

TFT Information Display

GFT

The full-color, full-graphics display with fine pixel pitch perfectly displays text, graphic symbols, images, videos, web pages and live broadcasts. High brightness ensures excellent readability even in sunlight. Thanks to the special Text-To-Speech module, even visually handicapped can use our information systems. They are provided with the necessary traffic information via synthetic voice output. Option of touch display. The panels are suitable for outdoor use.



Features

TFT Technology

TFT technology allows free configuration of screen areas. Full graphic display with fine pixel pitch perfectly displays text, graphic symbols, images, videos, web pages and even live broadcasts.

- High brightness display guarantees excellent readability even in direct sunlight.
- Fully graphic display shows public transport information, train and bus departures, general passenger information as well as advertising messages and other multimedia.

Information System

Possibility of making the display as an autonomous display element or as part of larger information system.

- Management by an external master computer makes tracking and controlling easier.
- Power and runtime data are automatically monitored.

Mechanical Design

- Stable construction made of aluminium and stainless steel elements in RAL color of customer's choice.
- Highly durable laminated safety glass (LGS) with 6.8 mm thickness and anti-reflective coating.
- Free standing type.
- Single sided or double sided design.
- Possibility of touch screen or buttons control.
- Closed cooling circuit without replaceable filters, with temperature controlled fans with fault detection.
- Easy access to all internal modules after tilting the front panel makes easier to check up and replace internal parts.

Operation

- The display is designed for reliable usage 24/7 in indoor or outdoor conditions.
- Choose from two types of modes according displays usage.

Text-to-Speech Module

Specially developed module for visually handicapped person.

- The module provides the necessary information via synthetic voice output from 8W speakers.

Various Areas of Use



Public Transport and Bus Stops



Train Stops and Stations



Railway Stations



TFT Technology



Full Color RGB Display



Touch Display Option



Brightness up to 2 500 nits



Usage 24/7



Management and Monitoring System



Integrated Temperature Control



Option WiFi, LTE or Fiber Optics



Text-To-Speech Module



Suitable for Outdoor Use

Technical Parameters

GFT.		43.700	43.1500	43.2500	55.2500	
Display	size	43"		55"		
	type	industrial, TFT, 24/7, HTNI				
	brightness	700 nits	1 500 nits	2 500 nits	2 500 nits	
	contrast	3 000:1	4 000:1	1 300:1	1 100:1	
	number of colors	16,7 million				
	brightness control	automatic controlled by ambient light conditions				
	resolution	1 920 x 1 080 px (Full-HD)				
	viewing angle	178° / 178°				
	touch control (for NT and DT design)	dual touch				
Casing	construction	aluminium and stainless steel casing and profiles				
	service access	tilting frame with cover glass and doors at the bottom part				
	glass	laminated safety glass (LSG), thickness 6.8 mm, anti-reflective coating				
	dimensions [mm]	single sided	1 130 x 2 008 x 220		1 420 x 2 165 x 220	
	W x H x D	double sided	1 130 x 2 008 x 270		1 420 x 2 165 x 300	
	weight [kg]	single sided	160		190	
		double sided	250		300	
	protection degree	IP 65				
	surface finish	powder coated paint				
	security	industrial lock with special key				
	noise level	max. 62 dB – at maximum cooling system power				
Temperature Management	cooling	closed cooling circuit without replaceable filters, temperature controlled fans with fault detection				
	heating	90 W		100 W		
	operating temperature	-20 to +40 °C				
	storage temperature	+5 to +45 °C				
	humidity	10 to 90 %, without condensing				
	max. intensity of solar radiation	1 120 W/m ²				
Connectivity	standard	LAN				
	on request	WiFi, LTE, fiber optics				
Power	power voltage	100–240 VAC / 50–60 Hz				
	max. power consumption	single sided	250 W	320 W	430 W	630 W
		double sided	390 W	530 W	750 W	1 100 W
Options	Text-to-Speech module with 8W speaker and receiver for visually handicapped					
Mounting	standard	mounting on prepared concrete foundation				
	on request	mounting on top floor surface, fixation on threaded rods				

GFT.43 Dimensions

Single sided, mounting on top floor surface, stainless steel variant



Double sided, mounting on prepared concrete foundation, frame and cover glass mask color RAL 5003



Order Reference

1 Display Size

43" TFT display	43
55" TFT display	55

2 Display Brightness

700 nits (not available for 55" display)	700
1500 nits (not available for 55" display)	1500
2 500 nits	2500

3 Design

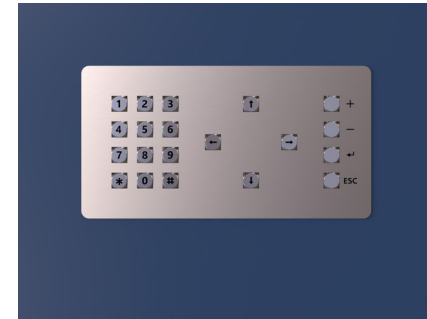
Single sided	N
Single sided with touch display	NT
Double sided	D
Double sided with touch display	DT

4 Options
(if more than one options is selected, include the extension code in order indicated separated by dot)

Fixed header (number indicated specific design)	Px
Anti-vandal buttons for visually handicapped	VIB
Mounting on top floor surface	S1
Text-to-Speech module with 8W speaker and receiver for visually handicapped	TTS
LAN	LAN
WiFi	WiFi
LTE	LTE
Fiber optics	FO

5 Frame Color

Matte black	RAL9005
Light grey	RAL7040
Blue	RAL5003
Frame color on request	RALxxxx



VIB option

Order example:

GFT.43.1500.NT.VIB.S1.TTS.FO.RAL5003

GFT	1	2	3	4	5
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Display Size	Display Brightness	Design	Options	Frame Color	

Get in Touch



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Your Partner Across Time...

We are a traditional Czech company operating in the field of timekeeping and display technology. Our success is evidenced by our continuous growth, both in terms of company size and expansion of our product range or export abroad.

Since 1995 we have been a member of the international holding MOSER-BAER AG and our products under the prestigious MOBATIME brand are exported all over the world.

