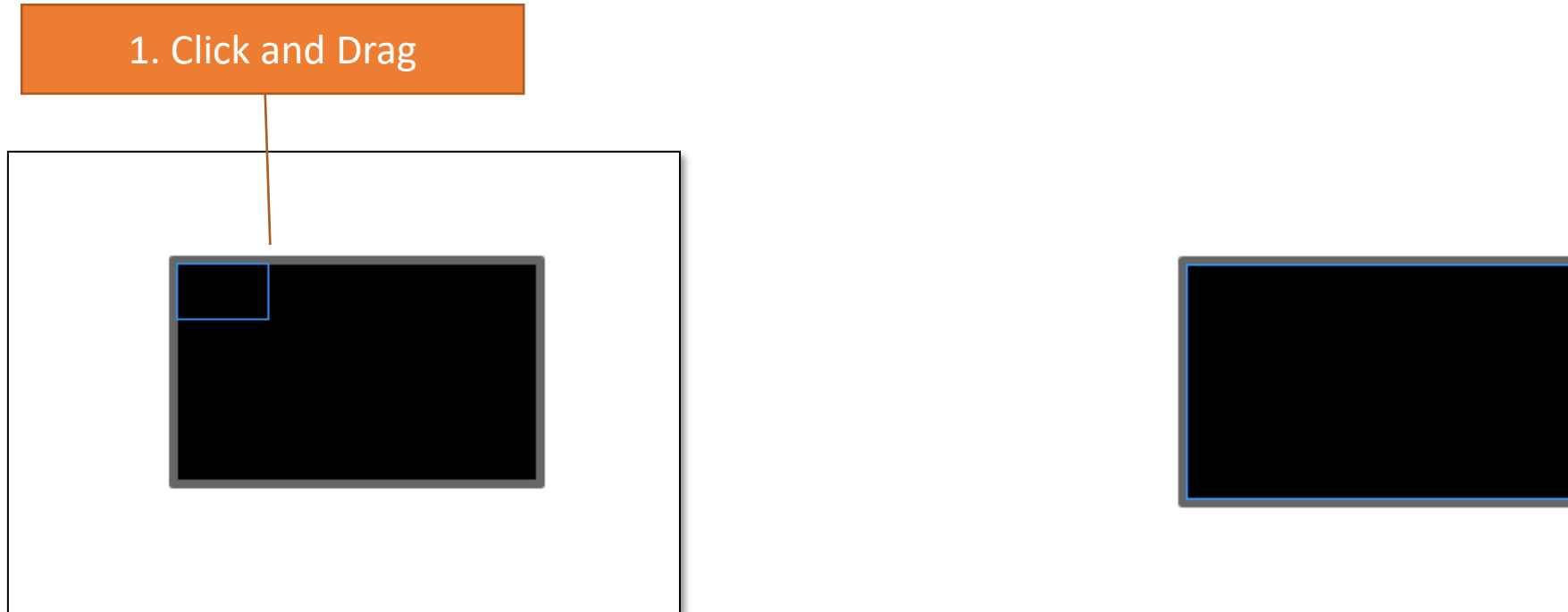
1. Click Text



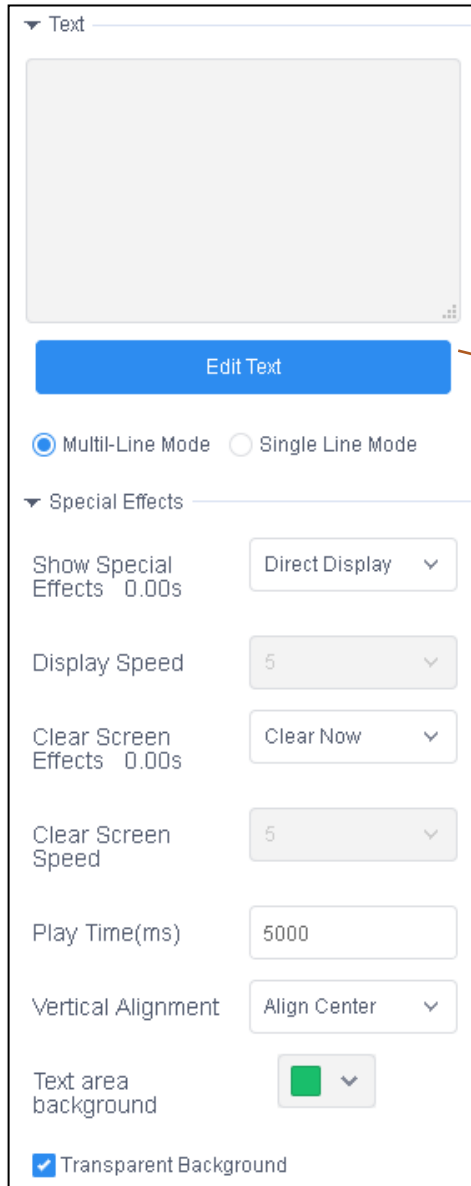
Creating a Text message program

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

If



Creating a Text message program



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

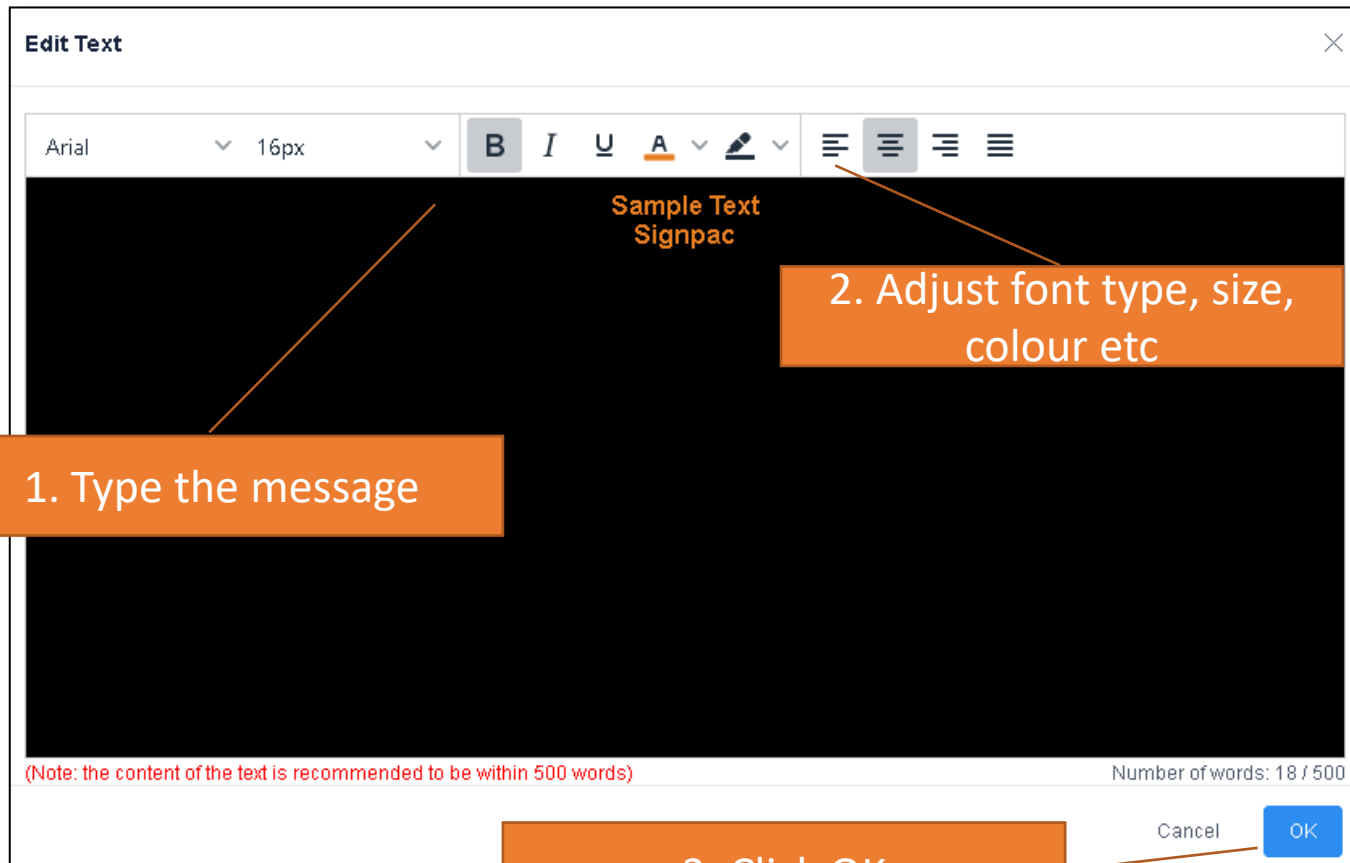
1. Press Edit Text

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

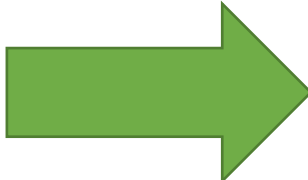
If additional changes are needed you can return to the Edit Text screen by clicking the **Edit Text** button again



1. Type the message

2. Adjust font type, size, colour etc

3. Click OK



4. Check that the text fits on the preview window

Creating a Text message program

The screenshot 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 dropdown menus 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)' input field set to '5000'. Further down are 'Vertical Alignment' (set to 'Align Center') and 'Text area background' (set to a green color). At the bottom, there is a checked checkbox for 'Transparent Background'. Five orange callout boxes with lines pointing to specific elements provide instructions: 1. Points to the 'Special Effects' section: '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)' input 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'.

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**



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

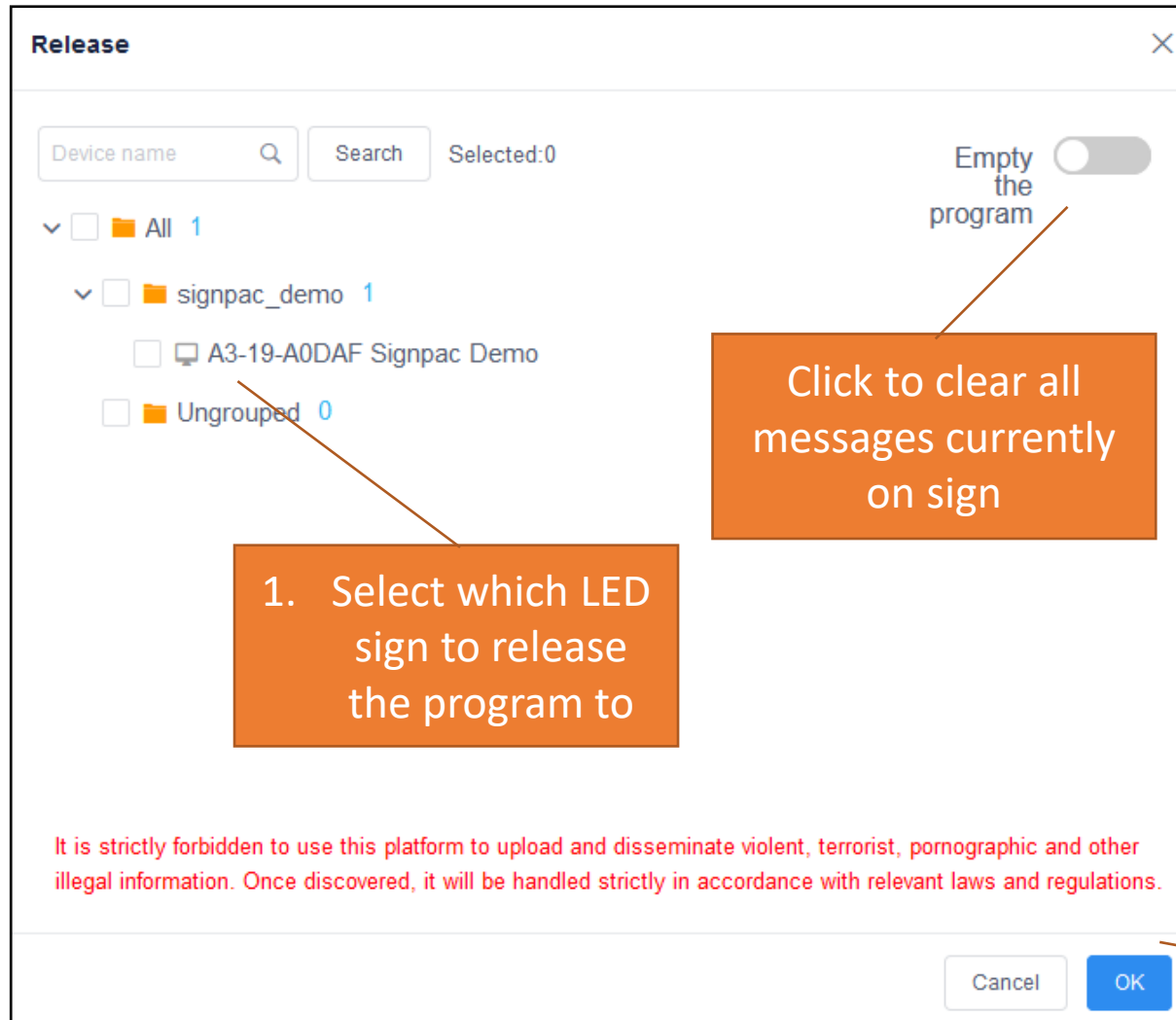
1. Select
More > Play Control

2. Select Release

The screenshot displays a web interface for managing programs. At the top, there is a 'New program' button, a search bar with 'Program name' and a magnifying glass icon, and a dropdown menu set to 'All'. Below this is a table with columns: ID, Program name, Type, Resolution, Duration (s), Cr, status, and Options. Two programs are listed: 'Announcement Message' (ID 200211, Full color, 200x120, 5s) and 'Signpac Message' (ID 192828, Full color, 200x120, 6s). The 'status' column shows green checkmarks for both. The 'Options' column for the first program shows 'Preview', 'Edit', 'Release', and 'More' buttons. A dropdown menu is open for the 'More' button, showing 'Rename', 'Play control', and 'Release history' options. At the bottom right, there is a pagination control showing 'Total 2 Items' and a page number '1'.

ID	Program name	Type	Resolution	Duration (s)	Cr	status	Options
200211	Announcement Message	Full color	200x120	5	signpac_demo1	2020/07/06 11:43:56	Preview Edit Release More
192828	Signpac Message	Full color	200x120	6	signpac_demo1	2020/07/06 10:09:29	Preview Edit Release More

Releasing a Program to a LED Sign



1. Select which LED sign to release the program to

Click to clear all messages currently on sign

2. Click OK to start releasing

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 – **Empty the Program**)

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

Click **OK** to start release the program

Creating an Image and Video Program

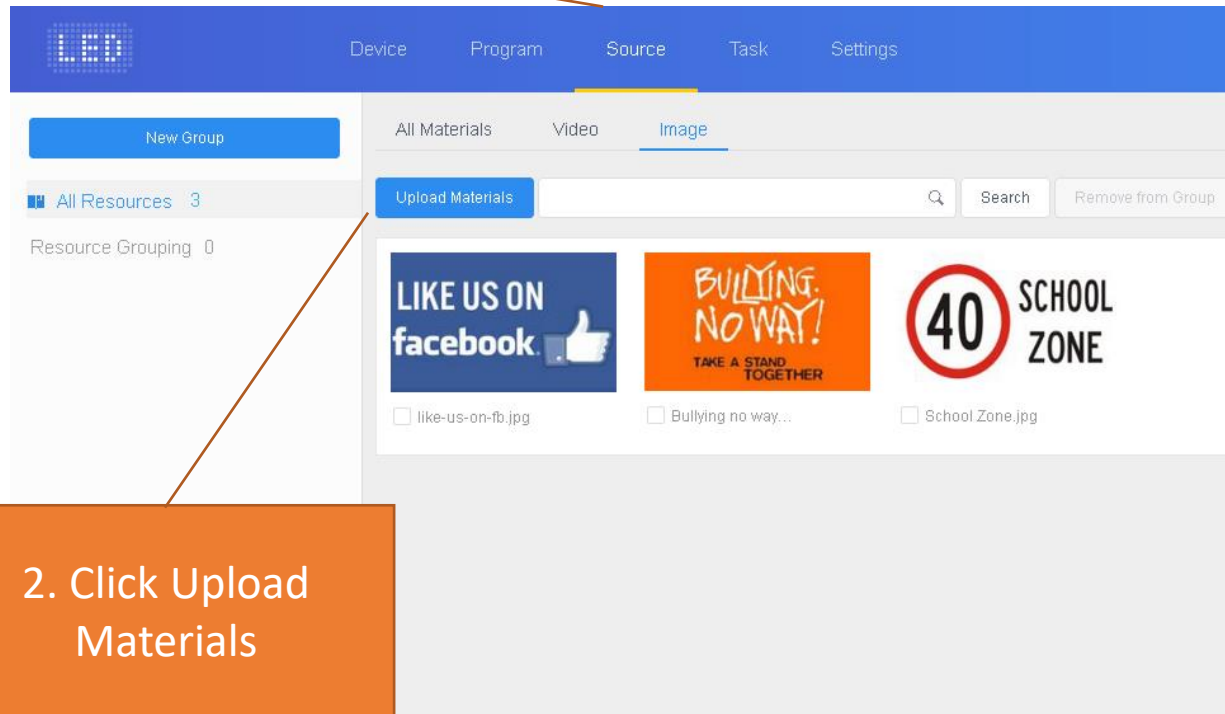


Creating an Image or Video* Program

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

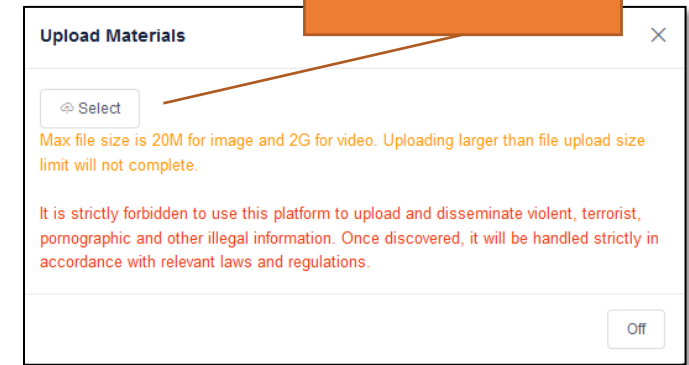
(Please do not put video messages on a screen that is on a roadway – video is only to be used for internal screens)

1. Go to the Source page

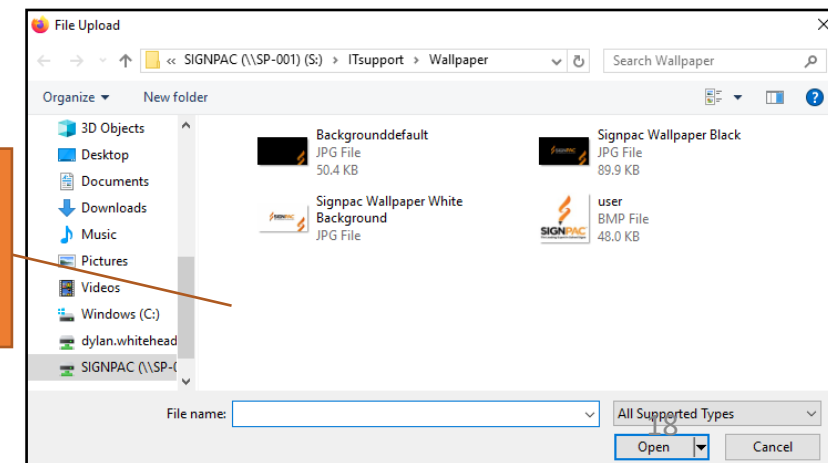


2. Click Upload Materials

3. Click Select



4. Select the files



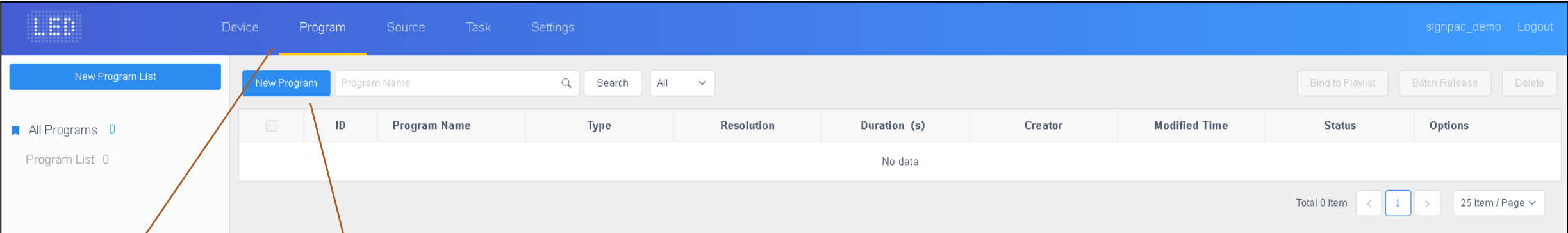
Creating an Image or Video Program

The Program 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 **New Program**



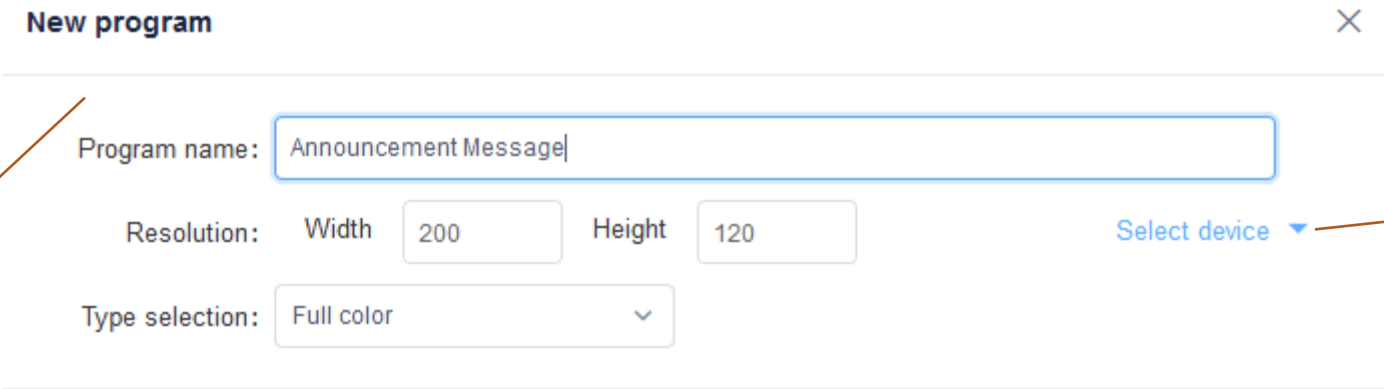
The screenshot shows the 'LED' control interface. The top navigation bar includes 'Device', 'Program', 'Source', 'Task', and 'Settings'. The 'Program' tab is selected. On the left, there is a sidebar with 'New Program List' and 'All Programs 0'. The main area features a 'New Program' button, a search bar, and a table with columns: ID, Program Name, Type, Resolution, Duration (s), Creator, Modified Time, Status, and Options. The table currently shows 'No data'. At the bottom right, there are pagination controls showing 'Total 0 Item', page '1', and '25 Item / Page'.

1. Click Program

2. Click New Program

Creating an Image or Video Program

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



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

- Program name:** A text input field containing 'Announcement Message|'. A callout box labeled '1. Type Program Name' points to this field.
- Resolution:** Two input fields for 'Width' (200) and 'Height' (120).
- Type selection:** A dropdown menu currently set to 'Full color'.
- Select device:** A blue button with a dropdown arrow. A callout box labeled '2. Click select device' points to this button.
- Buttons:** 'Cancel' and 'OK' buttons at the bottom right.

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:

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

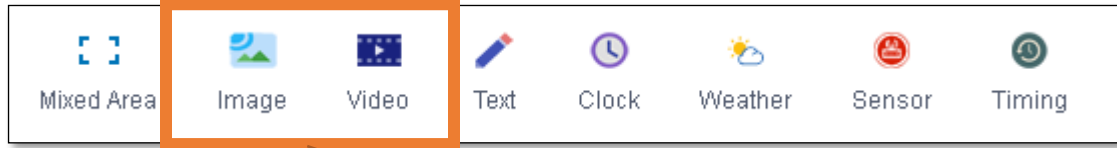
**IF THIS STEP IS SKIPPED THE MESSAGE
WILL NOT SEND TO THE LED SIGN**

1. Click Select Device

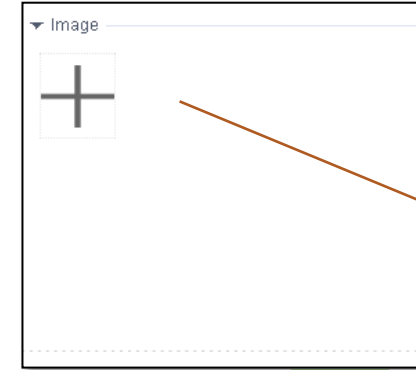
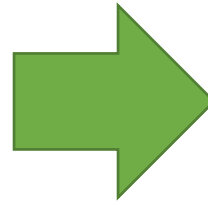
2. Select the Device

3. Click OK

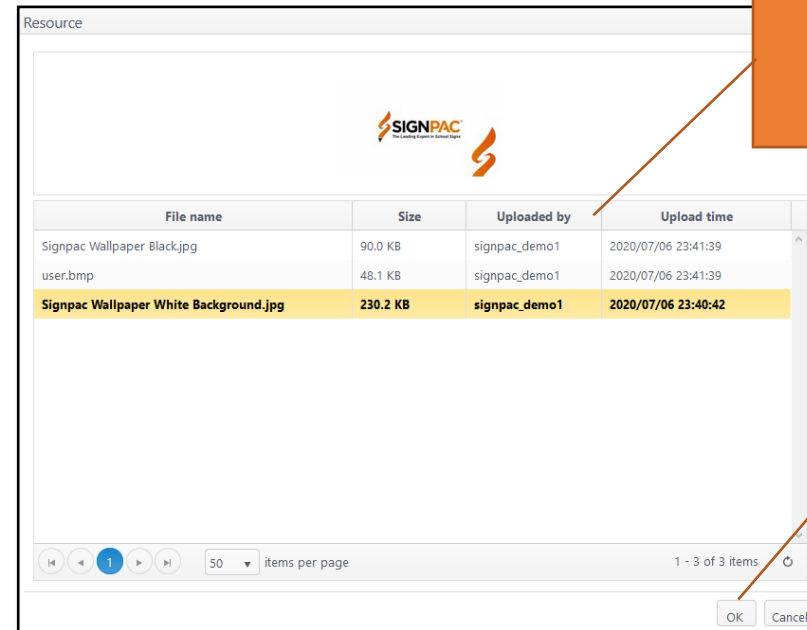
Creating an Image or Video Program



1. Select either Image or Video

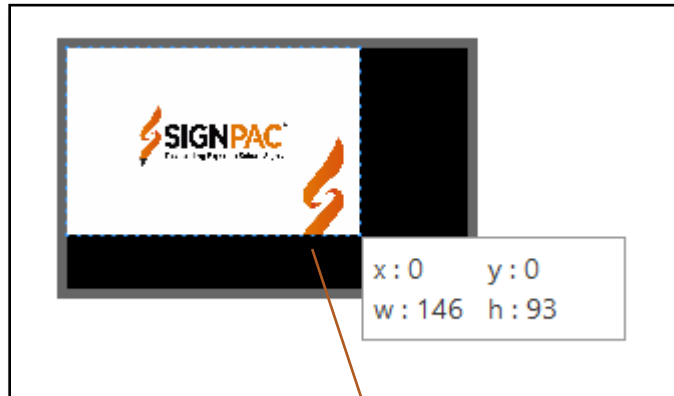


2. Click the + icon to select a picture

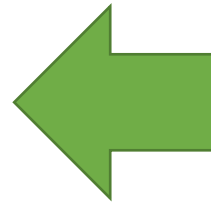


3. Select the files

4. Click OK

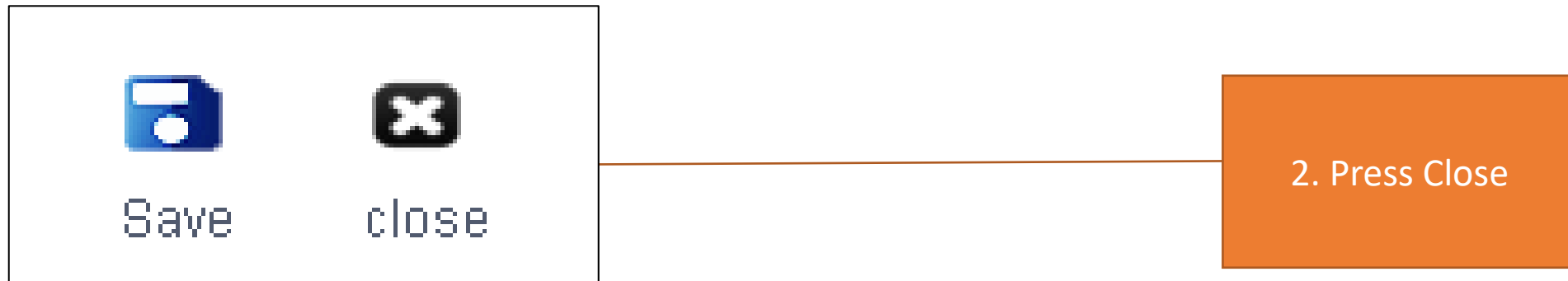
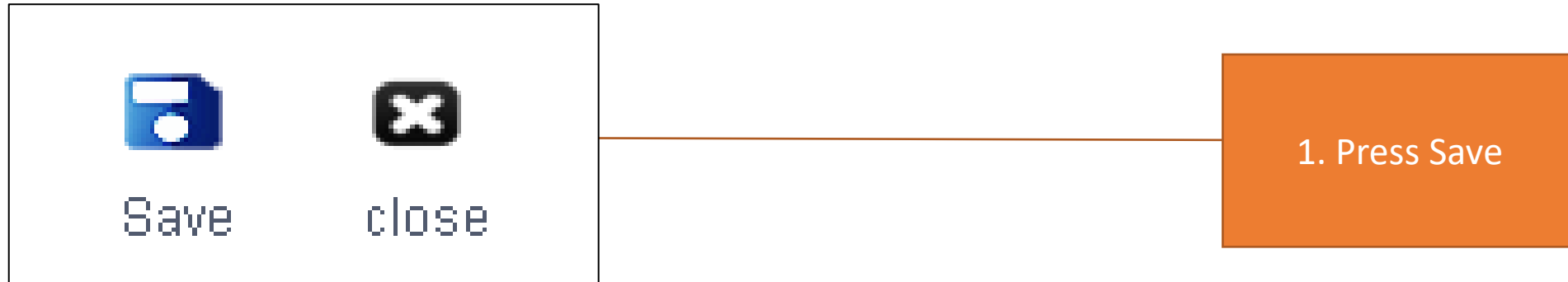


5. Adjust the display by clicking and dragging the window



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

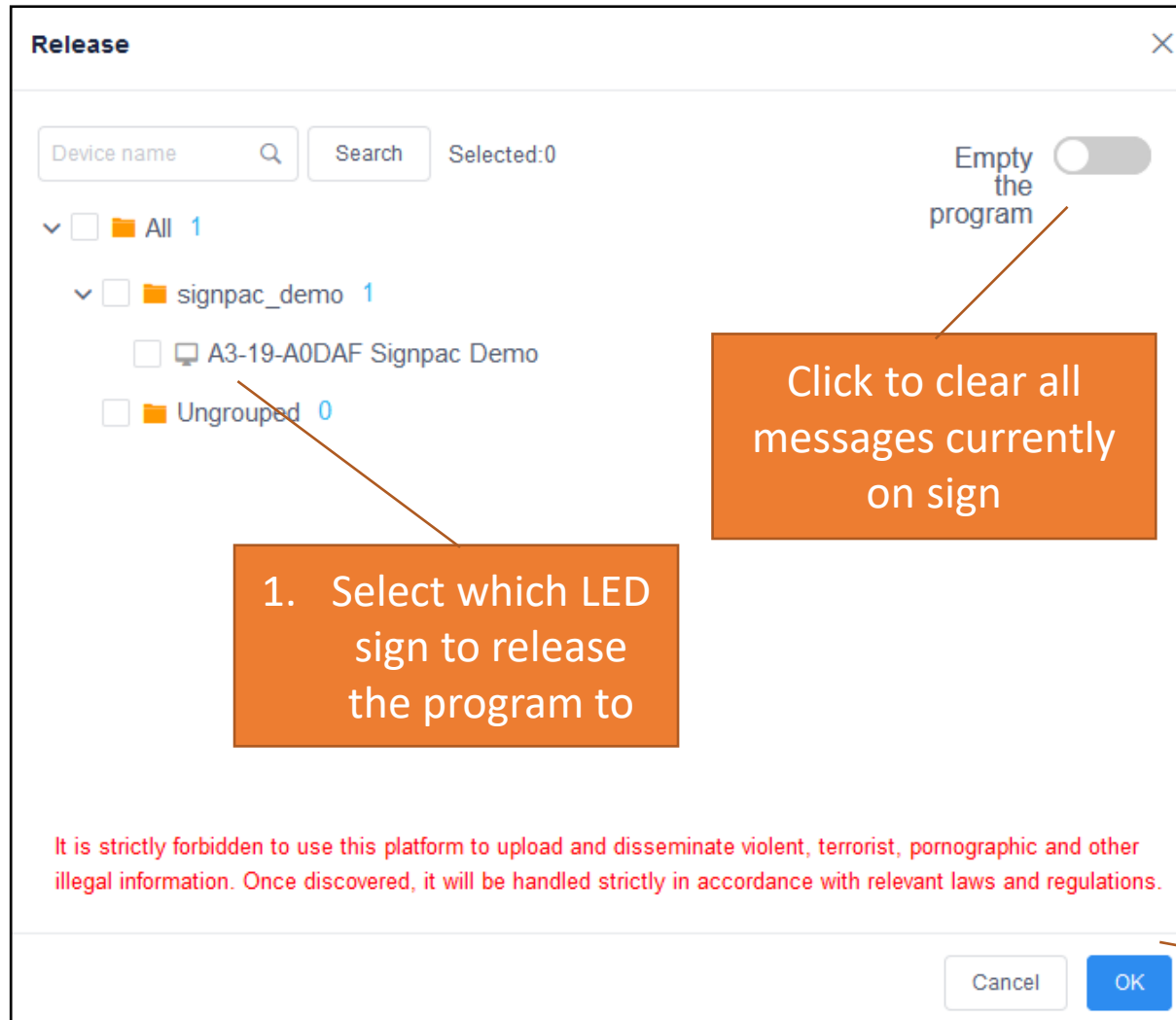
1. Select More > Play Control

2. Select Release

The screenshot shows a web interface for managing programs. At the top, there is a 'New program' button, a search bar with 'Program name' and a search icon, and a filter dropdown set to 'All'. On the right, there are buttons for 'Bind to playlist', 'Batch release', and 'Delete'. Below this is a table with columns: ID, Program name, Type, Resolution, Duration (s), Cr, status, and Options. Two programs are listed: 'Announcement Message' (ID 200211, 5s) and 'Signpac Message' (ID 192828, 6s). The 'More' button in the 'Options' column of the second row is highlighted, and a dropdown menu is open showing 'Rename', 'Play control', and 'Release history'. The 'Release' button in the 'Options' column of the first row is also highlighted.

ID	Program name	Type	Resolution	Duration (s)	Cr	status	Options
200211	Announcement Message	Full color	200x120	5	signpa...56	✓	Preview Edit Release More
192828	Signpac Message	Full color	200x120	6	signpac_demo1	2020/07/06 10:09:29	✓ Preview Edit Release More

Releasing a Program to a LED Sign



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

(Optional – **Empty the Program**)

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

Click **OK** to start release the program

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 Device

2. Select Details

The screenshot displays the 'Device List' page in a management interface. The top navigation bar includes 'Device', 'Program', 'Material', 'Task', and 'Settings'. The user is logged in as 'signpac_demo1'. On the left, there is a sidebar for 'Device group management' with a tree view showing 'All 1' and a sub-group 'signpac_d...' with 1 device. The main content area features a search bar and a table with the following data:

Device ID	Device name	Resolution	Firmware version	Active time	Program list	Options
<input type="checkbox"/> A3-19-A0DAF	Signpac Demo	200x120	7.2.5.0	2020/05/25 14:32:20	Playlist	Details

Additional interface elements include 'Delete' and 'Bind program list' buttons, 'Time correction' and 'Brightness setting' buttons, and a pagination bar at the bottom showing 'Total 1 Item', page '1', and '200 Item / 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 may need to refresh the page for it to be removed.

2. Click delete

The screenshot shows the 'Program Information' tab in the LED sign management system. The interface includes a navigation menu on the left with 'Program information' selected, a 'Delete' button at the top, and a table of programs. An orange callout box points to the 'Delete' button in the table, and another orange callout box points to the 'Program information' tab in the navigation menu.

<input type="checkbox"/>	Program	Program name	Size	Schedule	Updated time	Options
<input type="checkbox"/>	1	School Security	1.7 KB	Details	2020/02/03 09:20:24	Preview Delete
<input type="checkbox"/>	2	Welcome	2.7 KB	Details	2019/12/16 13:33:59	Preview Delete
<input type="checkbox"/>	3	Zone Swimming Carnival	1.8 KB	Details	2020/03/06 09:06:39	Preview Delete
<input type="checkbox"/>	4	School Photos	2.0 KB	Details	2020/02/10 13:02:15	Preview Delete
<input type="checkbox"/>	5	Time	29.6 KB	Details	2020/03/06 09:06:51	Preview Delete
<input type="checkbox"/>	6	Leaders	38.4 KB	Details	2020/02/21 10:12:10	Preview 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 and mass release programs in one click

To Create a Program List -

The screenshot shows the LED control interface with a table of programs. An orange callout box points to the 'New program list' button with the text '1. Select New Program List'.

ID	Program name	Type	Resolution	Duration (s)	Creator	Modified time	status	Options
200370	Signpac Message	Full color	200x120	5	signpac_demo1	2020/07/07 15:42:09	✓	Preview Edit Release More
200368	new text message	Full color	200x120	5	signpac_demo1	2020/07/07 11:45:20	✓	Preview Edit Release More
200230	Picture	Full color	200x120	0	signpac_demo1	2020/07/06 14:04:21	✓	Preview Edit Release More
200211	Announcement Message	Full color	200x120	5	signpac_demo1	2020/07/06 11:43:56	✓	Preview Edit Release More

Creating a Program List

The screenshot shows a 'New program list' dialog box with the following elements:

- 1. Set a Name:** A callout box pointing to the 'Program list name' input field, which contains the text 'My Playlist'.
- 2. Click Select Device:** A callout box pointing to the 'Select device' link.
- 3. Select the Device:** A callout box pointing to the radio button in the 'status' column of the table row for 'Signpac Demo'.
- 4. Click OK:** A callout box pointing to the 'OK' button at the bottom right of the dialog.

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

Type selection: ▼

Device ID, Device name

Device ID	Device name	Resolution	status
A3-19-A0DAF	Signpac Demo	200x120	<input checked="" type="radio"/>

Total 1 Item ▼

Creating a Program List

First we must link the Program List to a LED device

1. Click Bound Device

The screenshot shows the main interface of the LED control software. At the top, there is a navigation bar with 'Device', 'Program', 'Material', 'Task', and 'Settings'. Below this, the 'My Playlist' section is active, showing 'Number of programs 0', 'Total duration 0', and 'Number of devices 0'. A 'Bound device' button is visible in the bottom right corner of the main content area, with an orange callout box pointing to it.

2. Click Add Device

The 'Bound device' dialog box is shown, featuring a search bar and a table with columns for 'Device ID', 'Device name', 'Resolution', and 'status'. The 'Add device' button is highlighted with an orange callout box.

3. Select your Device

The 'Binding device' dialog box is shown, displaying a list of devices under the 'signpac_demo 1' group. The device 'A3-19-A0DAF Signpac Demo' is selected. The 'OK' button is highlighted with an orange callout box.

4. Press OK

Creating a Program List

1. Add the programs to the list

<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 v

Cancel OK

2. Highlight the programs to add

3. Click OK

Creating a Program List

LED

Device Program Material Task Settings

signpac_demo1 Logout

New program list

My Playlist Full color Delete program list

Number of programs 4 Total duration 00:00:15.000 Number of devices 1

New program Add program Unbind Program name Search Delete Move up Move down Batch release Synchronized play list Bound device

<input type="checkbox"/>	ID	Program name	Type	Resolution	Duration (s)	Creator	Serial number	Modified time	Status	Options
<input type="checkbox"/>	200370	Signpac Message	Full color	200x120	5	signpac_demo1	1	2020/07/07 15:42:09	✓	Preview Edit Release More
<input type="checkbox"/>	200368	new text message	Full color	200x120	5	signpac_demo1	2	2020/07/07 11:45:20	✓	Preview Edit Release More
<input type="checkbox"/>	200230	Picture	Full color	200x120	0	signpac_demo1	3	2020/07/06 14:04:21	✓	Preview Edit Release More
<input type="checkbox"/>	200211	Announcement Message	Full color	200x120	5	signpac_demo1	4	2020/07/06 11:43:56	✓	Preview Edit Release More

1. Change the order of the list if needed

2. Click Synchronized to send to the LED signs that are bound