



Platform Display

From MTA
(Model Train Accessories)

Version: 1.5

<http://modeltraina.co.uk>

Welcome

Welcome and thank you for purchasing this Platform Display kit, our products are designed, hand assembled and tested by our trained staff.

We appreciate your business, and hope you have lots of enjoyment using it.

Should you need to get in touch with us with any questions or issues then please contact us on:

info@modeltraina.co.uk

or

support@modeltraina.co.uk

we will endeavour to reply within 24 hours.

Thank you

MTA



Some of the Features are:

- Simple to set up.
- No Soldering required
- 5 types of displays.
- Live time. (with Internet connection)
- AES-128 Encryption.
- Connect to your mobile device to set up your control box.
- Up to 10 Station destinations.
- 2 Message line, 1 static, 1 scrolling
- Sleep mode to stop Image Burn on the Display screen
- Software update when available.
- For future features coming, see our website <http://modeltraina.co.uk>

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1. Type of Displays

This device has a total of 5 screens that you can select by pressing the button on the control unit

Screen 1:

Will display 3 help screens.



First screen will show you what to do with the button on the control box

“1 Click Change screen”, press the button once and the display will change to the next Display screen.

“Double click, Update”, if you double click the button it will operate the Update section so you can update the control box from a file.

“Long Click, Config”, Press the button for about 10 seconds, remove your finger and the screen will show you the IP Address you need to type into your browser after you have connected to Wi-Fi MTA to change the Platform Display settings.

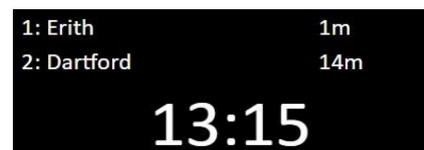
After a few seconds the second screen will show you the version number and help email and web address

And the third screen has the Device name, the Mac and IP addresses

Screen 2:

The display for this screen has 3 lines, the first line is the first train on your list of destinations.

The second line will show the destinations 2-5 from your list and changes every 15 seconds.



And the third line has the current time (if it has been setup before in the settings)



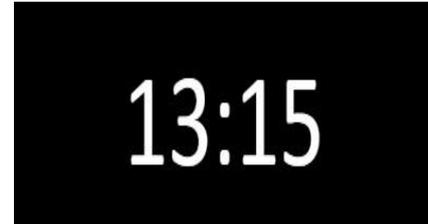
Screen 3:

This screen has 2 lines, the first line shows the platform number (which you have setup in the configuration screen) and the time in the top right corner.

The second line shows all your Destinations scrolling from right to left

Screen 4:

This screen just shows the time (which you have setup in the configuration screen)



Screen 5:

Has two messages lines, that you have setup.

Showing on two lines, the first line has a maximum of 10 letters, the second line scrolls from right to left.



* Screen shots are an example of what the screens look like

2. Setup

To Setup your Platform Display, first make a note of the following:
(see last page to fill out an Information sheet)

What will be the name of this device (can be used and changed later to communicate with other Platform Displays, future enhancement).

What platform number will this be?

The default Display number (this can be changed by pressing the button on the control box).

The default start time HH:MM (if you have no internet then this will be the start time)

The Destinations that you want to be displayed, max 10 lines.

The two messages that you want to have on the screen, 1 static and 1 scrolling.

British summer time type in Y or 1 if the BST is in use.

Sleep (Y/N), if you want the Control box to sleep at a time you set in the “Sleep from” and “Wake at”

Web Portal

To setup your Control box from your Media device, press and hold the button on your control box for about 3 seconds, then release.

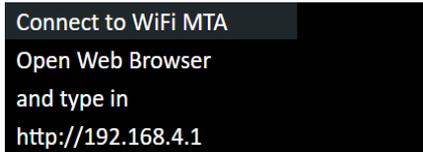
a screen will show you how to connect to the web browser to setup your Platform Display.

Open your WiFi settings on your Mobile device and look for MTA under Networks.

Click onto the MTA with a password of password

Go to your internet browser and type in the number that was showing on the screen and press return

e.g. <http://192.168.4.1>



Connect to WiFi MTA

Open Web Browser

and type in

<http://192.168.4.1>

This screen will appear:
 Type in the rest of information
 Required like:
 Wi-Fi SSID name and password
 Device Host Name,
 Display Number,
 Platform Number,
 Default Time, if you don't have
 Internet access, then enter a time
 you want your Platform Display to
 show when first switched on,
 Now you're 10 Destinations (You
 don't have to have 10 but there is
 space for 10)
 Next you're 2 Messages,
 The first one is a static one length
 of 10 characters.
 And the second one is a scrolling
 message max 250 characters
 British summer time is for when
 there is British summer time
 Enter Y or 1 for Yes or N or 0 if not

Enter your Settings

WiFi SSID

WiFi Password

Enter your Host Name

Enter your Display number

Enter your Platform no

default start time HH:MM

Enter your 1st destination

Enter your 2nd destination

Enter your 3rd destination

Enter your 4th destination

Enter your 5th destination

Enter your 6th destination

Enter your 7th destination

Enter your 8th destination

Enter your 9th destination

Enter your 10th destination

Message 1 (max 10)

Message 2 (Scrolling)

British Summer Time

Sleep Mode (1=Yes)

Sleep From

Wake at

If you leave your layout on and want the screen to switch off to stop
 Image burn, then type 1 in the box "Sleep Mode",
 and enter the time below for when the screen will go to sleep,
 And the time the screen will wake up.

Once you have entered all your information
 Click the "Save your settings" button.

Your settings will be saved, and your Control box will now restart
 To pick up the new settings.

3. FAQ

Problem:	Nothing showing on the Display screen but the red light is on the control box.
Fix:	Make sure the lead from the Platform Display is plugged in correctly.
Problem:	The screen is blank and the red light is on the control box.
Fix:	Make sure that you have not switch on the Sleep Mode, when you switch on the Control box with the display connected, is it showing the start-up screen?
Problem:	Nothing showing on the Display screen and no red light on the Control box.
Fix:	Check that the 5v power cable is connected correctly.
Problem:	Display shows Wi-Fi not Available
Fix:	Check you have entered the correct Wi-Fi name and password. In the settings screen
Problem:	If I have a problem, who do I contact?
Fix:	Contact us on mailto:info@modeltraina.co.uk or support@modeltraina.co.uk

4. Device Information



OLED Description

- 0.91 OLED, lightweight and compact
high resolution: 128 x32 (same resolution as 12832, clearer display)
- visual angle: greater than 160 ° (each direction can be clearly seen)
- wide voltage power supply (3V ~ 5V), simultaneously containing 3.3V and 5V level logic, without level conversion chip
- ultra-low power consumption: normal display 0.06w (much lower than TFT display)
- the IIC interface can be easily lit with only 2IO
- military-grade craft standard, long-term stable work

Control Box

- Power consumption: 300mA 3.3V
- Powerful microcontrollers installed.
- 2.4 GHz dual mode Wi-Fi and Bluetooth
- 40NM low-power technology.
- 5 volt input from USB cable.

The OLED is made from Glass, do not bend or break it.

Warning: THIS IS A 5 Volt DEVICE. DO NOT EXCEED THIS VOLTAGE

Contains small parts. Keep out of reach of children

5. Software Update

if you have a problem and have contacted us, and we can't fix it over the phone or via email, we will send you a username, password and a file which will update your control box.

Plug your control box into a PC\Laptop or a MAC.

And make sure you have set up the internet on your control box.

To update your control box

Double click the button on the control box, a message will appear saying:

“Software Update”

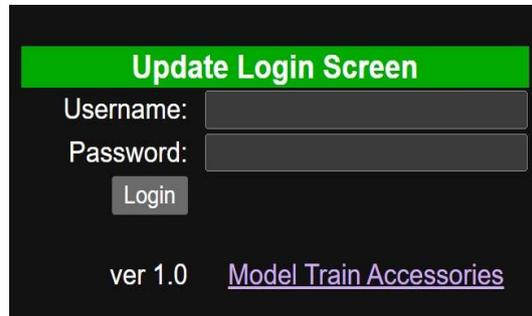
“Goto this web address:”

And a IPaddress e.g. 192.168.1.89

(make sure the control box has Wi-Fi connection)

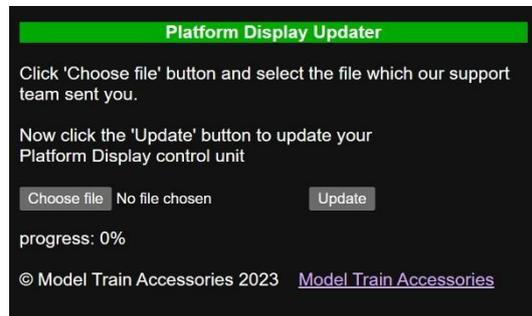
This screen will appear

Type in the username and password which we have sent you and press return



Then this screen will now appear

Click “Choose file” button and browse to where you saved the file we sent you, select it and press return



Once the file is showing, press the “Update” button, this will update your control box

Once it has finished the control box will restart and your control box is now updated.

6. Terms and Conditions

Please read these Terms and Conditions carefully before using our product. By using the product, you agree to be bound by these Terms and Conditions.

General:

Our product consists of an OLCD screen, a USB cable and a control box that operates on a 5V battery or a USB cable. It is important to note that the product must not have more than 5 volts connected to it otherwise damage will occur.

Faults:

In the event of any faults, we are committed to helping you to sort them out. If the goods are found to be faulty, please contact us first so we may be able to advise you

If we cannot fix it over the phone then you must send the control box to us and pay for postage.

We will examine the goods, and if the fault is due to a manufacturing defect, we will repair it free of charge and send it back to you at our expense.

If the fault is caused by a user, we will charge them for the repair.

And post it back to them.

Our product is designed to be used in accordance with the instructions provided. We cannot be held responsible for any damage caused to the product or any other property as a result of improper use or misuse of the product.

We make no warranties, express or implied, with respect to the product. We do not guarantee that the product will meet your requirements or that it will be free from defects or errors. We will not be liable for any damages arising from the use of the product.

In no event shall we be liable for any indirect, incidental, special or consequential damages arising out of or in connection with the use of our product.

Governing Law:

These Terms and Conditions shall be governed by and construed in accordance with the laws of the United Kingdom.

7. Disclaimer

The information contained in this document is for general information purposes only. While we endeavour to keep the information up to date and correct, we make no representations or warranties of any kind, express or implied, about the completeness, accuracy, reliability, suitability or availability with respect to the document or the information, products, services, or related graphics contained in the document for any purpose. Any reliance you place on such information is therefore strictly at your own risk.

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8. User Information sheet

To keep a record of your settings.

Name of this Device	
Enter your Display number	
Enter your Platform number	
The default start time HH:MM	
Enter your 1st destination	
Enter your 2nd destination	
Enter your 3rd destination	
Enter your 4th destination	
Enter your 5th destination	
Enter your 6th destination	
Enter your 7th destination	
Enter your 8th destination	
Enter your 9th destination	
Enter your 10th destination	
Enter your 1st destination	
Message 1 (max 10)	
Message 2 (scrolling)	
British summer time	
Sleep Mode	
Sleep From	
Sleep to	

Left Intentionally blank for your Notes