

# 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.
- Protection degree IP65.
- Highly durable laminated safety glass (LGS) with 6.8 mm thickness and anti-reflective coating.
- Shock resistance IK10 for 43" display, IK09 for 55" display.
- 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.		43.500	43.1500	43.2500	55.2500	
Display	size		43"		55"	
	type		industrial, TFT, 24/7, HTNI			
	brightness	500 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 × 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	material		laminated safety glass (LSG), thickness 6.8 mm, anti-reflective coating		
		shock resistance		IK10		IK09
	dimensions [mm] W × H × D	single sided		1 130 × 1 998 × 220		1 420 × 2 165 × 220
		double sided		1 130 × 1 998 × 270		1 420 × 2 165 × 300
	weight [kg]	single sided		160		190
		double sided		250		300
	protection degree		IP65			
	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 <sup>2</sup>			
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

500 nits (not available for 55" display)	500
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

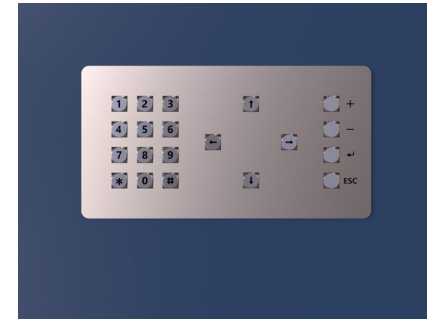
## 4 Options

(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
Remote device restart trigger option	RR
Power outage notification	PFN

## 5 Frame Color

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



VIB option

Order example:

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

<b>GFT</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
.	.	.	.	.	.
Display Size	Display Brightness	Design	Options	Frame Color	

# Get in Touch

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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.

