


Displays TFO-7
x 40-7.62 LED
Message
Displays



Messagemaker Displays TFO-7 x 40-7.62 LED Message Displays Owner's Manual

[Home](#) » [Messagemaker Displays](#) » Messagemaker Displays TFO-7 x 40-7.62 LED Message Displays Owner's Manual 

Contents

- [1 Messagemaker Displays TFO-7 x 40-7.62 LED Message Displays](#)
- [2 Product Usage Instructions](#)
- [3 TECHNICAL SPECIFICATION LED MESSAGE DISPLAYS](#)
- [4 OUTDOOR SERIES](#)
- [5 FAQs](#)
- [6 Documents / Resources](#)
 - [6.1 References](#)



Messagemaker Displays TFO-7 x 40-7.62 LED Message Displays



Specifications

- **LED Colour Options:** Red, Green, Amber, Blue (Indoor Series) | Red, Green, Amber, White (Outdoor Series)
- **Power:** 230V AC (50/60 Hz)
- **Interface:** RS485, RS232, Ethernet

Product Usage Instructions

Alternative Sizes

If you cannot find the size you require, alternative bespoke sizes are available. Contact the team on 01737 774747 or email sales@messagemaker.co.uk.

TECHNICAL SPECIFICATION LED MESSAGE DISPLAYS

HOW TO ORDER:

Specify the part number along with the choice of color, e.g., TFI-16×128-50 Tricolour

WHAT YOU GET:

- LED Display(s)
- 1.8M power lead
- Software control CD
- Full manual on CD
- Mounting brackets
- Printed mounting and operating instructions
- Quick start guides
- Infra-red remote control and instructions (TFI-7 and 16 series only)
- 6m serial cable
- 6m cat five patch lead

LED COLOUR OPTIONS

Indoor and outdoor LED Message Displays have different LED color options. Please refer to the table below when choosing your sign in the technical specification tables.

	Single	Tri-Colour
Outdoor Series	Choice of either Red, Green, Amber, or White	N/A
Indoor Series	Choice of either, Green, Amber, or Blue	Red, Green, and Amber

ALTERNATIVE SIZES

- If you cannot find the size you require, alternative bespoke sizes are available.
- Please contact the team on 01737 774747 or email sales@messagemaker.co.uk.

OUTDOOR SERIES

SINGLE LINE

Displays 50mm text, legible from up to 25 meters away, using a standard 7-pixel high font

PART NUMBER	VIEWING DISTANCE	LED COLOURS	CHARACTER HEIGHT (mm)	TEXT SHOWN (characters)	DISPLAY SIZE W x H (mm)	SIZE WxHxD (mm)	POWER	WEIGHT (kg)	INTERFACE
TFO-7 x 40-7.62				1 line of 6	305 x 53	395 x 124 x 80		2.4 kg	
TFO-7 x 80-7.62	30m	Single	53	1 line of 13	610 x 53	700 x 124 x 80		3.2 kg	
TFO-7 x 120-7.62				1 line of 20	915 x 53	1040 x 124 x 80	230V AC (50/60 Hz)	4.7 kg	RS485, RS232, Ethernet
TFO-8 x 48-14	50m – 70m	Red	98 or 112	1 line of 26	672 x 112	750 x 154 x 80		4 kg	
TFO-8 x 80-14				1 line of 13	1120 x 112	1119 x 154 x 85		6.1 kg	
TFO-8 x 96-14				1 line of 16	1344 x 112	1420 x 154 x 85		7.1 kg	
TFO-8 x 48-20	80m – 100m	Single	140 or 160	1 line of 8	960 x 160	1013 x 204 x 85		7.5 kg	

BI-LINE

Displays one line of 120mm high text or two lines of 50mm high text, legible from over 50 meters away.

PART NUMBER	VIEWING DISTANCE	LED COLOURS	CHARACTER HEIGHT (mm)	TEXT SHOWN (characters)	DISPLAY SIZE W x H (mm)	SIZE WxHxD (mm)	POWER	WEIGHT (kg)	INTERFACE	
TFO-16 x 48-7.62		Single		1 line of 4 or 2 of 6	366 x 122	448 x 152 x 85		2.6 kg		
TFO-16 x 96-7.62	30m – 70m	White	53 or 114	1 line of 9 or 2 of 16	732 x 122	840 x 152 x 85	230V AC (50/60 Hz)	4.7 kg	RS485, RS232, Ethernet	
TFO-16 x 128-7.62		White		1 line of 12 or 2 of 21	976 x 122	1050 x 152 x 85		5.8 kg		
TFO-16 x 128-10	35m – 90m	Amber, White or Full Colour	70 or 150	1 line of 12 or 2 of 21	1280 x 160	1358 x 204 x 85		8.9 kg		
TFO-16 x 160-10				1 line of 16 or 2 of 26	1600 x 160	1654 x 204 x 85		11.4 kg		

SINGLE LINE

Displays 50mm text, legible from up to 25 meters away,, using a standar7-pixeel high font

PART N UMBER	LED COL OURS	TEXT S HOWN (LETTE RS)	DISPLA Y SIZE W x H (mm)	SIZE WxHxD (mm)	POWE R	WEIGH T (kg)	MOUNT OPTIO NS	INTER FACE	
Standard brightness for indoor use							Bracket s on each en d plus h anging points t o the to p edge		
TFI-7 x 40-50	Single or Tri-Colour	6	305 x 5 3	355 x 1 02 x 50		1 kg			
TFI-7 x 80-50	Single	13	610 x 5 3	660 x 1 02 x 50	230V A C	1.7 kg			
TFI-7 x 120-50	Single	20	915 x 5 3	965 x 1 02 x 50	(50/60H z)	2.6 kg			
TFI-7 x 160-50	Single or Tri-Colour	26	1220 x 53	1270 x 102 x 5 0		3.4 kg		RS485 ,	
								RS232 ,	
								Ethern et	
High-brightness LED's ideal for window application									
TFS-7 x 80-50	Single	13	610 x 5 3	660 x1 02 x 50	230V A C (50/6 0Hz)	1.7 kg			
TFS-7 x 120-50	Single	20	915 x 5 3	965 x 1 02 x 50		2.6 kg			
TFS-7 x 160-50	Single or Tri-Colour	26	1220 x 53	1270 x 102 x 5 0		3.4kg			

BI-LINE

Displays one line of 120mm high textor two lines of 50mm high text, legible from over 50 meters away.

PART NUMBER	LED COLOURS	TEXT SHOWN (LETTERS)	DISPLAY SIZE W x H (mm)	SIZE WxHxD (mm)	MAX/TYPICAL POWER WATT	WEIGHT (kg)	MOUNT OPTIONS	INTERFACE		
Standard brightness for indoor use							Hanging brackets at each end to allow for multiple hanging angles	RS485, RS232, Ethernet		
TFI-16 x 64-50	Single or Tri-Colour	1 line of 6 or 2 of 11	488 x 122	548 x 157 x 80	230V AC (50/60Hz)	2.1 kg				
TFI-16 x 96-50	Single or Tri-Colour	1 line of 10 or 2 of 16	732 x 122	792 x 157 x 80		2.9 kg				
TFI-16 x 128-50	Single or Tri-Colour	1 line of 13 or 2 of 21	976 x 122	1045 x 157 x 80		4.8 kg				
TFI-16 x 144-50	Single or Tri-Colour	1 line of 14 or 2 of 24	1098 x 122	1158 x 157 x 80		5.3 kg				
TFI-16 x 160-50	Single	1 line of 18 or 2 of 26	1220 x 122	1280 x 157 x 80		6.1 kg				
TFI-16 x 192-50	Single or Tri-Colour	1 line of 21 or 2 of 32	1464 x 122	1520 x 157 x 80		6.3 kg				
TFI-16 x 256-50	Single or Tri-Colour	1 line of 26 or 2 of 42	1952 x 122	2012 x 157 x 80		9.2kg				
High-brightness LED's ideal for window application										
TFS-16 x 128-50	Single or Tri-Colour	1 line of 14 or 2 of 21	976 x 122	1035 x 157 x 80	230V AC (50/60Hz)	4.5 kg				
TFS-16 x 160-50	Single	1 line of 18 or 2 of 26	1220 x 122	1280 x 157 x 80		6.3 kg				

Note: TF-16 series signs have a rear-mounted power supply that projects a further 30mm positioned in the center rear of the display

MULTI-LINE

Displays 1,2,3 or 4 lines of text on a full matrix screen

PART NUMBER	LED COLOURS	TEXT SHOWN (CHARACTERS)	DISPLAY SIZE W x H (mm)	SIZE ** WxHxD (mm)	MAX/ POWER USE (WATT)	WEIGHT (KG)	MOUNT OPTIONS	INTERFACE	
Standard brightness for indoor use									
TFI-32 x 64-50	Single	2 lines of 6 or 4 of 10	488 x 244	559 x 294 x 120		5.7 kg			
TFI-32 x 96-50	Single	2 lines of 10 or 4 of 16	732 x 244	792 x 294 x 120	230V AC (50/60Hz)	7.7 kg	Hangi ng bra ckets	RS485 , RS232 , Ethern et	
TFI-32 x 128-50	Single or Tri-Colour	2 lines of 13 or 4 of 21	976 x 244	1045 x 294 x 120		10.8 kg	at eac h end to allo w		
TFI-48 x 128-50	Single or Tri-Colour	3 lines of 13 or 6 of 21	976 x 366	1080 x 470 x 120		20.1 kg	for mu ltiple		
High-brightness LED's ideal for window application							hangi ng an gles		
TFS-32 x 64-50	Single or Tri-Colour	2 lines of 13 or 4 of 21	976 x 244	1045 x 294 x 120	230V AC	10.8 kg			
TFS-32 x 96-50	Single or Tri-Colour	3 lines of 13 or 6 of 21	976 x 366	1080 x 470 x 120	(50/60Hz)	20.1 kg			

Note: TF-16 series signs have a rear-mounted power supply that projects a further 30mm positioned in the centre rear of the display

- sales@messagemaker.co.uk
- Tel. 01737 774747
- www.messagemaker.co.uk

FAQS

Q: What are the available LED color options?

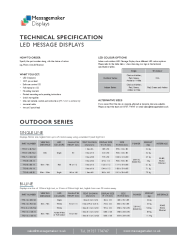
A: The LED color options vary between the Indoor and Outdoor Series. The Indoor Series offers Red, Green, Amber, and Blue colors, while the Outdoor Series provides Red, Green, Amber, or White colors.

Q: How far away can the displays be viewed from?

A: The viewing distance varies based on the model and configuration. For example, the Single Line Outdoor Series displays are legible from up to 25 meters away using a standard font.

Q: What power source does the product require?

A: The product operates on a power supply of 230V AC (50/60 Hz).



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TFO-7 x 40-7.62, TFO-7 x 80-7.62, TFO-7 x 120-7.62, TFO-8 x 48-14, TFO-8 x 80-14, TFO-8 x 96-14, TFO-8 x 48-20, TFO-16 x 48-7.62, TFO-16 x 96-7.62, TFO-16 x 128-7.62, TFO-16 x 128-10, TFO-16 x 160-10, TFO-7 x 40-7.62 LED Message Displays, TFO-7 x 40-7.62, LED Message Displays, Message Displays, Displays

References

- [LED Highways Signs | Messagemaker Displays](#)
- [User Manual](#)

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