KTI

Kron
TIMETABLE

The Kron KTI is an outdoor digital timetable for passenger information systems, suitable in contexts such as railway, bus and metro stations. The KTI variable message board is available in 10 or 20 lines, 60 or 80 cm high and summarizes the arrival and departure information using SMD LED technology with high brightness and visibility, which are distinguished by the significant advantages in terms of reliability, low consumption, low maintenance and life duration. The network device management is greatly facilitated by the sophisticated diagnostic system used, designed in-house by our engineers. The system with standard SNMP protocol is able to monitor the operating parameters, from temperature, humidity, ventilation and external light.

ENVIRONMENT
SemiOutdoor
IP32 (Nema 3R) water/dust proof
IK04 vandal proof
Temperature range from -20°C to +40°C

TECHNOLOGY AND USAGE
24/7 usage
Advanced diagnostic system
100.000 hours led lifetime
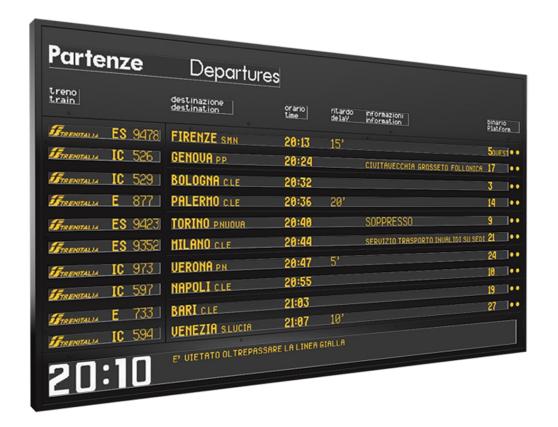Low power consumption SMD LED
LED PCB designed & made in Italy

STRUCTURE
Main structure in aluminium and stainless steel
Antiglare safety 5 mm polycarbonate panel
Anti-vandal proof Safety Lock
Modular system

AVAILABLE SIZES
landscape

`10R60` `20R60` `10R80` `20R80`

Technical Specification

	KTI.10R60	KTI.20R60	KTI.10R80	KTI.20R80
General				
Header (Arrivals/Departures)	288x24 pixels (W)		317x32 pixels (W)	
Field Headers	"Train": 32x16 px; "Destin.": 96x16 px; "Time": 96x32 px; "Delay-Info": 128x16 px; "Platf.": 64x16 px; (W)			
Rows	10	20	10	20
Text rows	"Carrier": 128x24 px; "Cat..": 64x12 px; Text: 544x12 px; 2 blinkers: 16+16 pixels (Y)	"Carrier": 128x24 px; "Cat..": 64x12 px; Text: 544x12 px; 2 blinkers: 16+16 pixels (Y)	"Carrier": 128x32 px; "Cat..": 64x16 px; Text: 544x16 px; 2 blinkers: 16+16 pixels (Y)	"Carrier": 128x32 px; "Cat..": 64x16 px; Text: 544x16 px; 2 blinkers: 16+16 pixels (Y)
Footer	704x36 pixels (Y)			
Led Technology	Yellow (Y): Al In Ga P White (W): In Ga N	Yellow (Y): Al In Ga P White (W): In Ga N	Yellow (Y): Al In Ga P White (W): In Ga N	Yellow (Y): Al In Ga P White (W): In Ga N
Display brightness (nit)	**3600**	**3600**	**3600**	**3600**
Led comand	Multiplex 1:4	Multiplex 1:4	Multiplex 1:4	Multiplex 1:4
Pixel pitch	5 x 5 mm (HxV)	5 x 5 mm (HxV)	5 x 5 mm (HxV)	5 x 5 mm (HxV)
Contrast ratio	> 5 (C5)	> 5 (C5)	> 5 (C5)	> 5 (C5)
System operation	24/7/365	24/7/365	24/7/365	24/7/365
Backlight Life cycle	100.000 hours	100.000 hours	100.000 hours	100.000 hours
Environment				
Environment protection	Semi-Outdoor IP32 (Nema 3R)	Semi-Outdoor IP32 (Nema 3R)	Semi-Outdoor IP32 (Nema 3R)	Semi-Outdoor IP32 (Nema 3R)
Sun exposure	partial	partial	partial	partial
Operating temperature	-20°/+40°	-20°/+40°	-20°/+40°	-20°/+40°
Environment humidity	10% - 90%	10% - 90%	10% - 90%	10% - 90%
Antivandal protection	IK04	IK04	IK04	IK04
Enclosure				
Air cooling system	ventilation	ventilation	ventilation	ventilation
Enclosure material	Aluminium - Stainless Steel (Aisi 304)	Aluminium - Stainless Steel (Aisi 304)	Aluminium - Stainless Steel (Aisi 304)	Aluminium - Stainless Steel (Aisi 304)
Glass	Polycarbonate 5mm	Polycarbonate 5mm	Polycarbonate 5mm	Polycarbonate 5mm
Glass reflection	antiglare	antiglare	antiglare	antiglare
Standard enclosure color	Black (RAL9004)	Black (RAL9004)	Black (RAL9004)	Black (RAL9004)
Power				
Vac supply	230V AC +/- 10% 50Hz	230V AC +/- 10% 50Hz	230V AC +/- 10% 50Hz	230V AC +/- 10% 50Hz
Power consumption (typ)	700W	1100W	850W	1350W
Dimensions				
Height (cm)	216	318	236	358
Width (cm)	370	370	370	370
Depth (cm)	18	18	18	18
Weight (Kg)	200	300	250	350
Notes	* "Carrier" field px pitch = 2,5x2,5mm		* "Carrier" field px pitch = 2,5x2,5mm	