

dynamic ZM

Dynamic Zone Mimic®



User Guide

Issue DZM-2401-U



Issue History

Issue	Date
DZM-2401-U	15 th January 2025

For the latest document, go to www.dynamiczm.com

Table of contents

<u>Page</u>	
4	1. dynamicZM overview
5	2. Normal operation / Fire Alarm activations
7	3. Testing dynamicZM
8	4. Media & scheduling options
9	5. Fault guide
11	6. Media troubleshooting

Section 1 – dynamicZM overview

Installation Name	
-------------------	--

Installed by:	
---------------	--

Web	
-----	--

Tel	
-----	--

Maintained by:	
----------------	--

Web	
-----	--

Tel	
-----	--

Media

Pre-installed	<input type="checkbox"/>
Managed online - Yodeck	<input type="checkbox"/>
Managed online - Other	<input type="checkbox"/>

Media content manager	
Email	
Tel	

Section 2 – Normal operation / Fire Alarm activations



During normal operation, your dynamicZM will display your chosen media during hours set by a schedule. The media and schedule are either set during the installation of the dynamicZM, or if an internet connection is provided then the media and schedule can be controlled remotely online.

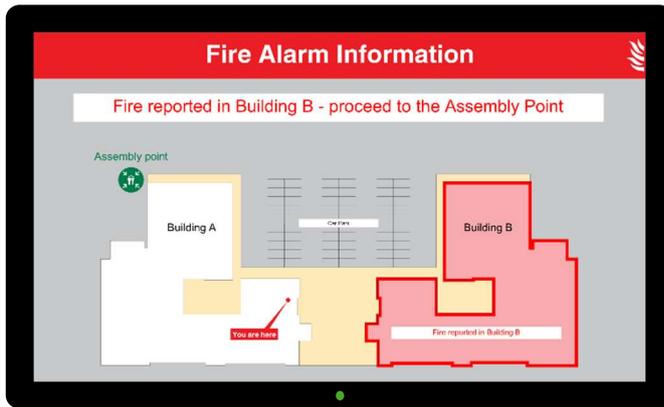
See section 4 for media options.



On activation of a fire alarm in your premises, dynamicZM will automatically display the zones (areas) where the fire has been reported and highlights the zone of origin. Once the fire alarm has been cleared and the system reset, dynamicZM will return to the scheduled media display automatically.



If the fire alarm has been activated by pressing the **Evacuate** button on the control panel, dynamicZM will display this image automatically.



If the fire alarm has been activated from a link to another fire alarm system, perhaps a neighbouring building or the main fire alarm for your shopping centre, dynamicZM will display a custom notification for your premises.



If the fire alarm has been activated by another emergency system (non-fire), dynamicZM will display a custom notification for your premises.

Section 3 – Testing dynamicZM



dynamicZM has a test facility to check that the building plan is correct and ready for activation by the fire alarm system. Activating the test mode **does not** activate the fire alarm control panel or sounders in your building. Switch the test switch only once. When activated, the test mode will self-reset after approximately 60 seconds.

Your test point may not be close to dynamicZM, may be at high level or may be in a different room/location. Your test point is likely to be similar to the image shown, labelled as 'dynamicZM test' and is activated using a 'fish' type key.



Section 4 – Media & scheduling options

Your dynamicZM media and schedule is either pre-installed or managed through an online account with a digital signage provider. If you are unsure, refer to page 4 of this manual or contact your fire alarm service provider for confirmation.

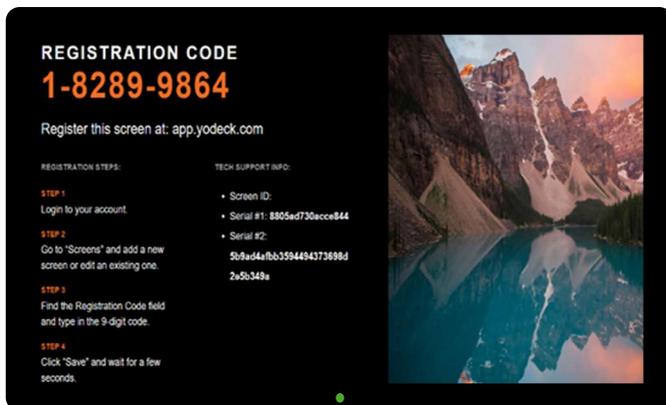
Option 1 - Pre-installed media



Your dynamicZM has been loaded with content and a schedule has been set to control the times and days the media displays. This is a simple schedule with a start and stop time which operates on the days of the week selected at the time of installation. Note – this may have been set to play 24 hours a day, 7 days a week.

To make any changes to the content or scheduled times of display of pre-installed media, contact your fire alarm service provider.

Option 2 - Online managed media



After installation, your dynamicZM will show a registration screen to enable connection to an online digital signage provider.

Once connected, all media and schedules are managed online and deployed to dynamicZM. Media content and schedules can be amended as desired by the user.

There are 2 options for selecting a provider of online managed digital signage. For users without an existing provider, dynamicZM recommends **Yodeck**. Go to www.yodeck.com to create your free account and find the latest content and tutorials to get started.

For users with an existing digital signage provider, the registration screen shown will be for your chosen provider. Note – your chosen provider **must** offer the option of using a web browser to display your content.

The choice of Yodeck or your own provider is made at installation stage, dynamicZM will be configured as requested. Should the configuration need to be changed after installation, contact your fire alarm service provider.

Section 5 – Fault guide

This is a guide to the cause of faults reported on your fire alarm system that affect dynamicZM. **If any of these scenarios are present, contact your fire alarm service provider promptly.**

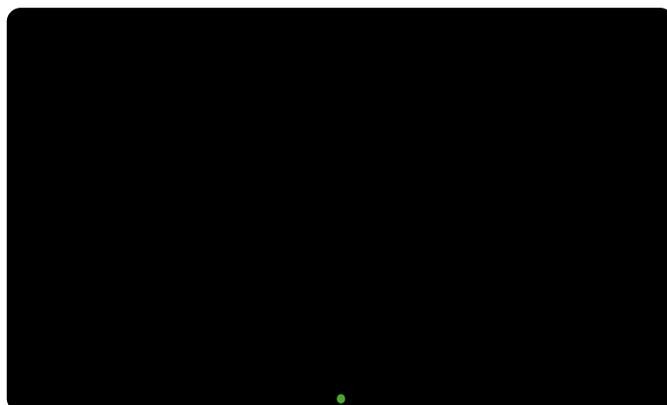
Data Fault



If dynamicZM can no longer receive a signal from the fire alarm system a Fire Alarm Data Fault notification will appear at the top of the screen. The fire alarm control panel will also report a fault condition. Media will continue to play and the notification will turn off automatically when the fault has been rectified.

While this fault notification is active, dynamicZM **will not activate** during a fire alarm condition.

Power Fault (low power mode)



If there is a mains power loss (power cut) dynamicZM will enter a low power mode.

During low power mode, the screen will be off, however the green LED will still be on **and a fault condition will be reported at your fire alarm control panel.**

During this fault condition, dynamicZM is being powered by batteries and **will activate** should a fire alarm condition occur.

Power fault (total loss of power)



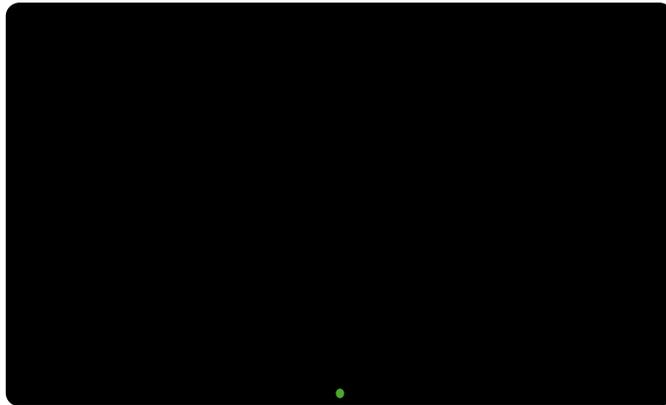
If dynamicZM loses a connection to a power source, or if low power mode has discharged the batteries, a total power loss will occur. dynamicZM will have a blank screen and the green LED will be off.

During this fault condition, dynamicZM **will not activate** should a fire alarm condition occur.

Section 6 – Media troubleshooting

This is a guide to remedy situations when dynamicZM is not displaying media as required. None of the situations listed will cause the fire alarm system to report a fault condition, and dynamicZM will activate during a fire alarm event.

Blank screen, green power LED on

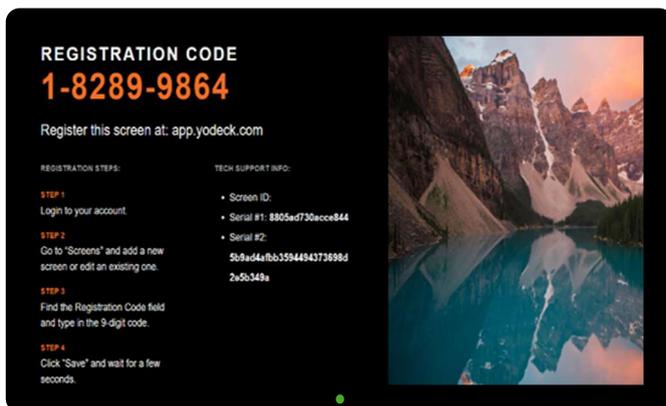


This would indicate that there is no media scheduled to play at the current time. If you believe media should be playing, check your online digital signage platform.

If all schedules appear correct, try the 'Reload Player' button to refresh the display.

If you're still unsure, use the test facility as shown in **section 3**. If the test works and the building plan shows, the problem is with the media schedule. If the test does not work, contact your fire alarm service provider.

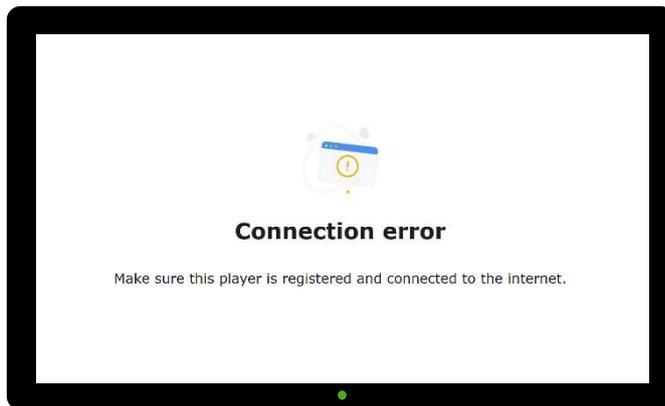
dynamicZM shows a registration screen only



dynamicZM has not been registered with your online digital signage platform. Log in to your provider and follow the instructions to link dynamicZM by inputting the unique code* shown on your screen.

**code shown here as an example only.*

Loss of internet connection



dynamicZM has lost connection to the internet. Check your internet devices to make sure everything is connected correctly.

Once internet is restored, dynamicZM will automatically resume media.

Note – immediate loss of content due to the loss of the internet will only occur for live updated feeds, such as news headlines, weather etc. Where dynamicZM displays your images and silent video, these can continue without internet for approximately 30 days.

Online credentials unretrievable or compromised

If you cannot access the online management of your dynamicZM media, this can be reset back to the registration screen. This will force dynamicZM to present a new registration code.

To reset dynamicZM media management, contact your fire alarm service provider.

Change media provider

To change between pre-loaded and online managed media, or to change to a new online managed media provider, contact your fire alarm service provider.

Note - when changing from pre-loaded to online, dynamicZM will need to physically connect to a local data point to use this option.