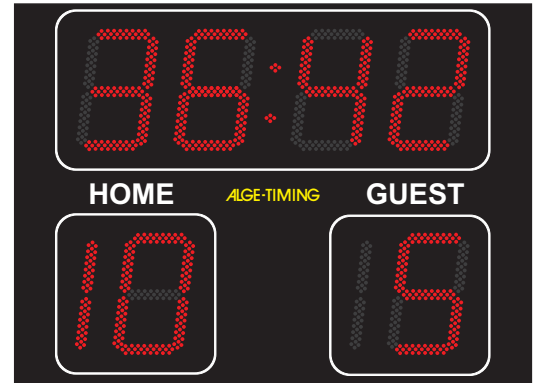


A large variety of LED and electromagnetic football display boards are available. The football display boards can be used in small gymnasiums or large football stadiums. ALGE-TIMING offers display boards with figures heights of 30, 45, 60, 100 and 150 cm.



The red LED can be perfectly seen at all conditions. The brightness is adjusted to the surrounding light, i.e. with direct sunlight the LED are bright and at night the brightness is reduced.

The electromagnetic display boards always dispose of a good contrast and can be well seen at any weather. At night an illumination is required (e.g. floodlight).

The display board is controlled by a console that is connected either by cable or radio (optional).



FOOTBALL

Display Boards

with LED Digits

A large number of LED models are available. According to budget and requirements everybody finds the perfect model.

Football Display Boards D-LINE:

The models of this display board are available with figures heights of 300, 450, 600, 1000 and 1500 mm. In the following model description XXX stands for the variable figure height.

D-LINEXXX-O-4-E2

Time: 2 digits in minutes
Score: each team from 0 to 9

D-LINEXXX-O-2+2x19-E1

Time: 2 digits in minutes
Score: each team from 0 to 19

D-LINEXXX-O-6-E2-T

Time: 4 digits in minutes and seconds
Score: each team from 0 to 9

D-LINEXXX-O-4+2x19-E1

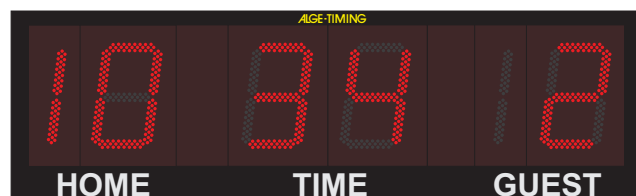
Time: 4 digits in minutes and seconds
Score: each team from 0 to 19

D-LINEXXX-O-8A-E2

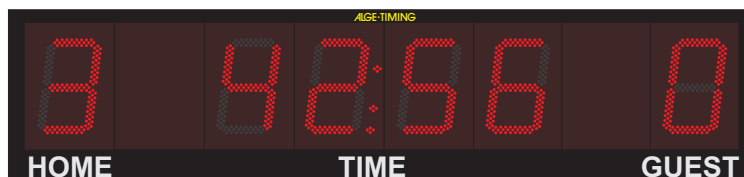
Time: 6 digits in minutes, seconds and 1/100, also applicable for track and field athletics
Score: each team from 0 to 9

D-LINEXXX-O-6+2x19-E1

Time: 6 digits in minutes, seconds and 1/100, also applicable for track and field athletics
Score: each team from 0 to 19



Example: D-LINE450-O-2+2x19-E1



Example: D-LINE450-O-6-E2

Control for LED display boards:

All display boards include a control D-CKN. Because of the integrated display the display board can also be operated without sight contact.

- D-CKN:** Standard control - with cable connection
- D-CKN-A:** Alternative with surcharge - integrated accu for mains independent operation
- D-CKN-TX:** Alternative with surcharge - integrated radio for wireless data transmission
- D-CKN-TXA:** Alternative with surcharge - integrated accu and radio so that the user can move around freely



Radio control for LED display boards:

In case the display board should be controlled by radio, a control D-CKN-TX or D-CKN-TXA is required and for the display board the radio receiver D-RX.

Attention: radio controlled display board do also need a power supply!

Extension for the LED football display board:

- Temperature sensor (TS):** Time and temperature are shown if the match clock is not used
- Light sensor (LS):** The brightness is adjusted automatically to the surrounding brightness.
- Radio day time (DCF):** The time is always to the split second, changes automatically between summer and winter time

Models with text display:

It is possible to extend the LED football display board with a matrix display. Depending on size of the matrix display board D-RTNM the club name or advertisements can be shown.

FOOTBALL

Display Boards with LED Digits

Football Display Boards D-FP3-19-XXX

The models of this display board are available with figure heights of 300, 450, 600, 1000 and 1500 mm. In the above headline the XXX stands for the variable figure height.

D-FP3-19-300

Figure height 300 mm
Time: 4 digit in minutes and seconds
Score: each team from 0 to 19
Dimensions: 1200 x 850 x 70 mm

D-FP3-19-A-300

Figure height 300 mm
Time: 6 digit in minutes, seconds and 1/100, suitable for track and field athletics
Score: each team from 0 to 19
Dimensions: 1900 x 850 x 70 mm

D-FP3-19-450

Figure height 450 mm
Time: 4 digit in minutes and seconds
Score: each team from 0 to 19
Dimensions: 1900 x 1400 x 70 mm

D-FP3-19-A-450

Figure height 450 mm
Time: 6 digit in minutes, seconds and 1/100, suitable for track and field athletics
Score: each team from 0 to 19
Dimensions: 2490 x 1400 x 70 mm

D-FP3-19-600/450

Figure height time: 450 mm
Figure height goals: 600 mm
Time: 4 digit in minutes and seconds
Score: each team from 0 to 19
Dimensions: 2000 x 1600 x 70 mm

D-FP3-19-600

Figure height 600 mm
Time: 4 digit in minutes and seconds
Score: each team from 0 to 19
Dimensions: 2490 x 1800 x 70 mm

D-FP3-19-A-600

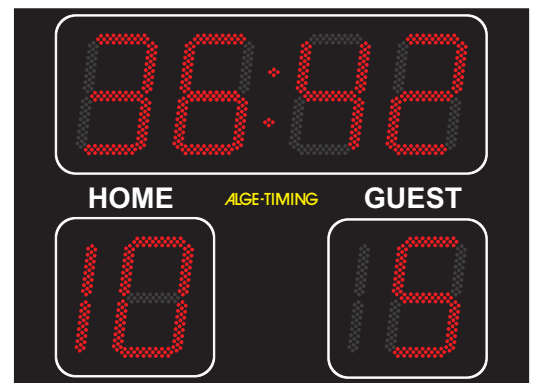
Figure height 600 mm
Time 6 digit in minutes, seconds and 1/100, suitable for track and field athletics
Score: each team from 0 to 19
Dimensions: 3400 x 1800 x 70 mm

D-FP3-19-1000

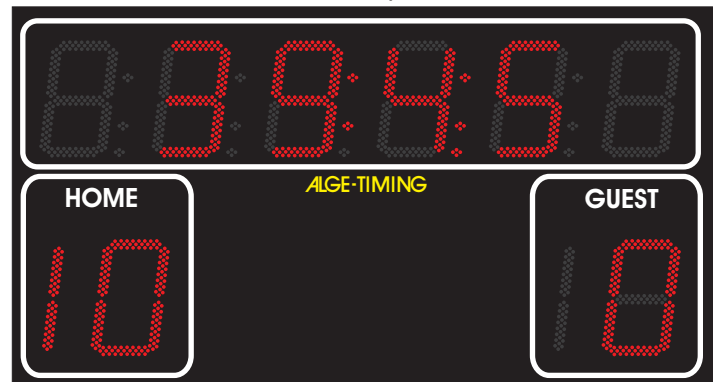
Figure height 1000 mm
Time: 4 digit in minutes and seconds
Score: each team from 0 to 19
Dimensions: 3800 x 2700 x 70 mm

D-FP3-19-1500

Figure height 1500 mm
Time: 4 digit in minutes and seconds
Score: each team from 0 to 19
Dimensions: 5200 x 4000 x 70 mm



Example: D-FP3-19-450



Example: D-FP3-19-A-450



Example: D-FP3-19-A-450 with D-RTNM Martix

FOOTBALL

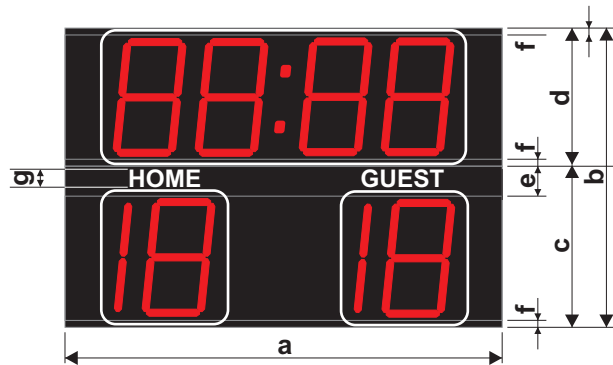
Display Boards

with LED digit

Dimensions of FB3-19 models:

Model	D-LINE300-0-4-E2	D-LINE300-0-2+2x19-E1	D-LINE300-0-6-E2-T	D-LINE300-0-4+2x19-E1	D-LINE300-0-8A-E2	D-LINE300-0-6+2x19-E1	D-LINE450-0-4-E2	D-LINE450-0-2+2x19-E1	D-LINE450-0-6-E2-T	D-LINE450-0-4+2x19-E1	D-LINE450-0-8A-E2	D-LINE450-0-6+2x19-E1	D-LINE600-0-4-E2	D-LINE600-0-2+2x19-E1	D-LINE600-0-6-E2-T	D-LINE600-0-4+2x19-E1	D-LINE600-0-8A-E2	D-LINE600-0-6+2x19-E1
Figure Height mm	for all models 300 mm					for all models 450 mm					for all models 600 mm							
Length (a) in mm	1800	1800	2850	2850	3500	3500	2500	2500	3800	3800	4100	4100	3300	3300	4200	4200	5100	5100
Height (b) in mm	550	550	550	550	550	550	800	800	800	800	800	800	1100	1100	1100	1100	1100	1100
Depth in mm	for all models 70 mm					for all models 70 mm					for all models 70 mm							
Caption Height	for all models 80 mm					for all models 130 mm					for all models 180 mm							

Dimensions of FB3-19 models:



Modell	FB3-19-300 one piece	FB3-19-450 two pieces	FB3-19-600/450 two pieces	FB3-19-600 two pieces	FB3-19-1000 two pieces	FB3-19-1500 two pieces	FB3-19-A-300 one piece	FB3-19-A-450 two pieces	FB3-19-A-600 two pieces
Figure Height of Time in mm	300	450	450	600	1000	1500	300	450	600
Figure Height of Score in mm	300	450	600	600	1000	1500	300	450	600
Length (a) in mm	1200	1900	2000	2490	3800	5200	1900	2490	3400
Height (b) in mm	850	1400	1600	1800	2700	4000	850	1400	1800
Depth in mm	70	70	70	70	70	70	70	70	70
Time Modul Height (c) in mm		600	600	800	1200	1800		600	800
Score Module Height (d) in mm		800	1000	1000	1500	2200		800	1000
Caption Overlap (c) in mm	60	240	280	280	360	460	60	240	280
Top- / Bottom Overlap (e) in mm	40	40	40	40	60	60	40	40	40
Caption Height (g) in mm	50	150	200	200	300	400	50	150	200
Suitable Matrix Display Board 1 line, 7 pixel height D-RTNM	P3-7x56	P4-7x80	P4-7x88	P4-7x104	P7-7x96	P7-7x128	P3-7x56	P4-7x80	P4-7x104
Suitable Matrix Display Board 1 line, 8 pixel height D-RTNM	P3-8x56	P4-8x80	P4-8x88	P4-8x104	P7-8x96	P7-8x128	P3-8x56	P4-8x80	P4-8x104

FOOTBALL

Display Boards

with Electromagnetic 7-Segment Digits



- Complete systems consists of control device ALGE-Timy and display board with integrated power supply
- Electromagnetic seven segment display with 45 cm figure height (readability up to 160 m) in bright yellow guarantee best visibility also in direct sunlight
- Display of goals and match time (different configuration according to type)
- Simple handling by menu navigation
- Type FA6XX, FB and FL can be switched to daytime display
- Simple installation, 4-wire connection of radio (surcharge) between display board and input device Timy
- ALGE display boards have proved their worth in large quantities and under tough conditions



FOOTBALL

Display Boards

with Electromagnetic 7-Segment Digits



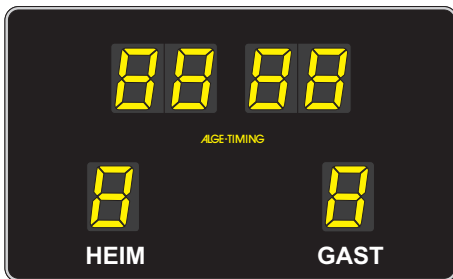
FA445



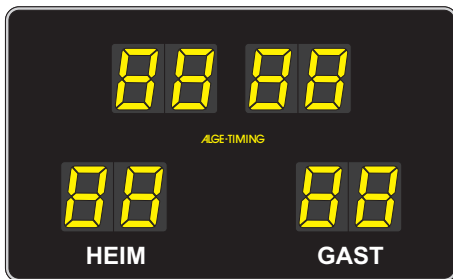
FA645-T



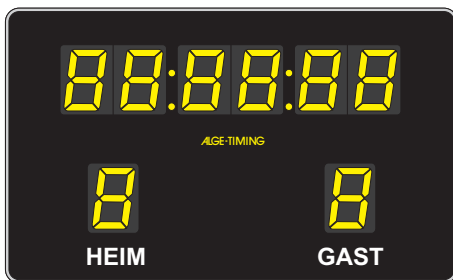
FA645-G



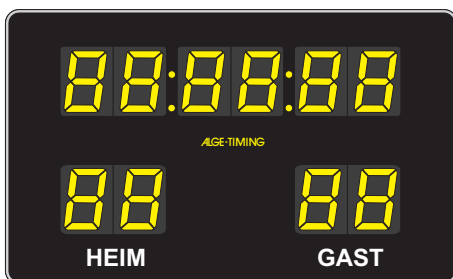
FB645



FB845



FL845



FL045

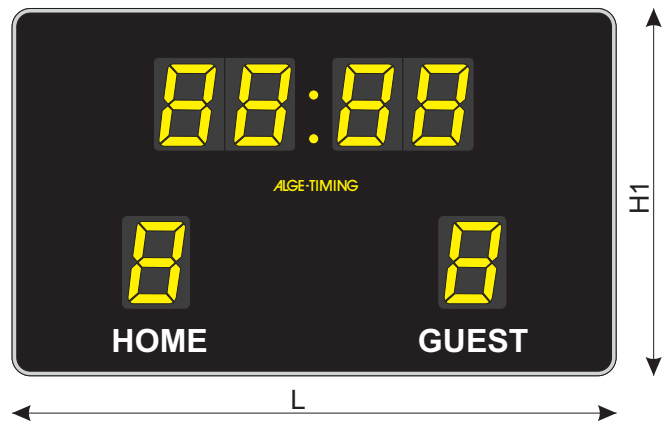
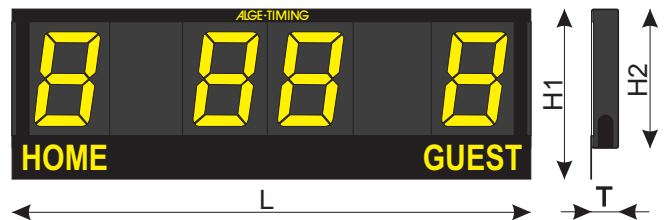
Control Device Timy

Control device for football display board with the following features:

- Display of daytime (not type FA625 and FA645)
- Counts match time up or down
- Display of goals
- Timeout is possible (stoppage of match time)
- Display, that simulates the display board (display board can be controlled without sight at the board itself)
- Connection to display board by cable or radio (optional)



Dimensions



Type	Length L (mm)	Height H1 (mm)	Height H2 (mm)	Depth T (mm)	Weight (kg)
FA425	1493	475	393	110	21
FA625	1953	475	393	110	28
FA445	2490	824	664	140	60
FA645	3290	824	664	140	80
FB645	3322	2022	xxx	130	100
FB845	3322	2022	xxx	130	100
FL845	3322	2022	xxx	130	100
FL045	3322	2022	xxx	130	140