

NAUTRONIC SCOREBOARD SYSTEM

PRODUCT CATALOGUE 3.2



Multisport electronic scoreboards

Scoreboards

Timers & counters

Time & temperature

Text displays

Graphic scoreboards

Video screens





We keep the game on!

NAUTRONIC
SCOREBOARD SYSTEM

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Please don't hesitate to contact us if you have any questions.

Welcome to Nautronic Scoreboard System

Since 1984 Nautronic has provided the world with scoreboards, making the spectator experience even more exciting

Nautronic designs and develops scoreboards for a wide range of sports. We offer standard solutions as well as custom-built scoreboards. Our scoreboards can be seen in arenas and stadiums – large and small – all over the world. Nautronic scoreboards are designed to give spectators, players and sponsors the best possible experience of the game. Our worldwide partners advise you on the scoreboards best suited to your needs, see to it that they are installed correctly, that you receive a thorough user introduction and that any necessary support is delivered fast and efficiently.

ABOUT NAUTRONIC

Nautronic was founded in 1984, and our team consists of experienced and highly skilled designers and technicians, dedicated to the continuous improvement of the products we offer, constantly striving to give both spectators and athletes an even better sports experience. Many of our staff at HQ have been with us for years and have been involved in the development of our products from the start. Wherever you are, we have a team of skilled partners ready to advise you on the choice of the right product for you.

OUR SCOREBOARDS

Nautronic scoreboards are built in a strong yet light aluminium housing with black acrylic front plates for timeless design and exquisite finish. The front plates have been tested according to DIN 18032-3 standards (safety against ball throwing) and the LEDs used in the board are high power, 10 year warranty LEDs. All of this guarantees high mechanical strength in a maintenance free scoreboard designed for a service life of 10-15 years.



FIBA
APPROVED
EQUIPMENT

NAUTRONIC
SCOREBOARD SYSTEM



Case:

Four sided cube which can be divided in two

Nautronic was chosen as supplier when Skanderborg Municipality in Denmark built their new sports arena with room for 2,000 spectators.

One of the reasons why Nautronic was chosen for this project is our ability to make custom designed solutions. The customer wanted a four sided cube with a scoreboard and integrated video screen on all four sides and furthermore it was a requirement that the cube could be divided in two.

The cube is now hanging in the indoor multisport arena and it is used for big games, concerts and other events. When the sports arena is divided into two smaller training courts by a curtain then the cube is also divided in two providing half a cube for each training court. Each side of the cube can be used at the same time without interfering with each other. We are very proud to have been chosen for this project and we are very proud of the result.



In control ...

NAUCON-1000

With this control panel, usability has been taken to a higher level.



NAUCON-1000

NAUCON-1000 comes with a full color touch screen developed for the new generation of Nautronic scoreboards making it easier to install, operate and maintain. This unique control panel - NAUCON-1000 - has some very special features:

- 5.7" graphical display with full color touch screen showing preview images of the board
- Touch keyboard for easy operation
- Get diagnostic info from connected scoreboards and test available input and outputs
- Expected battery life time under normal operation => 12 hours
- Battery level indicator
- Built-in rechargeable Li-Ion battery
- Charging time is about 5 hours
- Communication can be wired or wireless on 2.45GHz
- Cable connection with mini XLR
- Wireless communication can send up to 100 meters in free line of sight
- Export the game log to a USB flash key
- Import team and player names from excel into the NAUCON-1000
- One NAUCON-1000 can control up to 4 scoreboards in one area (in a group or separately)

Sports

- American Football
- A-H results
- Badminton
- Bandy
- Basketball
- Basketball 3x3
- Boxing
- Floorball
- Football/Soccer
- Futsal
- Handball
- Interval Training
- Ice Hockey
- Inline Hockey
- Mini Hockey
- Netball
- Tennis
- Volleyball
- Water Polo
- Wrestling

Languages

- Danish
- Dutch
- English
- Finnish
- French
- German
- Latvian
- Polish
- Russian
- Spanish
- Swedish
- and more to come

Handheld remote controls:

NAUCON-10, 20, 30 and 40



Naucon-10



Naucon-20



Naucon-30



Naucon-40

All Nautronic remote controls communicate via radio frequencies – 2,4 GHz – for high speed, no noise communication. Radio frequencies also enable up to 8 systems to function in a single sports centre using different channels.

NAUCON-10, 20, 30 AND 40

Especially developed high speed, high security, easy-to-use handheld remote controls for Nautronic scoreboards.

THE REMOTE CONTROLS

- are handy in size
- are using standard batteries (no charging)
- instantly wakes up when operated and goes back to sleep mode immediately after operation to save power
- have low sleep power level to ensure operation for 3 years (or pressing the buttons 80,000 times) between battery changes
- have a range of approx. 100 m in direct and free line of sight
- service light



Service light flashes red when a button is in use. A simple error check.

Nautronic digits are red and yellow and come in many different sizes to suit visibility at different distances. The digits contain a high number of LEDs and they have a 10 year warranty.



SIZES/	16 cm digit	21 cm digit	26 cm digit	33 cm digit	46 cm digit
DIODES:	77 diodes	105 diodes	169 diodes	285 diodes	338 diodes

The LEDs are very strong due to SMD technology applied. The scoreboard has a 170° viewing angle due to the bright LEDs and acrylic front plate ensuring no reflection even in direct sunlight.

For text lines Nautronic offers four sizes of characters

SIZES:	9 cm digit	15 cm digit	21 cm digit	30 cm digit
---------------	------------	-------------	-------------	-------------

Indoor Multisport

We are your reliable partner in scoring and time keeping
equipment for all kinds and sizes of sporting events



NAUTRONIC
SCOREBOARD SYSTEM



NA1615



120 cm

NA2115



150 cm

	NA1615	The most popular NA2115
Team scores (199-199)	16 cm – red	21 cm – red
Game clock (99:59)	16 cm – red	21 cm – yellow
Dimensions (cm)	120 x 53 x 8	150 x 67 x 8
Weight – net weight/packed (kg)	15/27	20/37
Readability (m)	60	120
Power consumption – max/average (W)	59/18	59/18
Power supply placement	T01	T01

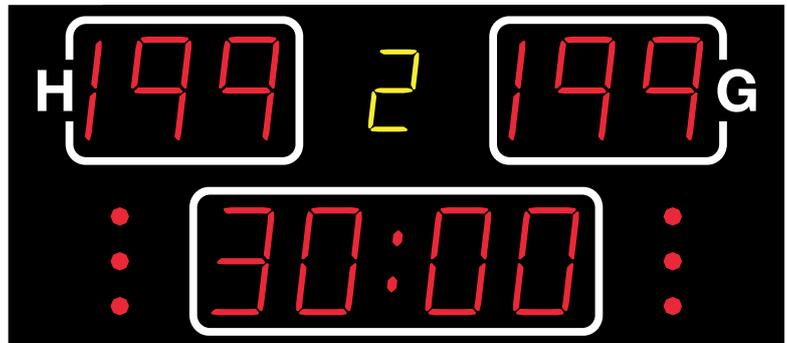


NA1620



120 cm

NA2120 • NA2620



150 cm

	NA1620	The most popular NA2120	NA2620
Team scores (199-199)	16 cm – red	21 cm – red	26 cm – red
Period (9)	16 cm – yellow	16 cm – yellow	21 cm – yellow
Game clock (99:59)	16 cm – red	21 cm – red	26 cm – red
Time out	Red dots	Red dots	Red dots
Dimensions (cm)	120 x 53 x 8	150 x 67 x 8	200 x 80 x 8
Weight – net weight/packed (kg)	18/30	23/40	32/56
Readability (m)	60	120	150
Power consumption – max/average (W)	127/39	129/39	153/46
Power supply placement	T01	T01	T01



NA2623T

FIBA LEVEL 2



200 cm

NA2123T



150 cm

NC21790



44 cm



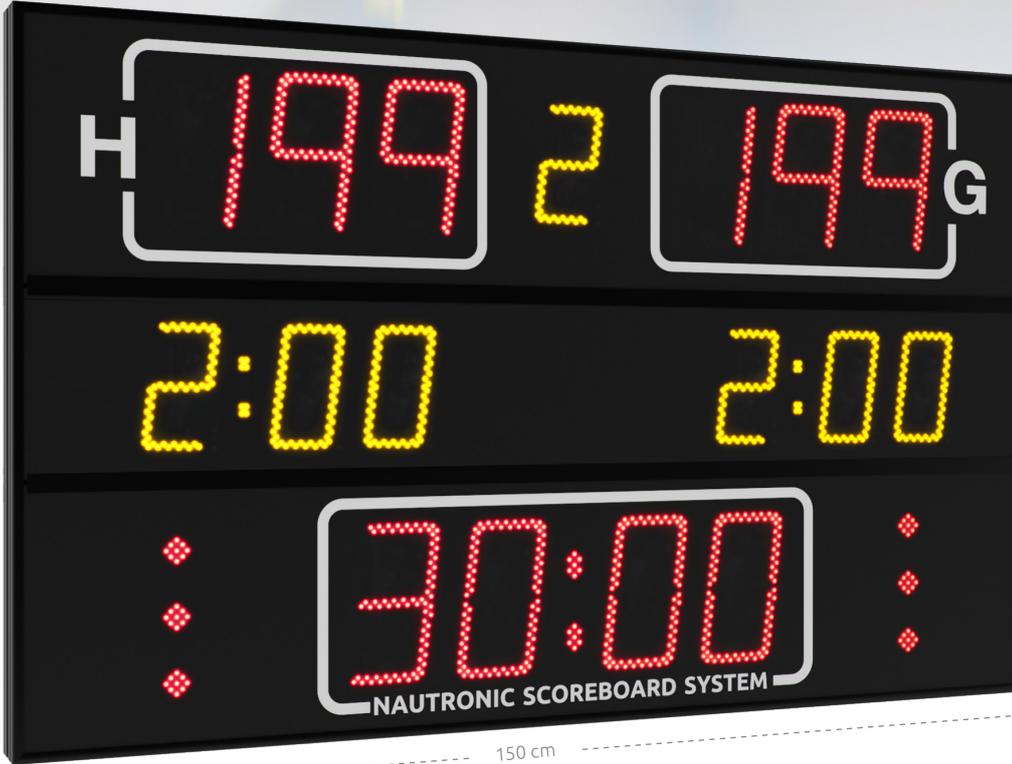
	NC21790
Time (99)	21 cm – red
1/10 of a second count (last 5 seconds)*	Yes
Scoreboard integration + synchronization	Yes
Dimensions (cm)	44 x 36 x 8
Weight – net weight/packed (kg)	(2 x 8) 16/20
Readability (m)	120
Power consumption – max/average (W)	25/8
Power supply placement	T03
Power supply placement	T01

	NA2123T	NA2623T
Team scores (199-199)	21 cm – red	26 cm – red
Period (9)	16 cm – yellow	16 cm – yellow
Game clock (99:59)	21 cm – red	26 cm – red
Time out	Red dots	Red dots
Dimensions (cm)	150 x 120 x 8	200 x 139 x 8
Weight – net weight/packed (kg)	35/62	50/88
Readability (m)	120	150
Power consumption – max/average (W)	129/39	129/39
Power supply placement	T01	T01
Team foul (9)	16 cm – yellow	16 cm – yellow with red #

NAUCON-1000 Control panel



NA1630 • **NA2130** • NA2630 • NA3330



Also available with
DAYTIME

NA2130D

Ask for:
NA1630D
NA2130D
NA2630D
NA3330D

Also available with
TEXT LINE

NA2130T

Ask for:
NA1630T
NA2130T
NA2630T
NA3330T



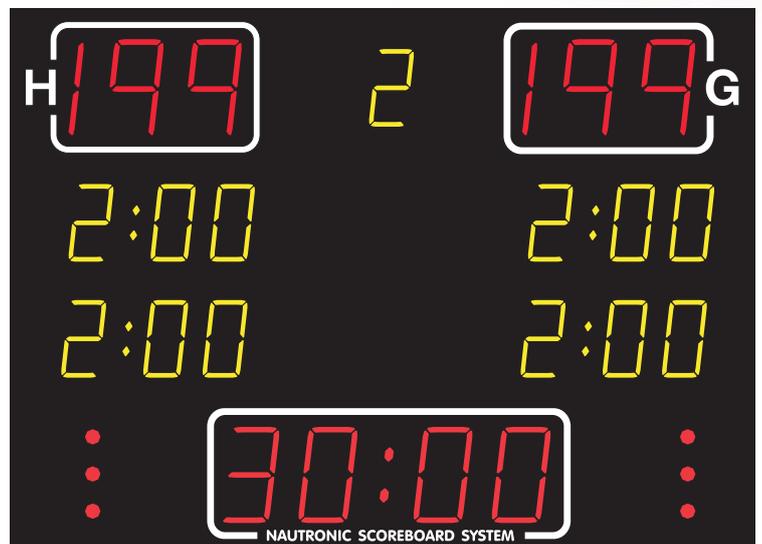
	NA1630	The most popular NA2130	NA2630	NA3330
Team scores (199-199)	16 cm – red	21 cm – red	26 cm – red	33 cm – red
Period (9)	16 cm – yellow	16 cm – yellow	21 cm – yellow	26 cm – yellow
Game clock (99:59)	16 cm – red	21 cm – red	26 cm – red	33 cm – red
Time out	Red dots	Red dots	Red dots	Red dots
Penalty (9:59)	16 cm – yellow	16 cm – yellow	21 cm – yellow	26 cm – yellow
Team foul (9)	16 cm – yellow	16 cm – yellow	21 cm – yellow	26 cm – yellow
Dimensions (cm)	120 x 80 x 8	150 x 93 x 8	200 x 113 x 8	200 x 130 x 8
Weight – net weight/packed (kg)	22/39	29/51	42/74	47/83
Readability (m)	60	120	150	200
Power consumption – max/average (W)	127/39	129/39	153/46	240/72
Power supply placement	T01	T01	T01	T01

NAUCON-1000
Control panel

NA2632T



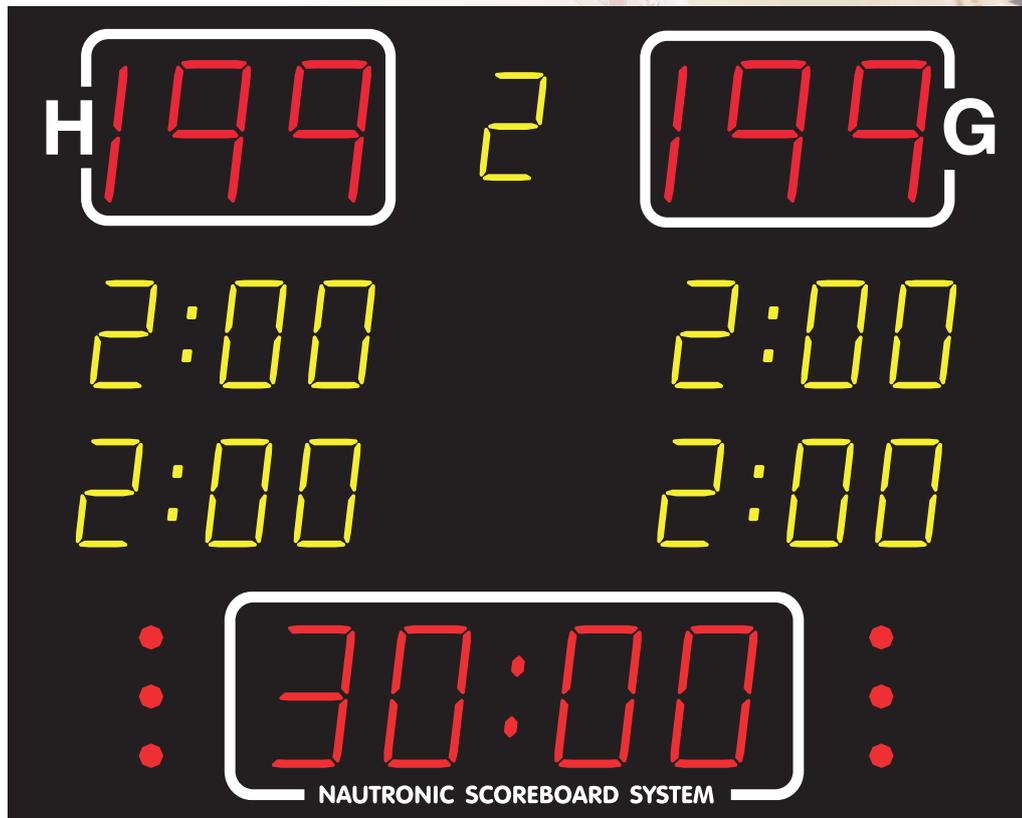
NA2632



	NA2632	The most popular NA2632T
Team scores (199-199)	26 cm – red	26 cm – red
Period (9)	21 cm – yellow	21 cm – yellow
Game clock (99:59)	26 cm – red	26 cm – red
Time out	Red dots	Red dots
Dimensions (cm)	200 x 147 x 8	200 x 172 x 8
Weight – net weight/packed (kg)	52/92	60/106
Readability (m)	150	150
Power consumption – max/average (W)	153/46	153/46
Power supply placement	T01	T01



NA2132 • NA2132T



150 cm

NA2132T



150 cm

	NA2132	The most popular NA2132T
Team scores (199-199)	21 cm – red	21 cm – red
Period (9)	16 cm – yellow	16 cm – yellow
Game clock (99:59)	21 cm – red	21 cm – red
Time out	Red dots	Red dots
Dimensions (cm)	150 x 120 x 8	150 x 140 x 8
Weight – net weight/packed (kg)	35/62	40/70
Readability (m)	120	120
Power consumption – max/average (W)	35/62	40/70
Power supply placement	T01	T01



NA2136 • NA2636 • NA3336

SPECIAL FEATURE!

**Team foul
 for futsal**

Also available with
TEXT LINE

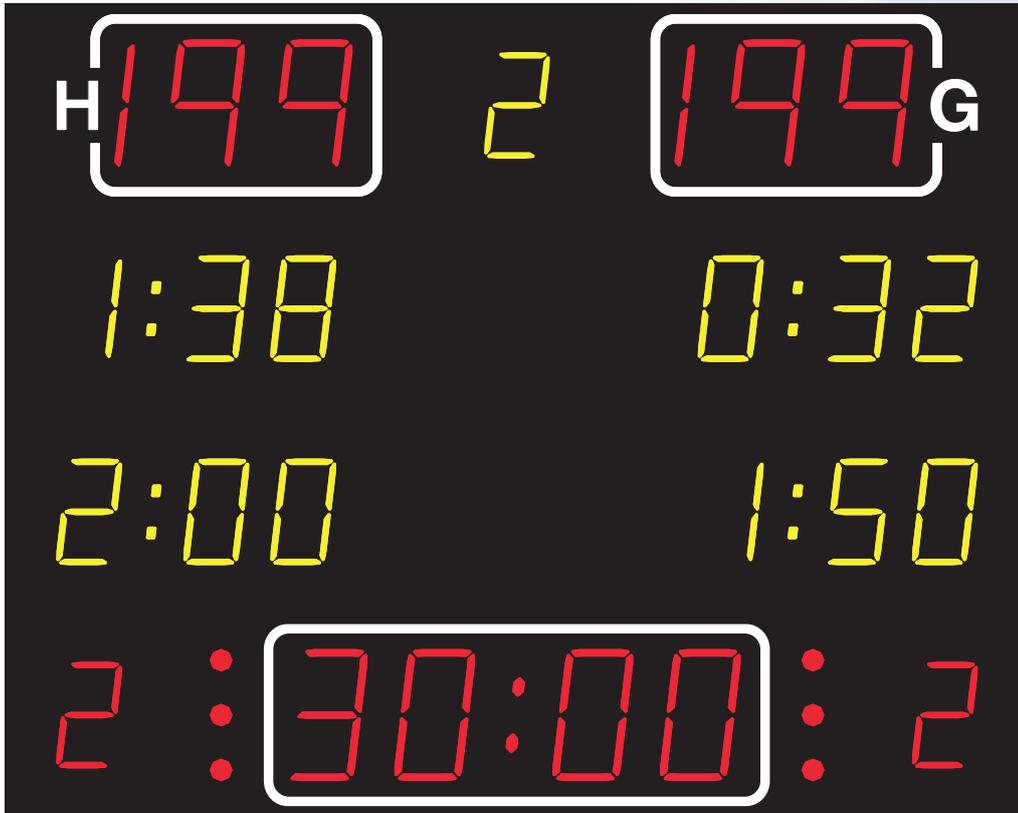
NA2636T



----- 200 cm -----

Ask for:
NA2136T
NA2636T
NA3336T

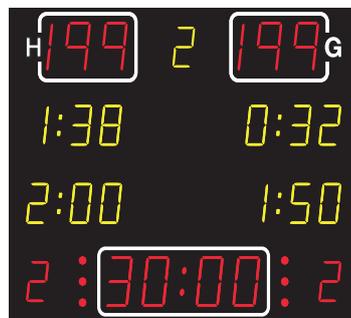
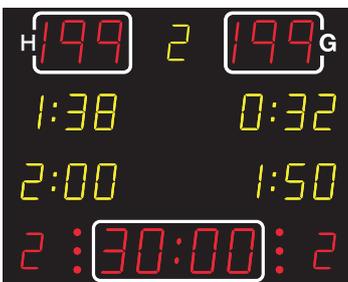
NAUCON-1000
 Control panel



----- 150 cm -----

NA2636

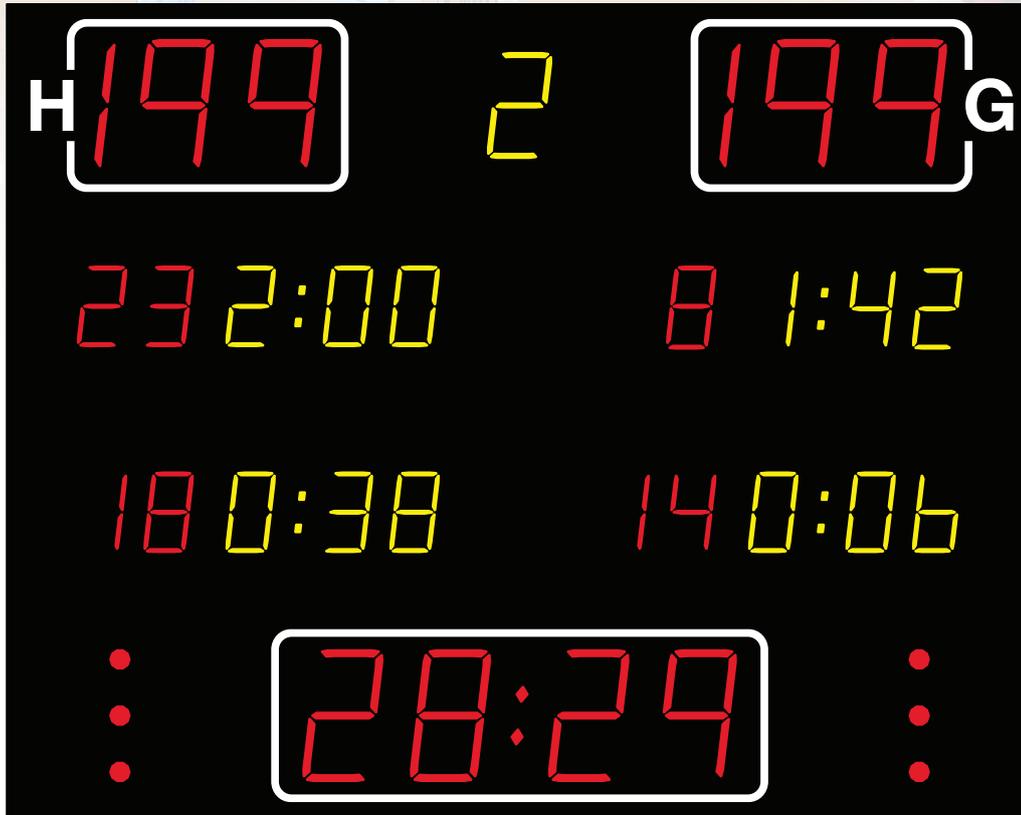
NA3336



----- 200 cm -----

	NA2136	The most popular NA2636	NA3336
Team scores (199-199)	16 cm – red	26 cm – red	33 cm – red
Period (9)	16 cm – yellow	21 cm – yellow	26 cm – yellow
Game clock (99:59)	16 cm – red	26 cm – red	33 cm – red
Time out	Red dots	Red dots	Red dots
Penalty (9:59)	16 cm – yellow	21 cm – yellow	26 cm – yellow
Team foul (9)	16 cm – red	21 cm – red	21 cm – red
Dimensions (cm)	150 x 120 x 8	200 x 147 x 8	200 x 170 x 8
Weight – net weight/packed (kg)	35/62	52/92	59/105
Readability (m)	60	150	200
Power consumption – max/average (W)	127/39	219/66	330/99
Power supply placement	T01	T01	T01

NA2142 • NA2642 • NA3342



SPECIAL FEATURE!

Previous Sets for Volleyball

SETTINGS FOR VOLLEYBALL

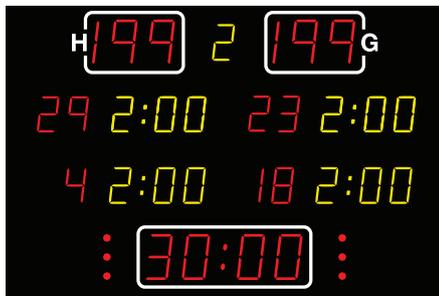
NA2642



200 cm

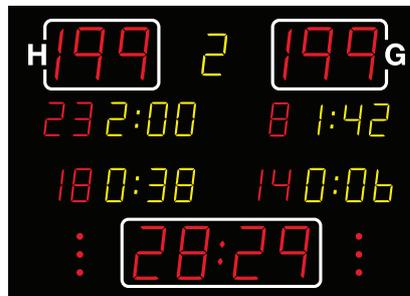
Ask for:
NA2142
NA2642
NA3342

NA2142



200 cm

NA3342



250 cm

NAUCON-1000
Control panel



	NA2142	The most popular NA2642	NA3342
Team scores (199-199)	21 cm – red	26 cm – red	33 cm – red
Period (9)	16 cm – yellow	21 cm – yellow	26 cm – yellow
Game clock (99:59)	21 cm – red	26 cm – red	33 cm – red
Time out	Red dots	Red dots	Red dots
Penalty (9:59)	16 cm – yellow	16 cm – yellow	21 cm – yellow
Team foul (9)	16 cm – yellow	16 cm – yellow	21 cm – yellow
Individual player no.	16 cm - red	16 cm – red	21 cm – red
Dimensions (cm)	200 x 120 x 8	200 x 147 x 8	250 x 157 x 8
Weight – net weight/packed (kg)	44/78	52/92	67/119
Readability (m)	120	150	200
Power consumption – max/average (W)	233/70	271/82	414/125
Power supply placement	T01	T01	T21

6

HOME TEAM GUEST TEAM

6 0

7 24

actavis

4 PLAYER NAME 4
5 PLAYER NAME 5
6 PLAYER NAME 6
7 PLAYER NAME 7
8 PLAYER NAME 8
9 PLAYER NAME 9
10 PLAYER NAME 10
11 PLAYER NAME 11
12 PLAYER NAME 12
13 PLAYER NAME 13
14 PLAYER NAME 14
15 PLAYER NAME 15

4 PLAYER NAME 4
5 PLAYER NAME 5
6 PLAYER NAME 6
7 PLAYER NAME 7
8 PLAYER NAME 8
9 PLAYER NAME 9
10 PLAYER NAME 10
11 PLAYER NAME 11
12 PLAYER NAME 12
13 PLAYER NAME 13
14 PLAYER NAME 14
15 PLAYER NAME 15

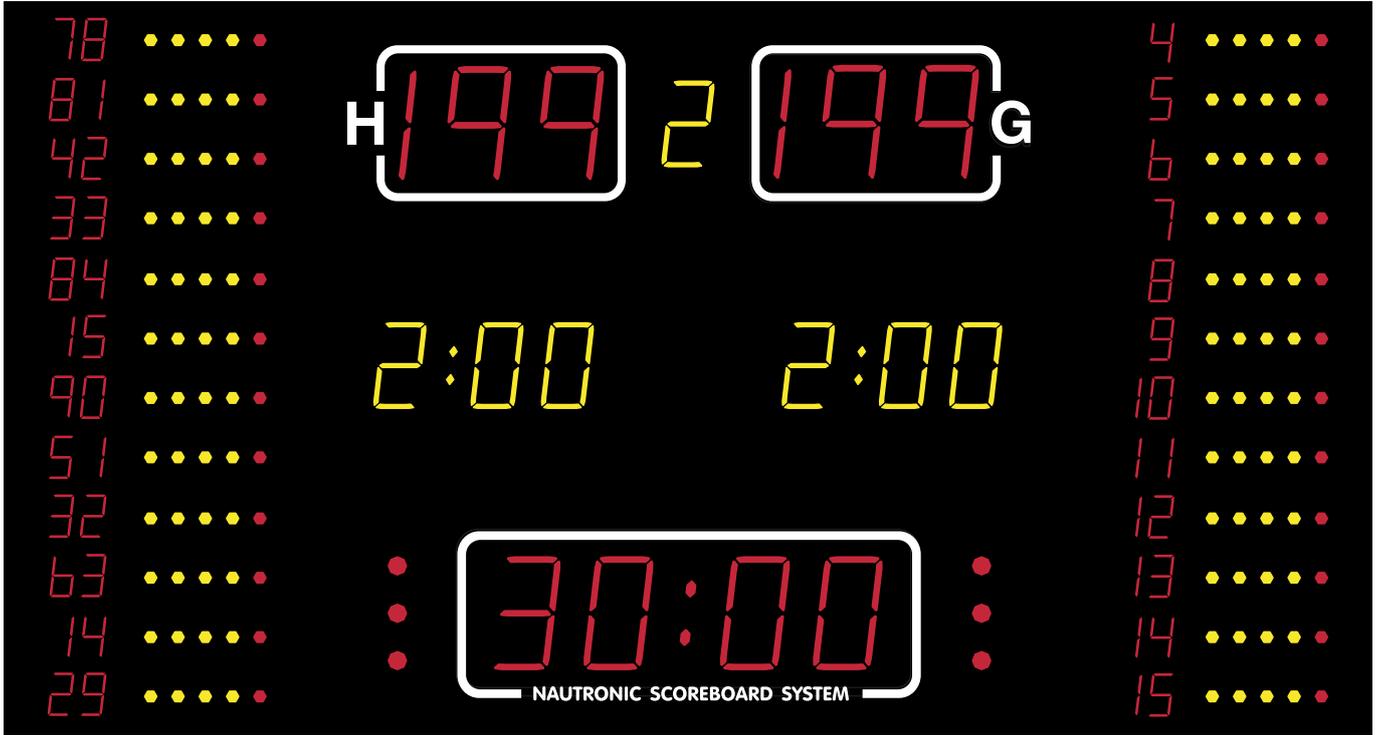
Indoor Basketball

FIBA approved for all levels
Expert advice when equipping sports halls according to
FIBA regulations



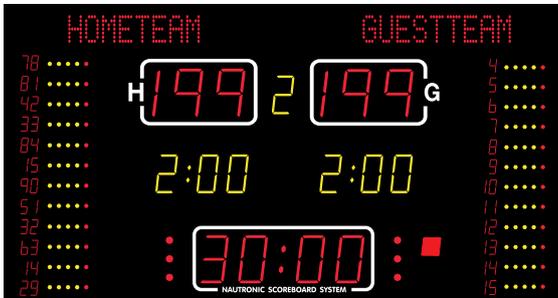
NAUTRONIC
SCOREBOARD SYSTEM

NA2154 • NA2654



250 cm

NA2654T



FIBA LEVEL 2

300 cm

Also available with
16 PLAYERS

NA2654-16



300 cm

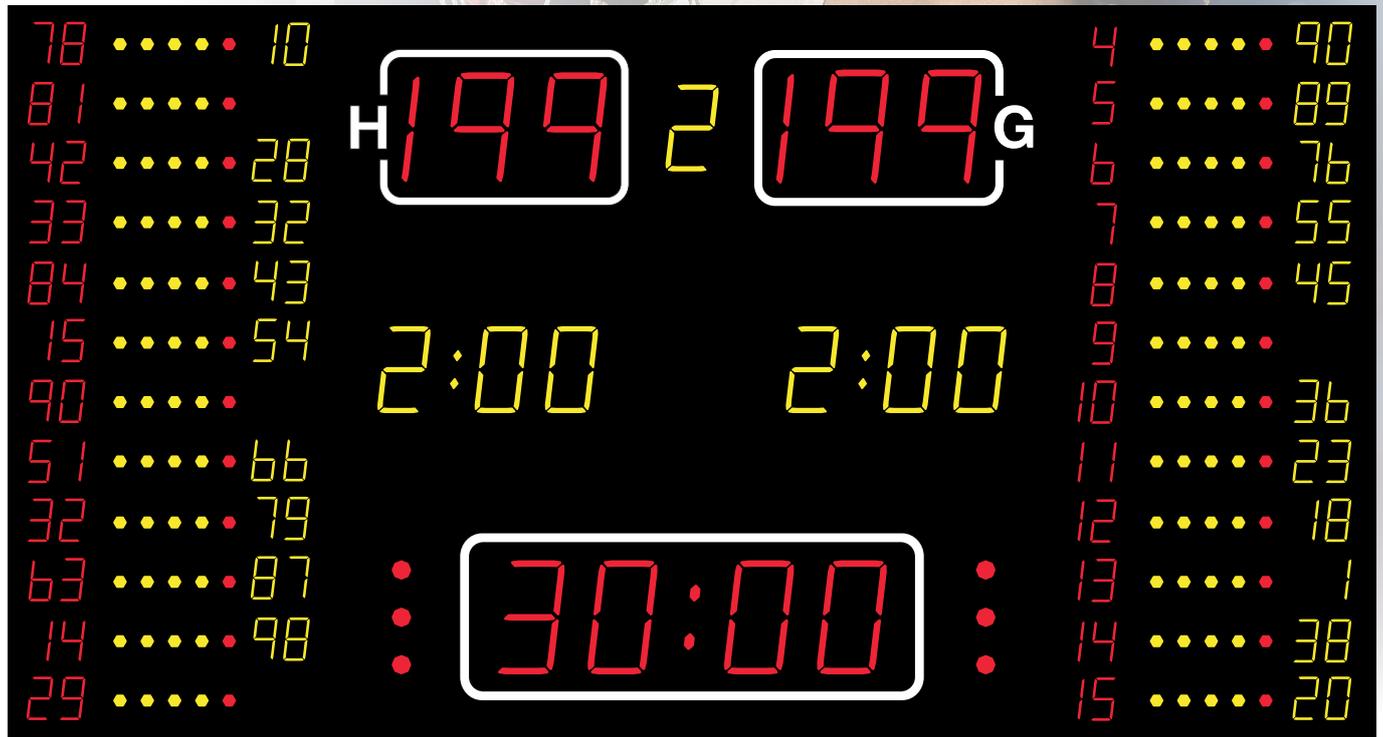
Ask for:
NA2154-16
NA2654-16

	NA2154	NA2654
Team scores (199-199)	21 cm – red	26 cm – red
Period (9)	16 cm – yellow	21 cm – yellow
Game clock (99:59)	21 cm – red	26 cm – red
Time out/penalty	Red dots	Red dots
Penalty (9:59)	16 cm – yellow	21 cm – yellow
Team foul (9)	16 cm – yellow	21 cm – yellow
Individual player no.	8 cm – red	8 cm – red
Individual player foul	Yellow/red dots	Yellow/red dots
Dimensions (cm)	250 x 135 x 8	300 x 135 x 8
Weight – net weight/packed (kg)	59/104	69/122
Readability (m)	120	150
Power consumption – max/average	225/68	384/115
Power supply placement	T21	T20

NAUCON-1000
Control panel



NA2155 • NA2655



250 cm

NA2655T



300 cm

Also available with
16 PLAYERS

NA2655-16



300 cm

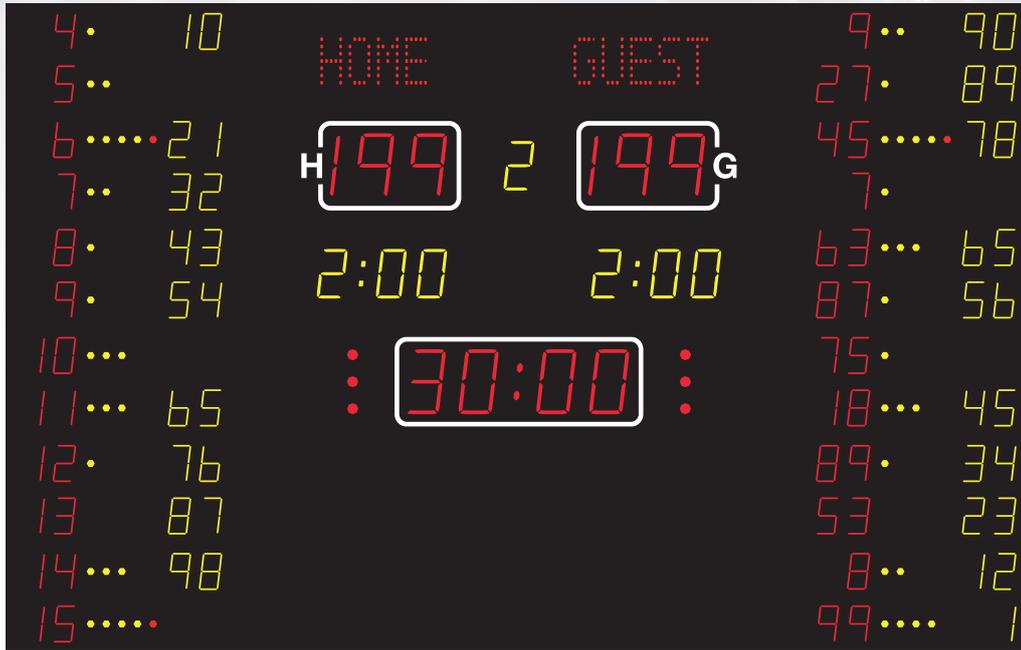
Ask for:
NA2155-16
NA2655-16

	NA2155	NA2655
Team scores (199-199)	21 cm – red	26 cm – red
Period (9)	16 cm – yellow	21 cm – yellow
Game clock (99:59)	21 cm – red	26 cm – red
Time out	Red dots	Red dots
Penalty/foul (9:59)	16 cm – yellow	21 cm – yellow
Individual player no.	8 cm – red	8 cm – red
Team foul (9)	16 cm – yellow	16 cm – yellow
Individual player foul	yellow/red dots	yellow/red dots
Dimensions (cm)	250 × 135 × 8	300 × 135 × 8
Weight – net weight/packed (kg)	59/104	69/122
Readability (m)	120	150
Power consumption – max/average (W)	–	–
Power supply placement	–	–

NAUCON-1000
Control panel



NA2164T • NA2664T • NA3364T



Also available without
**INDIVIDUAL
SCORE**

NA2162

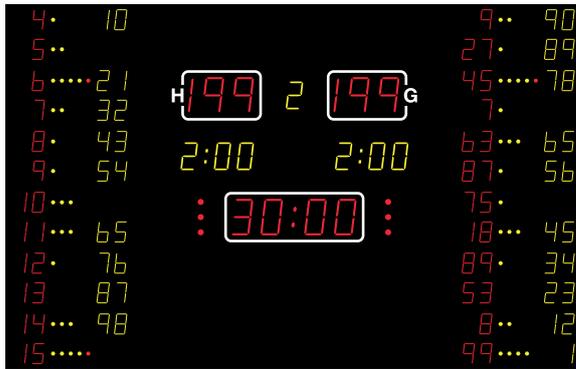


----- 330 cm -----

Ask for:
NA2162
NA2662
NA3362

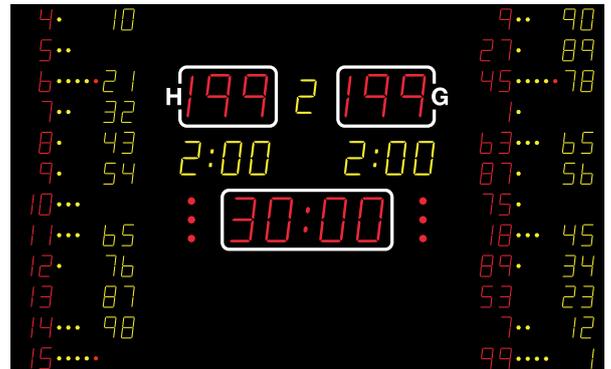
----- 330 cm -----

NA2664



----- 370 cm -----

NA3364

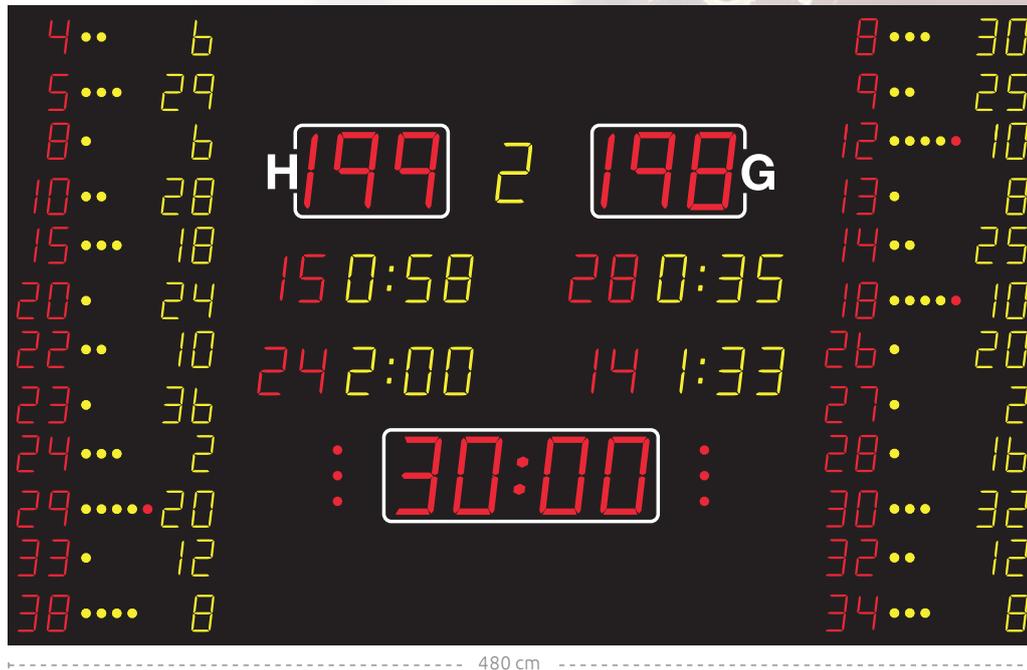


----- 430 cm -----

	NA2164T	The most popular NA2664	NA3364
Team scores (199-199)	21 cm – red	26 cm – red	33 cm – red
Period (9)	16 cm – yellow	21 cm – yellow	26 cm – yellow
Game clock (99:59)	21 cm – red	26 cm – red	33 cm – red
Time out	Red dots	Red dots	Red dots
Penalty/foul (9:59)	16 cm – yellow	21 cm – yellow	26 cm – yellow
Individual player no.	12 cm – red	12 cm – red	16 cm – red
Individual player foul	Yellow/red dots	Yellow/red dots	Yellow/red dots
Individual player score	12 cm – yellow	12 cm – yellow	16 cm – yellow
Dimensions (cm)	330 x 210 x 8	370 x 210 x 8	430 x 270 x 8
Weight – net weight/packed (kg)	112/200	125/223	182/326
Readability (m)	120	150	200
Power consumption - max/average (W)	553/166	585/176	1056/312
Power supply placement	–	–	–



NA2166 • NA2666 • **NA3366**



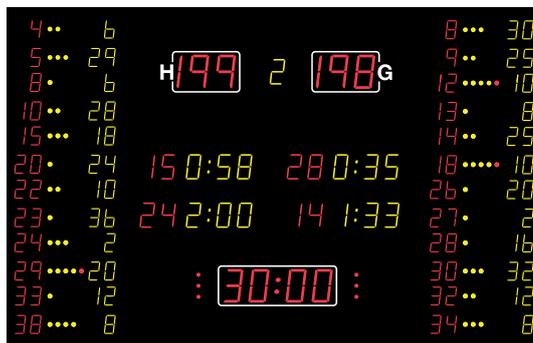
Also available without
**INDIVIDUAL
SCORE**

NA2663

370 cm

Ask for:
NA2163
NA2663
NA3363

NA2166



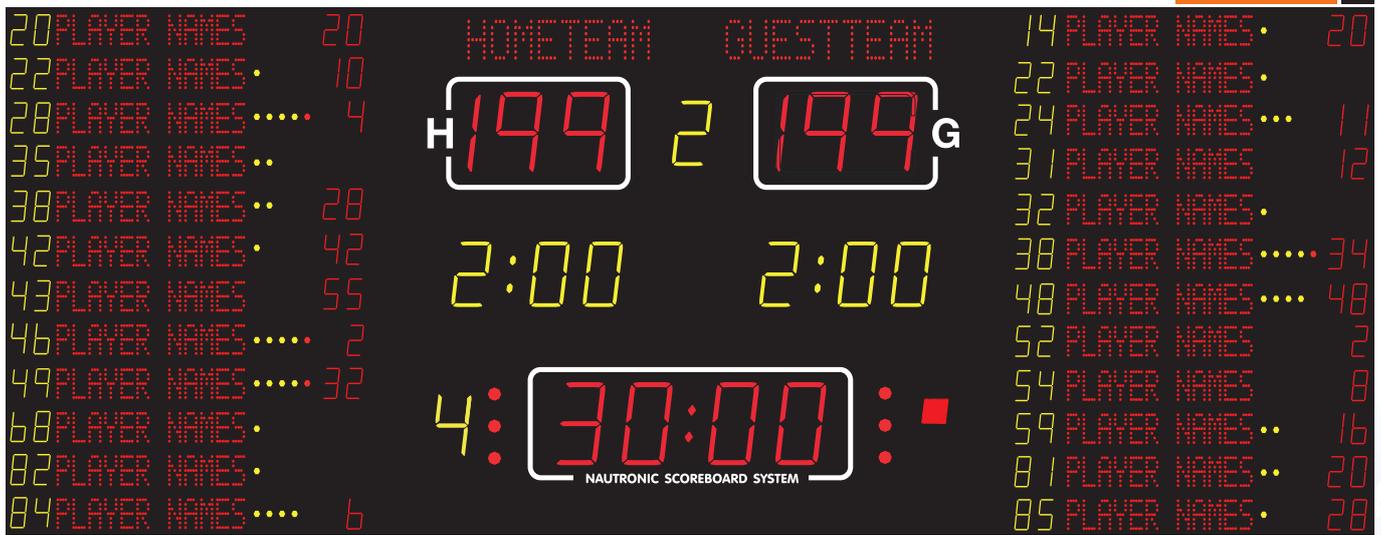
NA2666



	NA2166	NA2666	The most popular NA3366
Team scores (199-199)	21 cm – red	26 cm – red	33 cm – red
Period (9)	16 cm – yellow	21 cm – yellow	26 cm – yellow
Game clock (99:59)	21 cm – red	26 cm – red	33 cm – red
Time out	Red dots	Red dots	Red dots
Penalty/foul (9:59)	16 cm – yellow	16 cm – yellow	21 cm – yellow
Player no. in front of penalties	16 cm – red	16 cm – red	21 cm – red
Individual player no.	12 cm – red	12 cm – red	16 cm – red
Individual player foul	Yellow/red dots	Yellow/red dots	Yellow/red dots
Individual player score	12 cm – yellow	12 cm – yellow	16 cm – yellow
Dimensions (cm)	330 x 210 x 8	370 x 210 x 8	480 x 270 x 8
Weight - net weight/packed (kg)	112/200	125/223	202/363
Readability (m)	120	150	200
Power consumption – max/average (W)	553/166	585/176	1056/312
Power supply placement	–	–	–

NAUCON-1000
Control panel

NX33401



540 cm

NX26401



530 cm

	NX26401	The most popular NX33401
Team scores (199-199)	26 cm – red	33 cm – red
Period (9)	21 cm – yellow	26 cm – yellow
Game clock (99:59)	26 cm – red	33 cm – red
Time out	Red dots	Red dots
Text line/team names	15 cm red - 20 characters	15 cm red – 20 characters
Penalty (9:59)	21 cm – yellow	26 cm – yellow
Team foul (9)	21 cm – yellow with red #	26 cm – yellow with red #
Individual player no.	12 cm – yellow	12 cm – yellow
Player names	9 cm red – 12 characters	9 cm red – 12 characters
Individual player foul	Yellow/red dots	Yellow/red dots
Individual player score	12 cm – red	12 cm – red
Dimensions (cm)	530 x 210 x 8	540 x 210 x 8
Weight – net weight/packed (kg)	175/314	178/319
Readability (m)	150	200
Power consumption – max/average (W)	1010/300	1097/367
Power supply placement	–	–





FIBA approved for all levels

Expert advise when equipping sports halls according to FIBA regulations

FIBA Level 2

NA2623T

FIBA LEVEL 2



----- 200 cm -----

NAUCON-1000
Remote controls



NC21790
Shot clocks



----- 44 cm -----

WIRED CONTROL
Shot clocks



NX33040-32

FIBA LEVEL 1

Scoreboard NX33040-32 displays the following information:

- Home Team Score: 199
- Guest Team Score: 199
- Game Time: 4:30:00
- Remaining Time: 2:00 (Home), 2:00 (Guest)
- Player Names: 20 names on each side.

650 cm

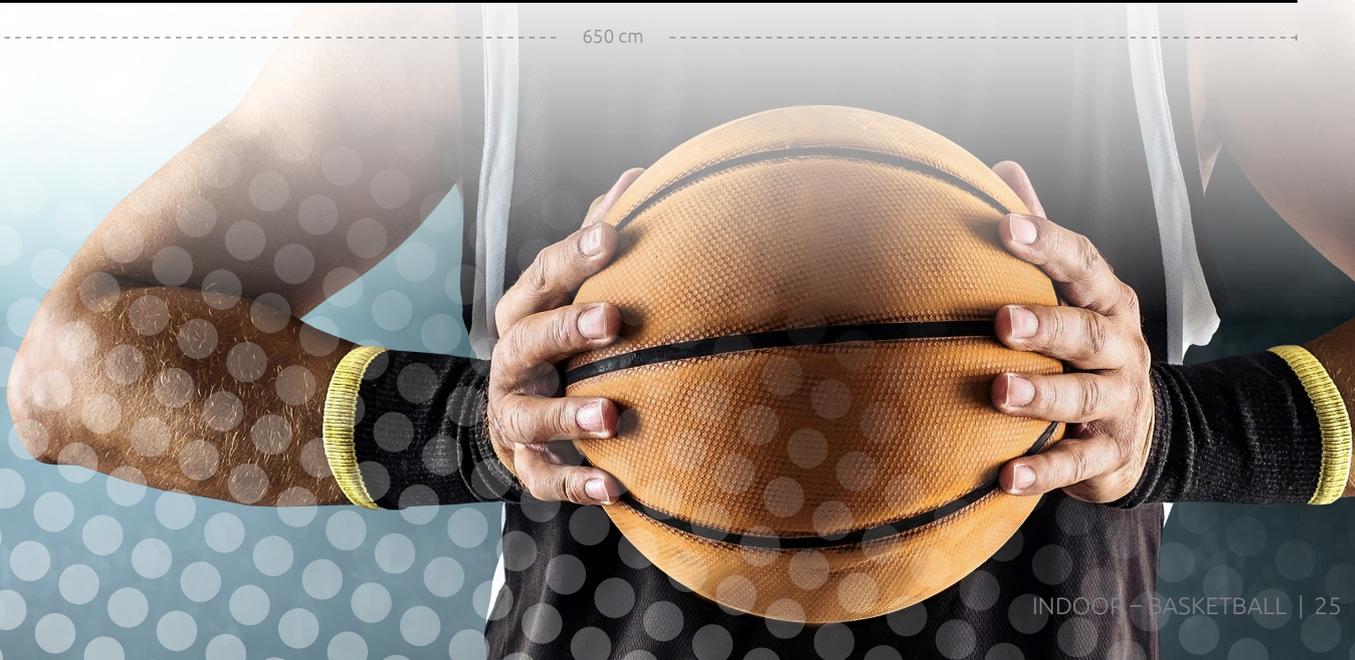
NX33040-43

FIBA LEVEL 1

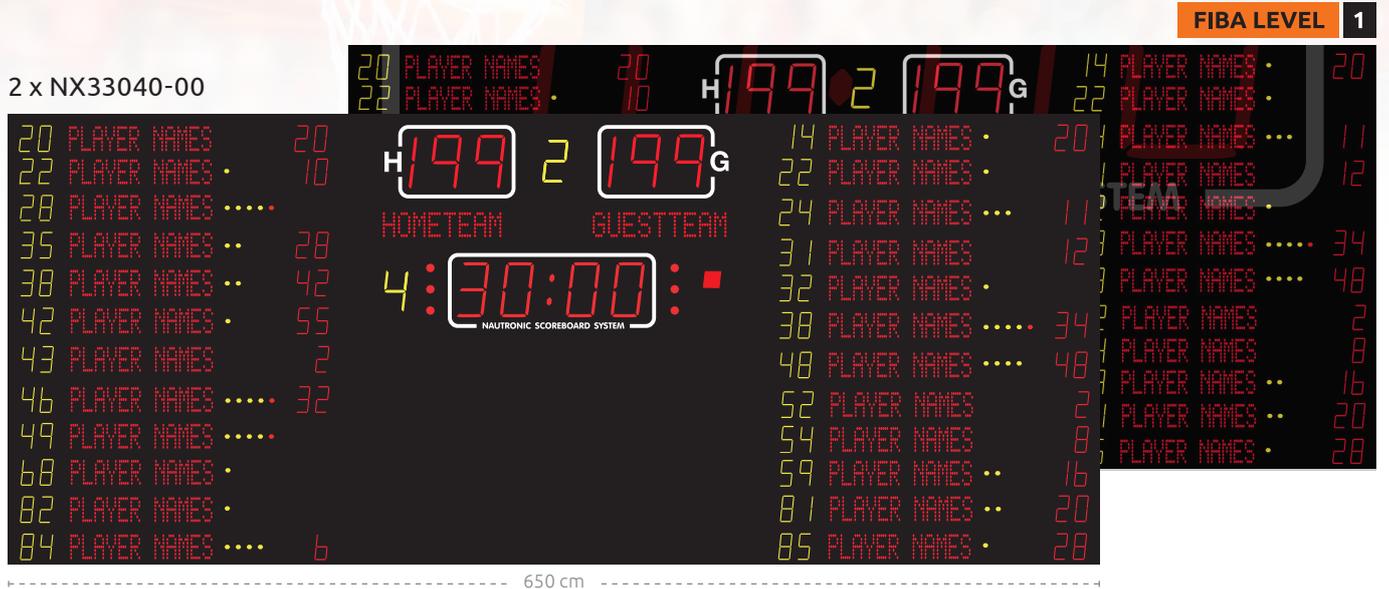
Scoreboard NX33040-43 displays the following information:

- Home Team Score: 199
- Guest Team Score: 199
- Game Time: 4:30:00
- Remaining Time: 29:2:00 (Home), 23:2:00 (Guest)
- Player Names: 20 names on each side.

650 cm



FIBA Level 1 configuration



NG261
Ball possession arrow



30x16x10 cm

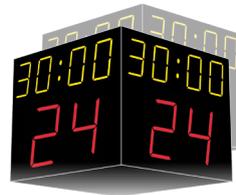
2 X NAUCON-1000
Remote controls



1 X NG266-B
1 X NG270-B
LEDs



1 X NC26798
4-sided shot clocks



67x67x60 cm

WIRED CONTROL
Shot clocks



	NX33040-00	NX33040-32	NX33040-43
Team scores (199-199)	33 cm – red	33 cm – red	33 cm – red
Period (9)	26 cm – yellow	26 cm – yellow	26 cm – yellow
Game clock (99:59)	33 cm – red	33 cm – red	33 cm – red
Time out	Red dots	Red dots	Red dots
Text line/team names	15 cm red – 20 characters	15 cm red – 20 characters	15 cm red – 20 characters
Team foul (9)	26 cm – yellow with red #	26 cm – yellow with red #	26 cm – yellow with red #
Penalty (9:59)	–	26 cm – yellow	26 cm – yellow
Individual player no.	16 cm – yellow	16 cm – yellow	16 cm – yellow
Player names	15 cm red – 12 characters	15 cm red – 12 characters	15 cm red – 12 characters
Individual player foul	Yellow/red dots	Yellow/red dots	Yellow/red dots
Individual player score	16 cm – red	16 cm – red	16 cm – red
Dimensions (cm)	650 x 270 x 8	650 x 270 x 8	650 x 270 x 8
Weight – net weight/packed (kg)	271/487	271/487	271/487
Readability (m)	200	200	200
Power consumption – max/average (W)	1517/456	1517/456	1517/456



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nautronic.com

NAUTRONIC
SCOREBOARD SYSTEM

Nautronic Scoreboard System (software)

Graphic scoreboard on video screen - FIBA level 1 certified



SOFTWARE REQUIREMENT
A Microsoft Windows®
based computer.



NGSW330

FIBA LEVEL 1

4 BJØRNSSEN	15	36	55	4 E. SAMSON	10
5 H. MODSENSSEN	4			5 R. ECHEL	5
6 SUMMERIZE				6 R. YI SOMNI	
7 TASSEN	1	HOMETEAM	GUESTTEAM	7 V. BENNET	8
8 NÆSQUE				8 H. MODSENSSEN	
9 O-K. NIELSEN	2			9 ML. PEDERSEN	16
11 CHRISTOFFERSEN				11 V. BENNET	
12 CHRISTIANSEEN				12 H. MODSENSSEN	
13 M. LARSEN				13 ML. PEDERSEN	
15 W. WELTHEEM				15 J. SMITH	11
16 SUMMERIZE				16 S. FIRP	5
17 TASSEN	14			17 M. WEBSTER	
18 NÆSQUE				18 L. SUMMER	

09:30

0:30

11 NÆSQUE		11 R. YI SOMNI	
12 BJØRNSSEN		12 V. BENNET	
13 H. MODSENSSEN		13 H. MODSENSSEN	
15 SUMMERIZE		15 ML. PEDERSEN	11
16 TASSEN		16 V. BENNET	5
17 NÆSQUE	14	17 H. MODSENSSEN	
18 O-K. NIELSEN		18 ML. PEDERSEN	

512 cm

NGSW330	
Team scores (99-99)	30 cm digits
Time (99:59)	30 cm digits
Game clock (99:59)	30 cm digits
Player names	12 chr. / 15 cm
Minimum dimensions	512 x 230 cm
Resolution (pixels)	640 x 288

CUSTOMIZABLE

Change Color Themes



Synchronized shot clocks

NC26792



NC26798



NC26796



*NAUCON-1000 + wired control

**Sold in
pairs of
two**

WIRED CONTROL
For NAUCON-1000



NAUCON-1000
Control panel



NAUCON-1000 comes with a 14 second switch button.

	FIBA LEVEL 2	FIBA LEVEL 1	FIBA LEVEL 1
	NC26792	NC26796	NC26798
Game clock (99:59)	16 cm – yellow	16 cm – yellow	16 cm – yellow
1/10 of a second count (last 5 seconds)*	Yes	Yes	Yes
Time (99)	26 cm – red	26 cm – red	26 cm – red
Time run out sound	Loud horn	Loud horn	Loud horn
Dimensions (cm)	63 x 60 x 8	3x (63 x 60)	67 x 60 x 67
Weight – net weight/packed (kg)	(2 x 12) 24/45	(2 x 29) 58/120	(2 x 33) 66/120
Number of display sides	Single side	3 sided	4 sided
Used for FIBA	Level 2	Level 1	Level 1
Power consumption – max/average (W)	48/15	140/42	192/58
Power supply placement	T01	T01	T01

Backboard light – red & yellow



Red and yellow self-adhesive LED strips. The strips are connected to shot clocks for power.

NG266-B
RED BACKBOARD LIGHT

– 1 set = 2 pcs

NG266-E-B = 1 pcs

Red strips will light up at the end of a period.

NG270-B
YELLOW BACKBOARD LIGHT

– 1 set = 2 pcs

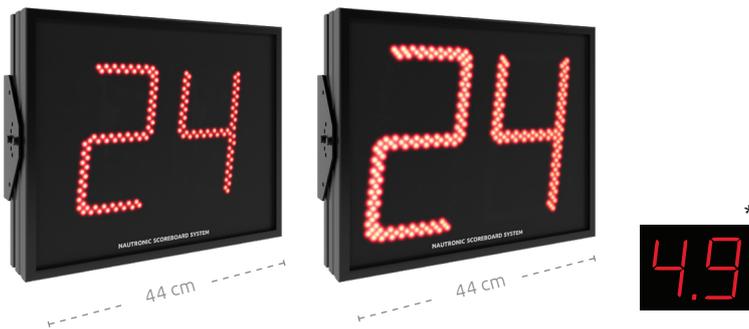
NG270-E-B = 1 pcs

Yellow strips will light up when shot clock time runs out.

Synchronized shot clocks

NC21790

NC26790



	NC21790	NC26790
Time (99)	21 cm – red	26 cm – red
1/10 of a second count (last 5 seconds)*	Yes	Yes
Scoreboard integration + synchronization	Yes	Yes
Dimensions (cm)	44 x 36 x 8	44 x 36 x 8
Weight – net weight/packed (kg)	(2 x 8) 16/20	(2 x 8) 16/20
Readability (m)	120	150
Power consumption – max/average (W)	25/8	28/8
Power supply placement	T03	T03

Ball possession arrow

NG261

For the referee table.



BUILT-IN POSSESSION ARROW

It is possible to get a built-in possession arrow on the scoreboard. Ask your sales department for placement and price.

Stand-alone shot clocks

NC21750

NC26750



**Sold in
pairs of
two**

Synchronized shot clocks

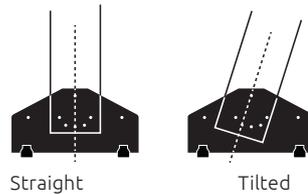
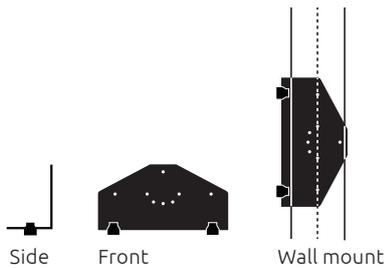
SPECIAL FEATURE!
**Scoreboard
Integration**

NC21790

NC26790



NC26750
Shot clock with handle
on top and adjustable
feet /fittings.



Adjustable metal
fitting feet.

Metal fitting with rubber knots for standing and multiple holes for stand-alone or wall mounting.

Metal fittings with multiple holes to enable tilting to increase visibility for spectators.

	NC21750	The most popular NC26750	NC21790*	NC26790*
Time (99)	21 cm – red	26 cm – red	21 cm – red	26 cm – red
Time run out sound	Loud horn	Loud horn	Loud horn	Loud horn
Scoreboard integration + synchronization	–	–	Yes	Yes
Dimensions (cm)	44 x 36 x 8	44 x 36 x 8	44 x 36 x 8	44 x 36 x 8
Weight – net weight/packed (kg)	(2 x 8) 16/20	(2 x 8) 16/20	(2 x 8) 16/20	(2 x 8) 16/20
Readability (m)	120	150	120	150
Power consumption - max/average (W)	25/8	25/9	25/8	28/8
Power supply placement	T03	T03	T03	T03

NAUCON-20
Remote control

*NAUCON-1000 + wired control

FIBA 3x3 basketball scoreboard

NHA1627T



110 cm

NG-LS is an automatic built-in light sensor, which adjusts the brightness of the LEDs.

For outdoor use in sunlight, the intensity of the LEDs will be at its highest to ensure that the digits can be seen. When it gets dark outside the light sensor will dim the light intensity to ensure that the light does not dazzle. If an outdoor portable scoreboard is used indoors, the NG-LS light sensor will dim the light intensity.

Included in NHC21756, NHC21757 and NHA1627T

NHC21756

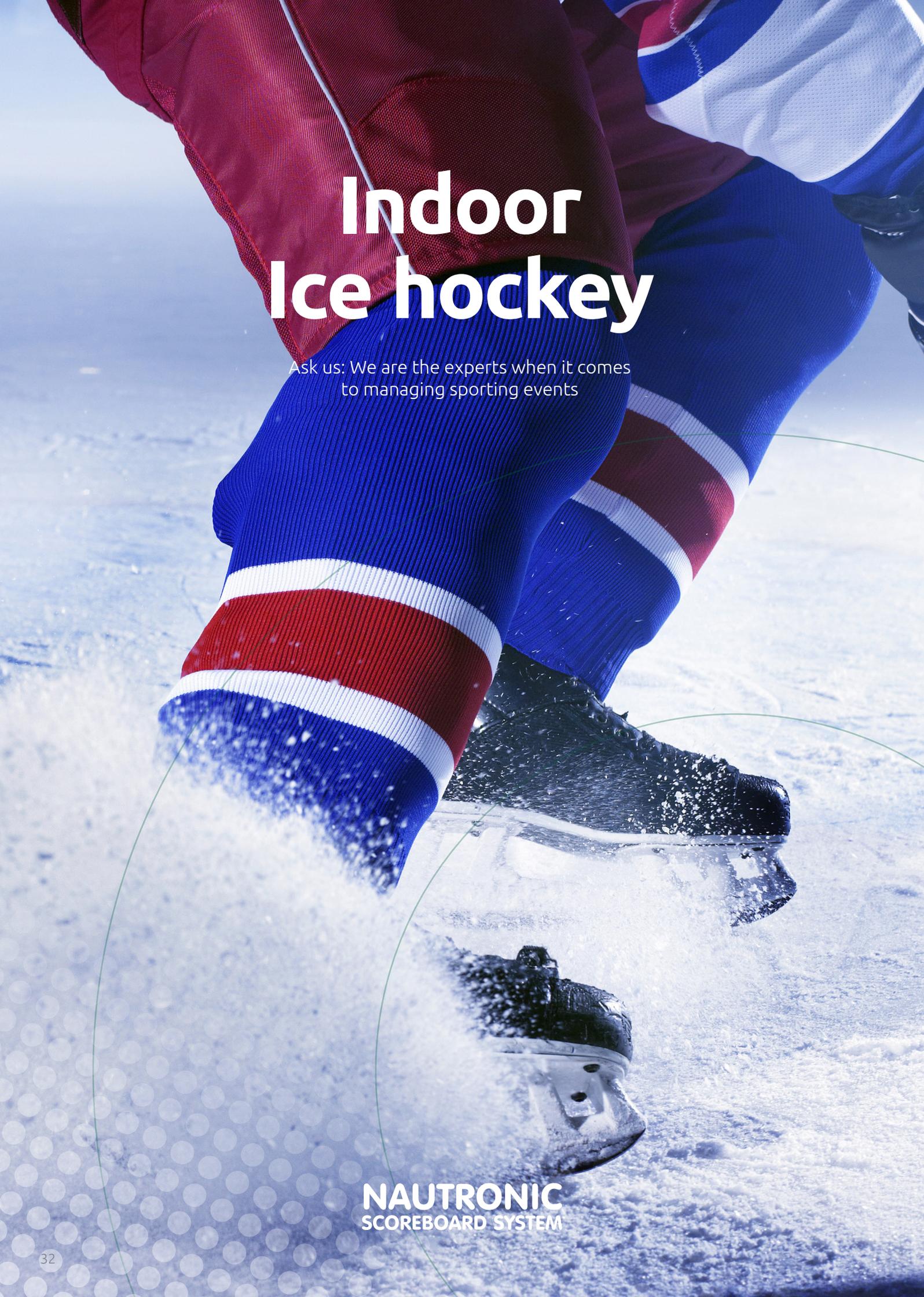
With feet / For wall mounting.



NHC21757

Built-in.



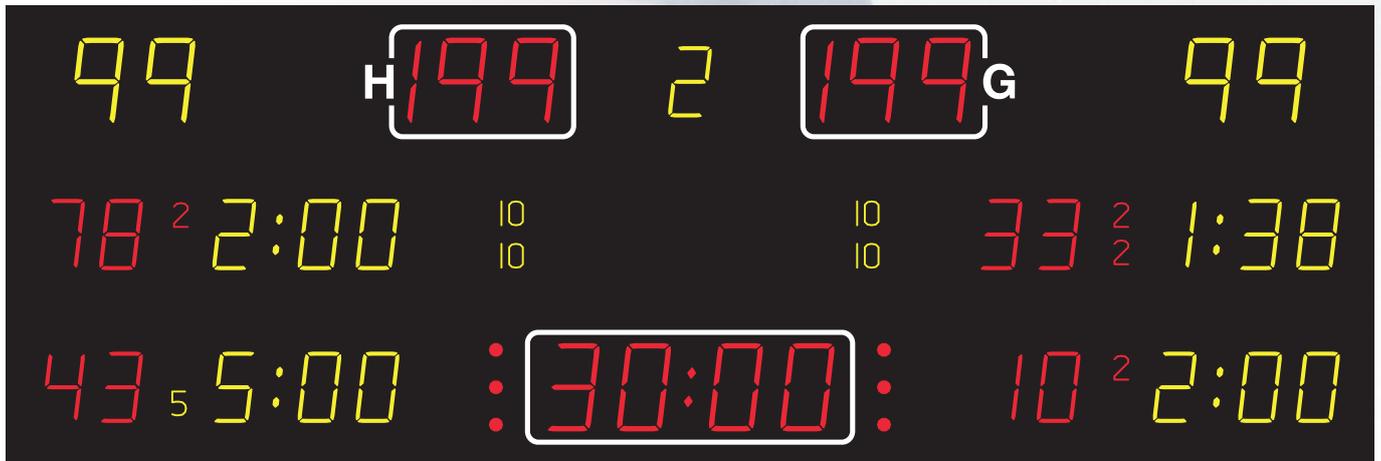


Indoor Ice hockey

Ask us: We are the experts when it comes
to managing sporting events

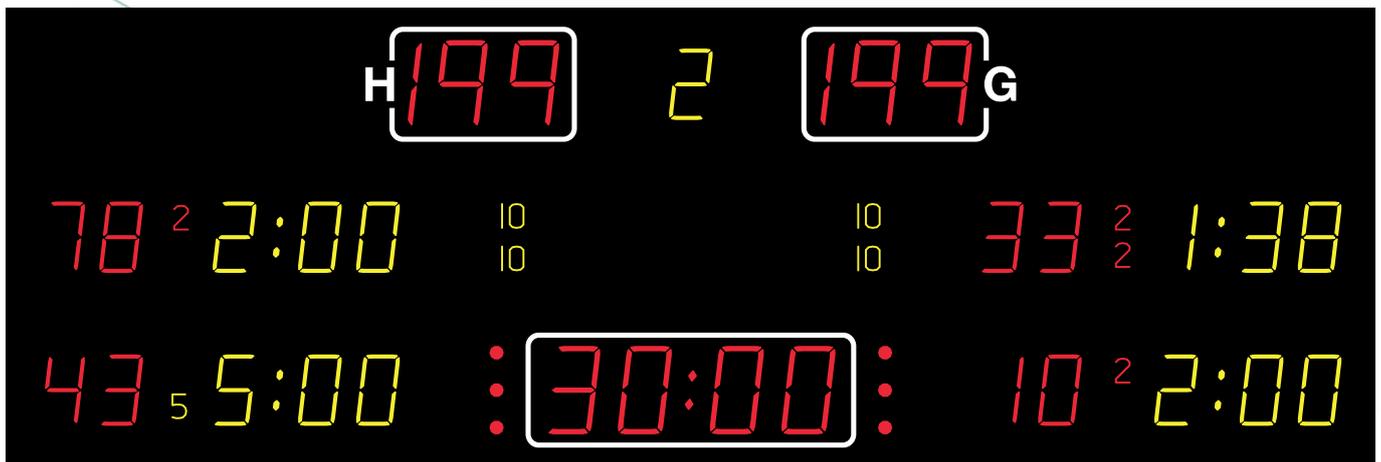
NAUTRONIC
SCOREBOARD SYSTEM

NA2672



400 cm

NA2671



400 cm

	NA2671	The most popular NA2672
Team scores (199-199)	26 cm – red	26 cm – red
Period (9)	21 cm – yellow	21 cm – yellow
Game clock (99:59)	26 cm – red	26 cm – red
Time out	Red dots	Red dots
Penalty (9:59)	21 cm – yellow	21 cm – yellow
Player no. in front of penalties	21 cm – red	21 cm – red
2/5 min. penalty	10 cm – red/yellow	10 cm – red/yellow
10 min. penalty	10 cm – yellow	10 cm – yellow
Shot statistics		26 cm – yellow
Dimensions (cm)	400 x 120 x 8	400 x 120 x 8
Weight – net weight/packed (kg)	80/143	80/143
Readability (m)	150	150
Power consumption – max/average (W)	357/150	403/224
Power supply placement	T20	T20

Shot statistics



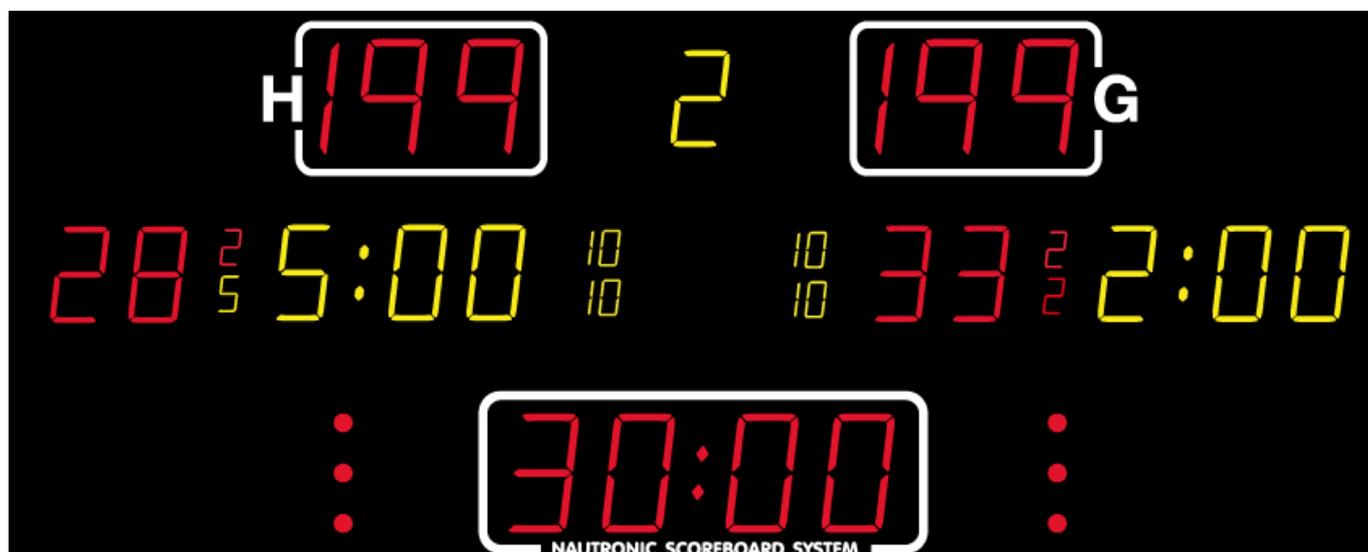
NAUTRONIC SCOREBOARD SYSTEM

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nautronic.com

SPECIAL FEATURE:

A self-regulating heat element eliminates the risk of condensation inside the scoreboard

NA2675



300 cm

	NA2675
Team scores (199-199)	26 cm – red
Period (9)	21 cm – yellow
Game clock (99:59)	26 cm – red
Time out	Red dots
Penalty (9:59)	21 cm – yellow
Player no. in front of penalties	21 cm – red
2/5 min. penalty	10 cm – red/yellow
10 min. penalty	10 cm – yellow
Dimensions (cm)	300 x 120 x 8
Weight – net weight/packed (kg)	62/110
Readability (m)	150
Power consumption – max/average (W)	267/123
Power supply placement	T21

NAUCON-1000 Control panel



Dressing room clocks

NE16301



Goal lamps

NG255

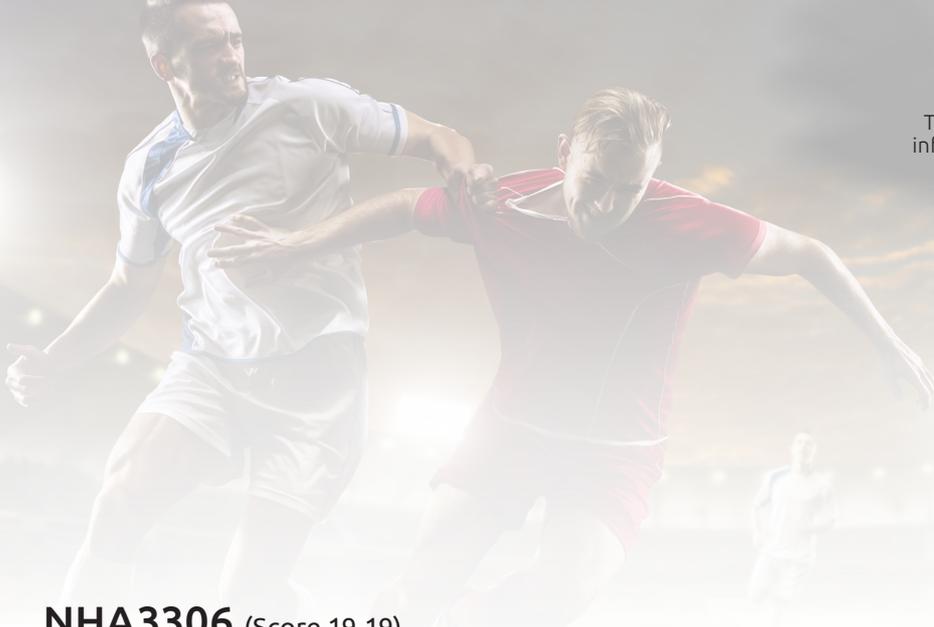


Wired control for goal lamps

Outdoor Multisport

Nautronic scoreboards are suited for both warm, cold,
dry and humid climates

NAUTRONIC
SCOREBOARD SYSTEM



NHA3306 (Score 19-19)

NHA3308 (Score 99-99, time 99:59)



300 cm

NHA3305 (Score 19-19)

NHA3307 (Score 99-99, time :99)



300 cm

SPECIAL MADE BOARD



300 cm

All our scoreboards with game time 99:59 can show time of day when not in use

Also available with TEXT LINE

Ask for:
 NHA3307T
 NHA3308T

NAUCON-1000 required for text lines

NAUCON-10 Remote control

NAUCON-1000 Control panel

	NHA3305	The most popular NHA3306
Team scores (19-19)	33 cm – red	33 cm – red
Game clock (:99/99:59)	33 cm – red	33 cm – red
Seconds	Red dot	33 cm – red
Dimensions (cm)	300 x 45 x 8	300 x 45 x 8
Weight – net weight/packed (kg)	25/47	25/47
Readability (m)	200	200
Power consumption – max/average (W)	94/28	108/32
Power supply placement	T01	T01



NHA2611 (Score 99-99, time 99:59)



200 cm

NHA3311 (Score 99-99)



200 cm

NHA2111 (Score 99-99)



150 cm

NHA3310 (Score 19-19)



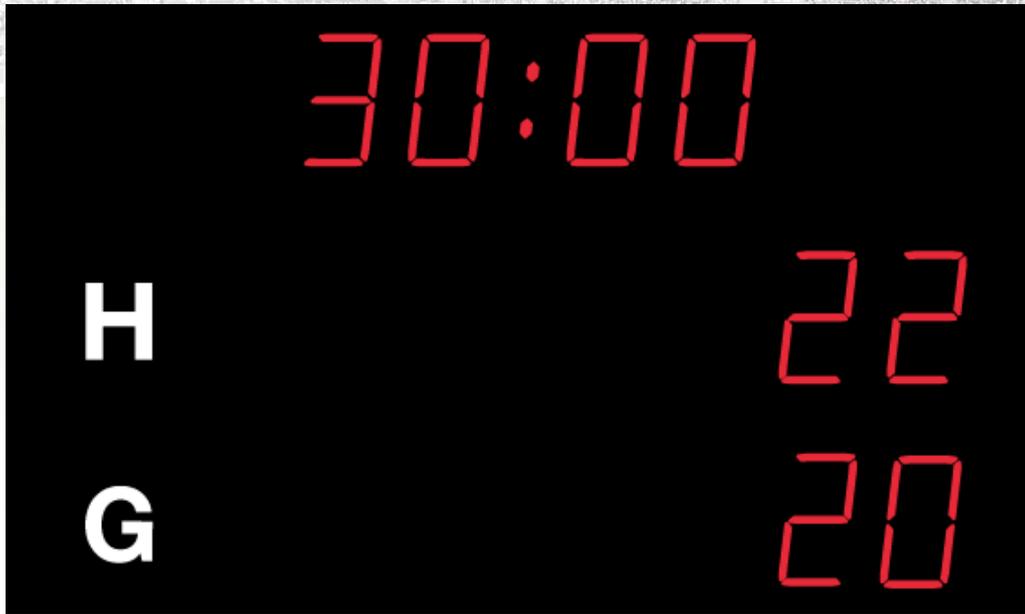
200 cm

NAUCON-10
Remote control



	NHA2111	The most popular NHA2611	NHA3311	NHA3310
Team scores (19-19/99-99)	21 cm – red	26 cm – red	33 cm – red	33 cm – red
Game clock (99:59)	21 cm – red	26 cm – red	33 cm – red	33 cm – red
Dimensions (cm)	150 x 67 x 8	200 x 80 x 8	200 x 80 x 8	200 x 80 x 8
Weight – net weight/packed (kg)	20/37	29/53	29/53	29/53
Readability (m)	120	150	200	200
Power consumption – max/average (W)	66/20	90/27	108/32	94/28
Power supply placement	T01	T01	T01	T01

NHA2616 • NHA3316 • NHA4616 (Score 99-99)



200 cm

Also available with
 LED TEXT

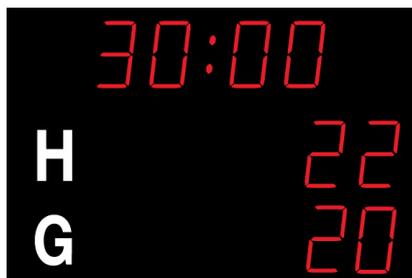


250 cm

Ask for:
 NHA4615T30
 NHA4616T30

NHA3316 (Score 99-99)

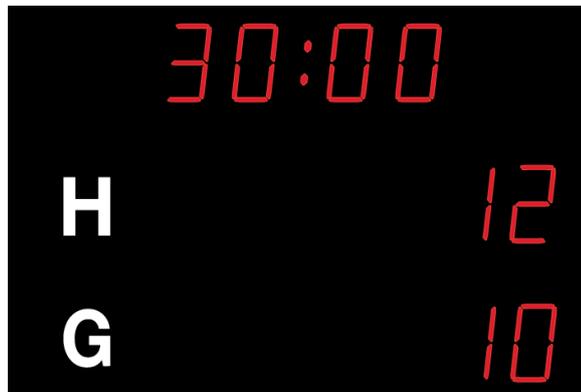
NHA3315 (Score 19-19)



200 cm

NHA4615 (Score 19-19)

NHA4616 (Score 99-99)



250 cm

NAUCON-1000
 required for
 text lines

NAUCON-10
 Remote control



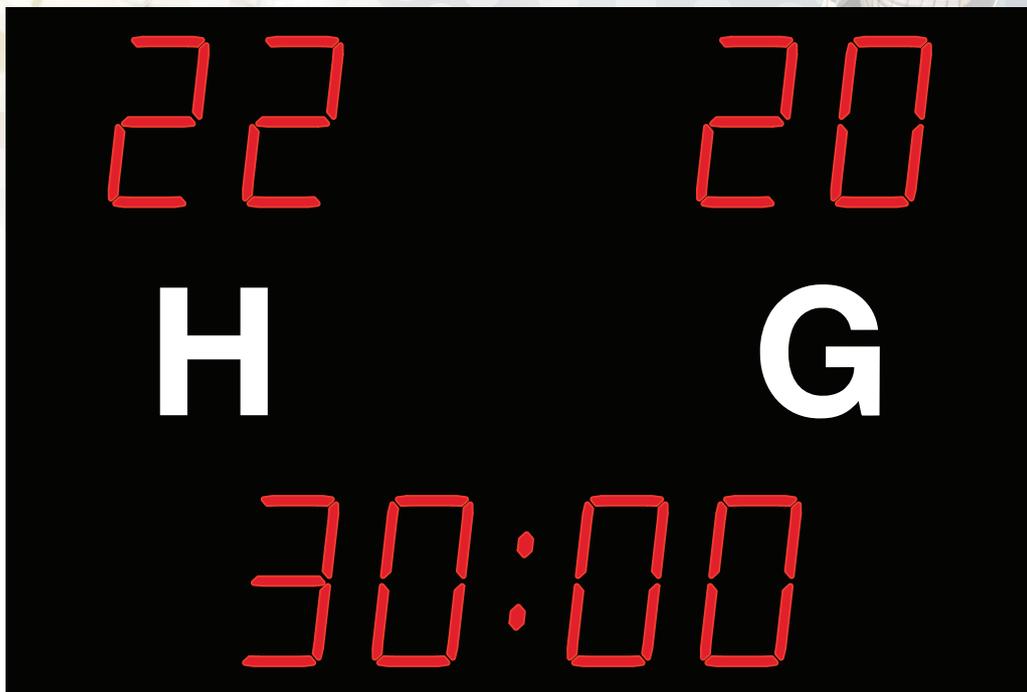
NAUCON-1000
 Control panel



	NHA2616	NHA4615	The most popular NHA3316
Team scores (19-19/99-99)	26 cm – red	46 cm – red	33 cm – red
Game clock (99:59)	26 cm – red	46 cm – red	33 cm – red
Dimensions (cm)	200 x 120 x 8	250 x 174 x 8	200 x 135 x 8
Weight – net weight/packed (kg)	41/75	70/127	46/83
Readability (m)	150	250	200
Power consumption – max/average (W)	90/27	162/49	108/32
Power supply placement	T01	T01	T01

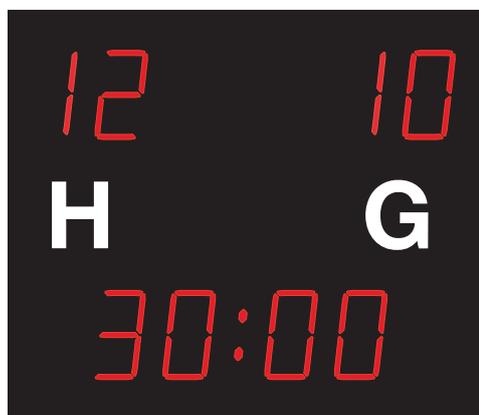


NHA3319 • NHA4619 (Score 99-99)



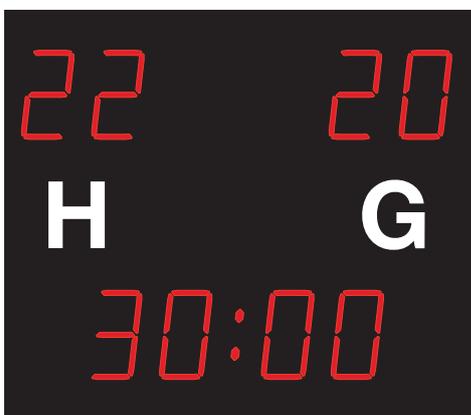
250 cm

NHA3318 (Score 19-19)



200 cm

NHA3319 (Score 99-99)



200 cm

NAUCON-10
Remote control



	NHA3318	NHA3319	NHA4619
Team scores (19-19/99-99)	33 cm – red	33 cm – red	46 cm – red
Game clock (99:59)	33 cm – red	33 cm – red	46 cm – red
Dimensions (cm)	200 x 135 x 8	200 x 135 x 8	250 x 174 x 8
Weight – net weight/packed (kg)	46/83	46/83	70/127
Readability (m)	200	200	250
Power consumption – max/average (W)	108/32	108/32	162/49
Power supply placement	T01	T01	T01

NHA4619T30



300 cm

SUITABLE FOR:

**FIFA* &
 DBU**
 matches**

*Fédération Internationale de
 Football Association – www.fifa.com
 **Dansk Boldspil Union – www.dbu.dk

This board gives you
 various opportunities
 with a running text line.

Examples of running text lines:

Goal scorers:



Substitutions:



Cards:



	NHA4619T30
Text line	18 chr. / 30 cm
Score (99-99)	46 cm digits
Time (99:59)	46 cm digits
Dimensions (cm)	300 x 174
Remote control	NAUCON-1000
Power consumption – max/average (W)	230/125
Power supply placement	T01
Weight – net weight/packed (kg)	86/154

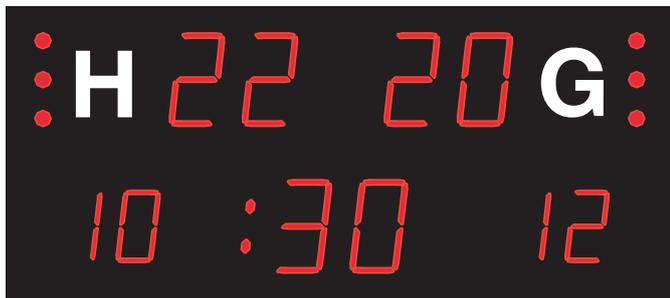


NHA2121



150 cm

NHA2122



150 cm

With penalty and game time (:99)

NHA2123



150 cm

With penalty and game time (99:59)

Outdoor portable scoreboards – **battery powered**

	The most popular NHA2121	NHA2122	NHA2123
Team score (99-99)	21 cm – red	21 cm – red	21 cm – red
Game clock (:99/99:59)	21 cm – red	21 cm – red	21 cm – red
Number of penalties	Red dots	Red dots	Red dots
Penalty (19)	–	16 cm – red	16 cm – red
Dimensions (cm)	150 x 67 x 8	150 x 67 x 8	150 x 67 x 8
Weight – net weight/packed (kg)	20/37	20/37	20/37
Readability (m)	120	120	120

NAUCON-10
Remote control



13:37 DENMARK 2 GERMANY
1 H 17 14:35 20^G

3	2	 STIG ROSSEN KULTURHUSET 22/11	2	1
4	4		3	9
5	2		4	4
7	0		8	2
8	0		9	1
9	0		11	4
10	2		13	1
11	0		14	1
14	2		15	1
17	3		17	1
21	0	18	1	
22	0	19	1	
24	12	20	1	

NAUTRONIC SCOREBOARD SYSTEM

Video screens

Keep your sports center up to date and future ready with a high quality video screen solution

Video screens are input flexible – able to project video, pictures, scoreboard, PowerPoint presentations, web-streaming etc.



Nautronic video screen



- Easy installation/easy service
- Flexible software based on Windows – possibility of video projection, web-streaming, picture projection, scoreboard projection, PowerPoint presentation etc.
- Full video/scoreboard integration
- Available for outdoor use
- Same Scandinavian design for video screens as for scoreboards
- High quality picture – uniform luminosity across the entire video screen and accurate color reproduction
- High reliability in use
- Long life – high quality LEDs provide uniform luminosity over time

A video screen in combination with a scoreboard will give you the possibility of showing profiles of your players, showing replays or broadcasting general information and sponsor advertisement - all in all, improving the spectator experience.

Nautronic offers a complete solution of video integration in the scoreboard, with an easy to use software for the screen, so you are up and running with live images in no time. Alternatively, a full video screen can be used as a scoreboard, all you need for this, is our FIBA approved graphic scoreboard software.

Nautronic even provides the possibility of exporting the game data for broadcasting.

SOFTWARE REQUIREMENT
A Microsoft Windows® based computer

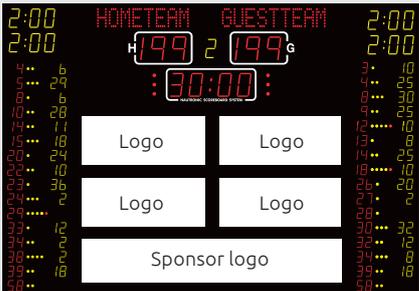
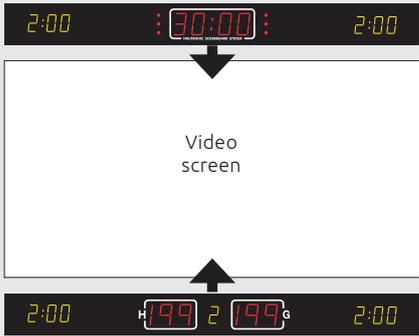
NAUCON-1000
Control panel

Features

- Flexible size
- Real colour reproduction
- Modern design
- Stand alone screen
- Integrated with scoreboard
- Used indoor and outdoor
- Accurate colour production
- High brightness and long life LED's

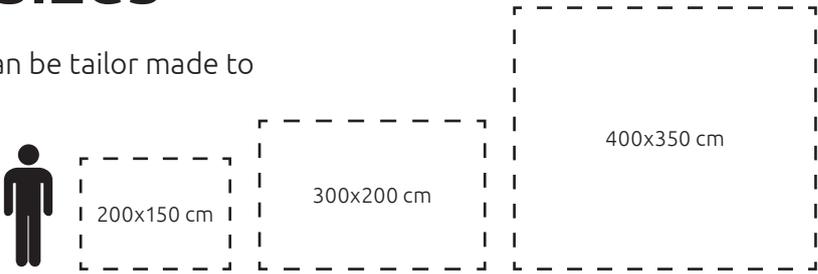
Various designs

- Full or split screen
- Custom advertising in time out or breaks
- Various commercials during a sporting event
- Time lap advertising before and after game



Video screen sizes

The standard size is 200 x 150 cm. Can be tailor made to your wishes by increments of 50 cm.



Graphic scoreboard

- FIBA approved
- Combine scoreboard and advertising
- Flexible in and output
- Easy to programme on Microsoft Windows pc
- Export all game data for broadcasting or website

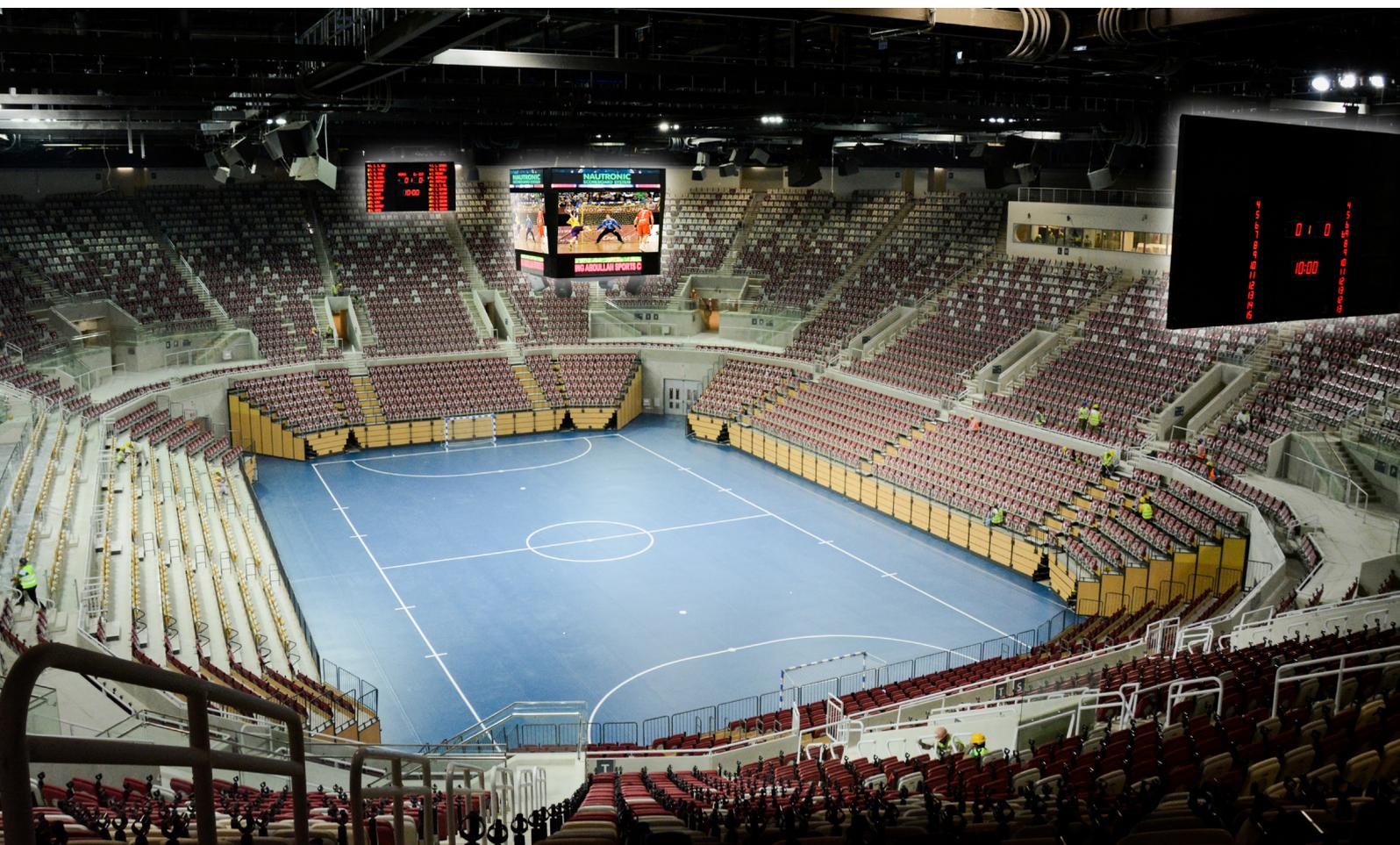
Case:

From Denmark to King Abdullah Sports City in Saudi Arabia

Arab sports spectators informed by Danish scoreboards and LED screens in the King Abdullah Sports City

To be chosen by the globally renowned Saudi Aramco as supplier for the King Abdullah Sports City, is an honour and the Nautronic team feels immensely proud. The site, 60 km north of Jeddah, Saudi Arabia, is one of the most prestigious stadiums in the Arab world!

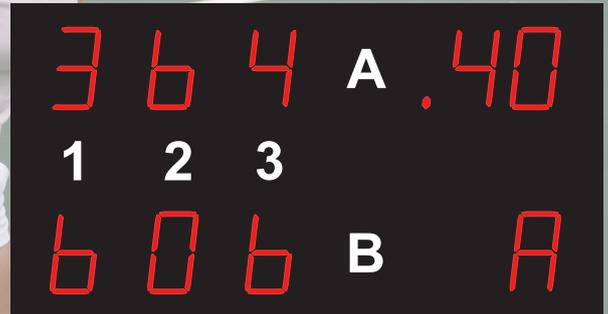
The King Abdullah Sports City is more or less invaded by Nautronic equipment: A cube containing three video screens on each side is now hanging in the indoor multi-sports arena, along with 7 Nautronic scoreboards in other arenas. Two FIBA level 1 scoreboards are mounted in the basketball arena. Finally, a 57 m2 outdoor video screen informs the spectators in the athletic stadium. In total, more than 4 tons of sports equipment were delivered.



NHK21150 - 3 SETS (OUTDOOR)

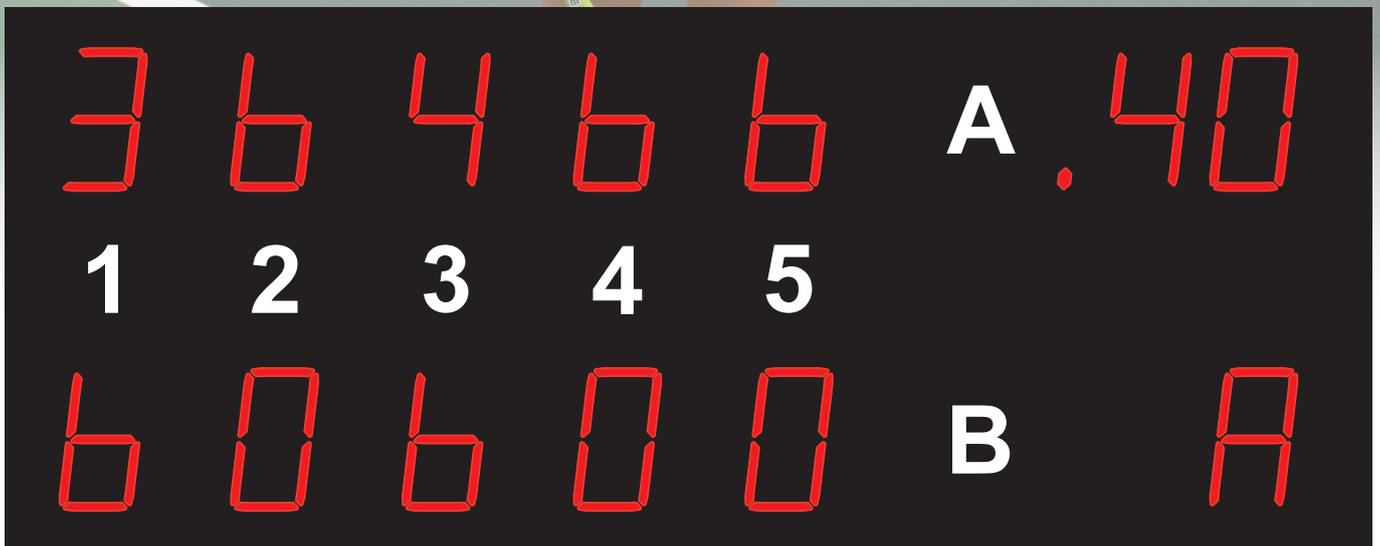
Tennis/Squash

Nautronic supplies individual sports like tennis, squash, badminton, gymnastics, weightlifting ...



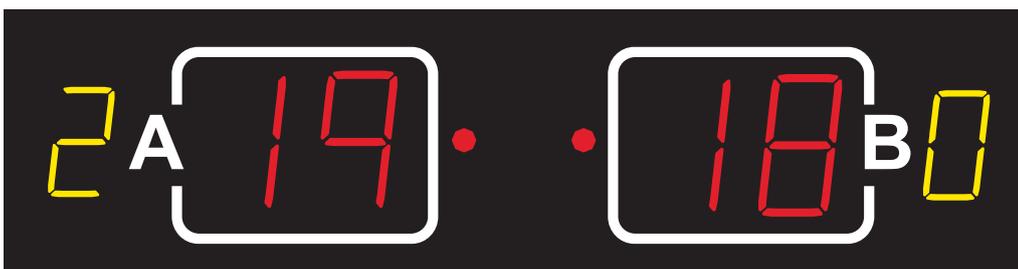
150 cm

NHK21152 - 5 SETS (OUTDOOR)



200 cm

NK21172 - SQUASH (INDOOR)



150 cm

	NHK21150	NHK21152	NK21172
Scores (199-199/99-99)	21 cm – red	21 cm – red	21 cm – red
Set scores (9-9)	21 cm – red	21 cm – red	–
Previous sets (9)	–	–	16 cm – yellow
Dimensions (cm)	150 x 80 x 8	200 x 80 x 8	150 x 33,3 x 8
Weight - net weight/packed (kg)	23/42	32/56	13/24
Readability (m)	120	120	120
Power consumption – max/average (W)	82/28	114/38	56/19
Power supply placement	T01	T01	T01

NAUCON-30
 Remote control



Supplements

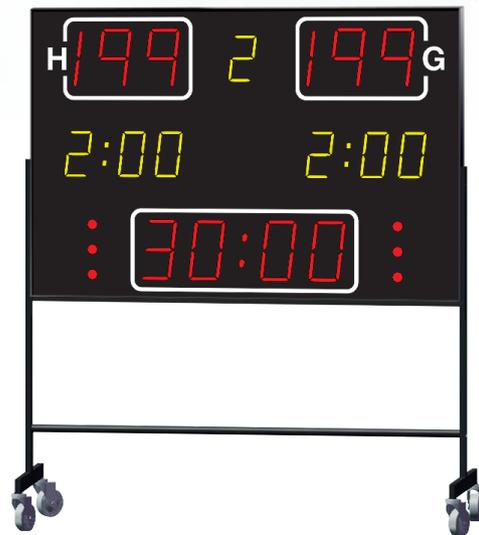
We can help you with your special needs

NAUTRONIC
SCOREBOARD SYSTEM

Scoreboard rack (indoor)

Easy transportation for indoor use. Available for all scoreboards (various sizes). Available with or without wheels.

STA-150-180	
Dimensions cm (min)	150 x 180 x 50
Weight - net weight	9



Board trolley (portable)



Easy transportation for distant football fields. Available for all scoreboards with a width of 150 cm.

STA-U150-150	
Dimensions cm (min)	150 x 150 x 50
Weight – net weight	9

Don't loose the NAUCON-10 device

When not in use just attach it to the trolley



Daytime & Temperature

– for street and facade display



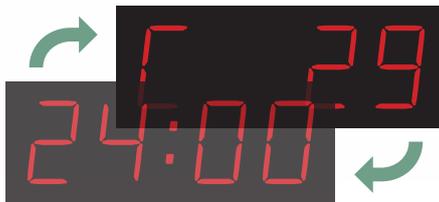
NHE16312 - red

Daytime, outdoor.



NHE16312-C

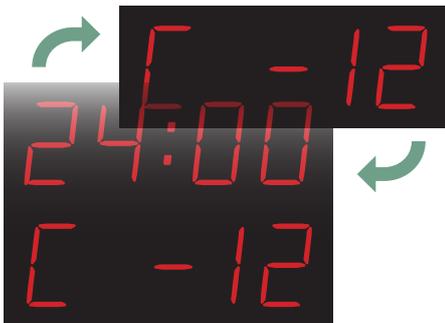
Daytime / temperature, outdoor.



TS

NHE16312-CC1

Daytime / temperature and temperature, outdoor.



TS TS

TS

Temperature sensor delivered with 20 meter cable.

FRANKFURT RADIO RECIEVER:

Automatically sets time of day and automatically switches between summer and winter time.

The Frankfurt radio reciever is very easy to install – just plug it in.



NG-DCF77 – indoor
NG-DCF77-U – outdoor

	NHE16312	NHE16312-C	NHE16312-CC1
Dimensions (cm)	63 x 23,5 x 8	63 x 23,5 x 8	63 x 47 x 8

Daytime & Temperature

– for swimming facilities

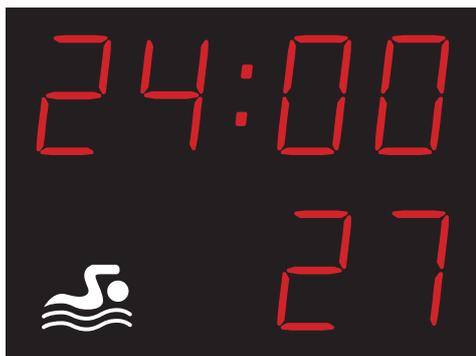


NJE16311-C3 – indoor

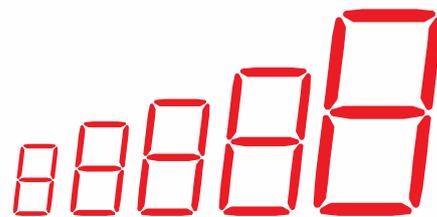
Daytime and temperatur, indoor.

NHE16312-C1 – outdoor

Daytime and temperatur, outdoor.



----- 63 cm -----



Digits size

Indoor: 16, 21, 26, 33 cm. Color red or yellow.

Outdoor: 16, 21, 26, 33, 46 cm. Color red.

Temperature icons



Outdoor



Celcius



Big pool



Pool



Indoor



Digits, red



Small pool



Blank

Multitimer in and outdoor

Dressing room clock / Time of day

VARIOUS MODELS AND PROGRAMS

The multitimer has been developed with three different timing programs:

- Clock function
- Timer function
- Counter function

TRAINING WITH THE MULTITIMER

The multitimer can show split times and intervals with breaks of one minute for training use. A timing program to count up or down is available as well as a program to count rounds.



MULTITIMER - NAUCON-40 REMOTE CONTROL

	NE16312	NE21312	NE26312	NE33312
Time (99:99)	16 cm – red	21 cm – red	26 cm – red	33 cm – red
Dimensions cm (min)	63 x 23,5 x 8	80 x 28,5 x 8	100 x 33 x 8	150 x 45 x 8
Weight – net weight/packed (kg)	7/8	8/10	10/19	15/28
Readability (m)	60	120	150	200
Power consumption – max/average (W)	31/11	34/12	46/16	90/31



MULTITIMER - NAUCON-40 REMOTE CONTROL

	NE16332	NE21332	NE26332	NE33332
Time (99:99:99)	16 cm – red	21 cm – red	26 cm – red	33 cm – red
Dimensions cm (min)	95 x 23,5 x 8	120 x 28,5 x 8	150 x 33 x 8	200 x 45 x 8
Weight – net weight/packed (kg)	8/16	10/19	12/23	19/34
Readability (m)	60	120	150	200
Power consumption – max/average (W)	48/17	51/18	69/24	136/46

DRESSING ROOM CLOCK - CONNECTED TO MAIN SCOREBOARD

	NE16301	NE16302	NE21301	NE26301	NE33301
Time (99:99)	16 cm – yellow	16 cm – red	21 cm – yellow	26 cm – yellow	33 cm – yellow
Dimensions cm (min)	63 x 23,5 x 8	63 x 23,5 x 8	80 x 28,5 x 8	120 x 33,5 x 8	150 x 45 x 8
Weight – net weight/packed (kg)	7/8	7/8	8/10	11/21	15/28
Readability (m)	60	60	120	150	200
Power consumption – max/average (W)	32/10	32/10	34/10	49/15	90/27

At Nautronic we are proud of what we do ...

From the smallest scoreboards to the biggest video screen or special made scoreboard designed from our costumers' wishes, we take each task seriously.

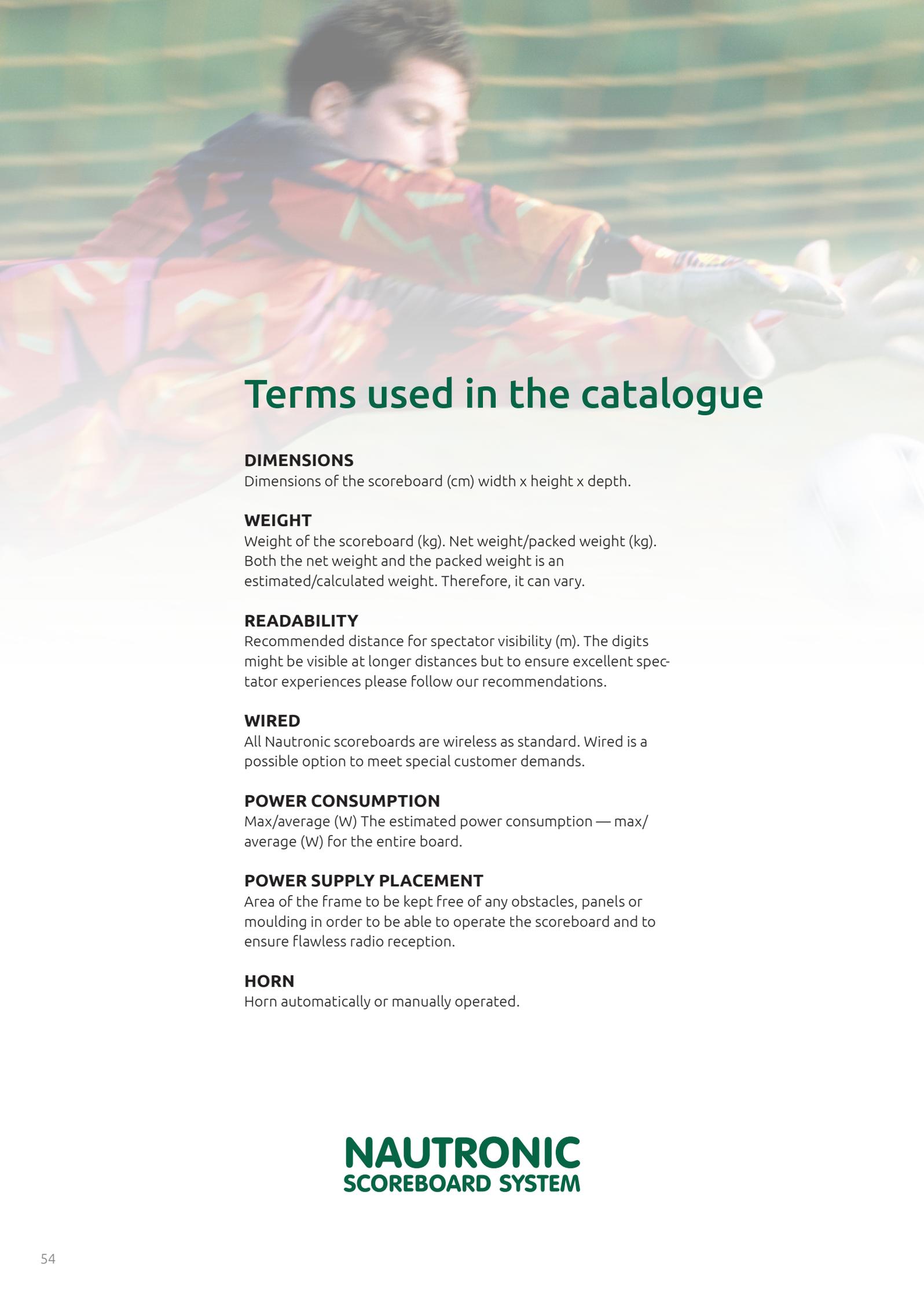
With our skilled and serviceminded-team, we will help you find or design the perfect scoreboard for you.

We are up to date with new rules and we are regularly updating our products.

Testing our products

We are testing our products during the production and again before packing and sending them to our customers.





Terms used in the catalogue

DIMENSIONS

Dimensions of the scoreboard (cm) width x height x depth.

WEIGHT

Weight of the scoreboard (kg). Net weight/packed weight (kg). Both the net weight and the packed weight is an estimated/calculated weight. Therefore, it can vary.

READABILITY

Recommended distance for spectator visibility (m). The digits might be visible at longer distances but to ensure excellent spectator experiences please follow our recommendations.

WIRED

All Nautronic scoreboards are wireless as standard. Wired is a possible option to meet special customer demands.

POWER CONSUMPTION

Max/average (W) The estimated power consumption — max/average (W) for the entire board.

POWER SUPPLY PLACEMENT

Area of the frame to be kept free of any obstacles, panels or moulding in order to be able to operate the scoreboard and to ensure flawless radio reception.

HORN

Horn automatically or manually operated.

NAUTRONIC
SCOREBOARD SYSTEM

HORN

Nautronic indoor scoreboards have a 120dB (/1 metre) horn.

SERVICE LIGHTS

Service lights to indicate errors in functionality is a wide spread phenomenon in Nautronic products. In the power supply box in the bottom of the scoreboard frame the service lights indicate power flow and functionality of fuses in the board. 90% of all errors can be detected from ground level reading the service lights. See more on page 59.

In NAUCON-10, 20, 30 and 40, handheld remote controls, the service light will flash a red light when the button clicked on gets enough power and is in function. See more on page 10.

MAIN POWER

Scoreboards are default configured for 230V/AC, 50/60 Hz but can be manufactured for 110V/AC 50/60 Hz if requested by the customer.

HEATING FOR ICE HOCKEY BOARDS

Nautronic ice hockey scoreboards are equipped with a heating device to keep the board from creating condensation.

PACKING

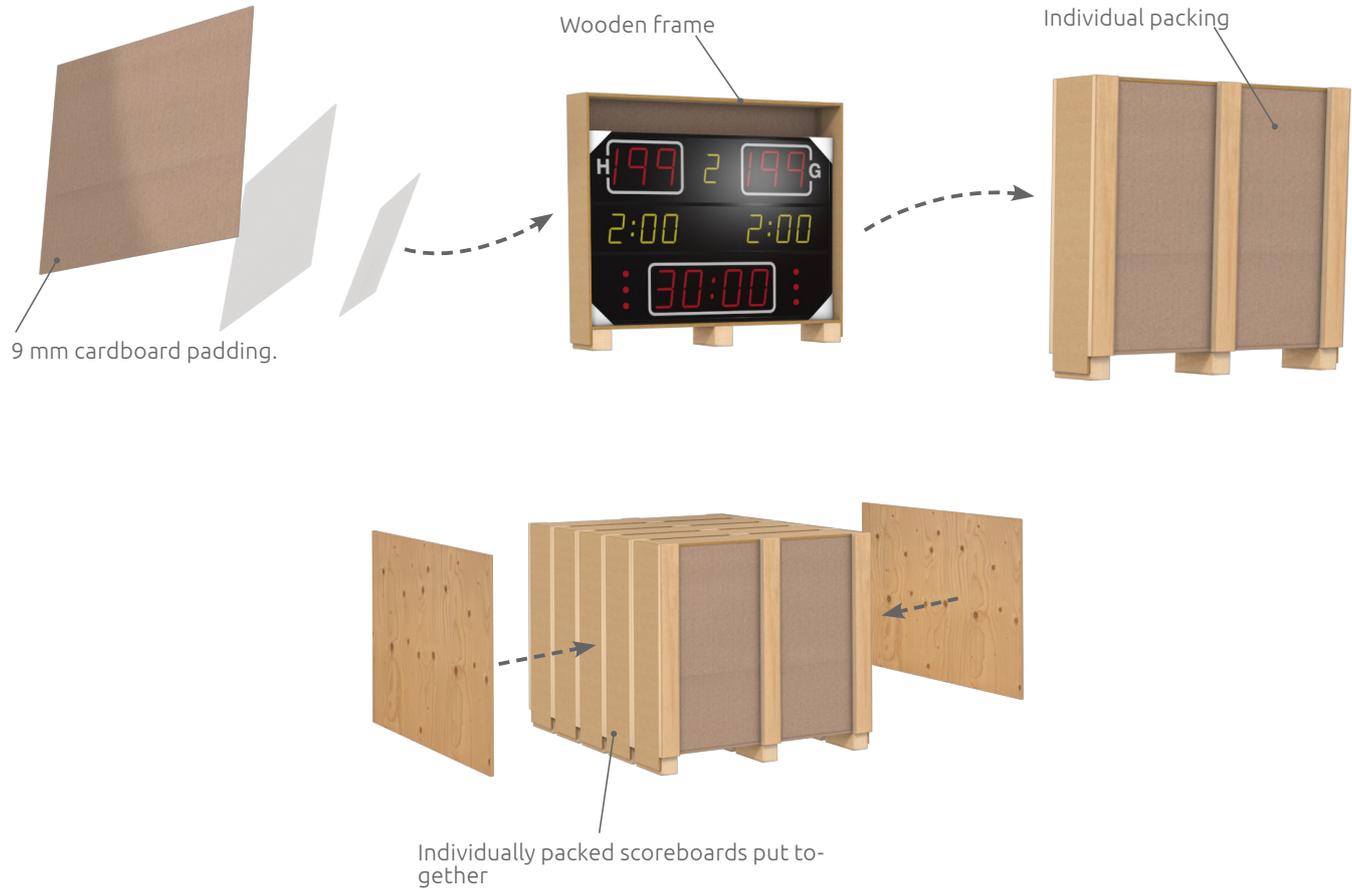
Standard packing for Nautronic scoreboards has been developed and optimized over the years.

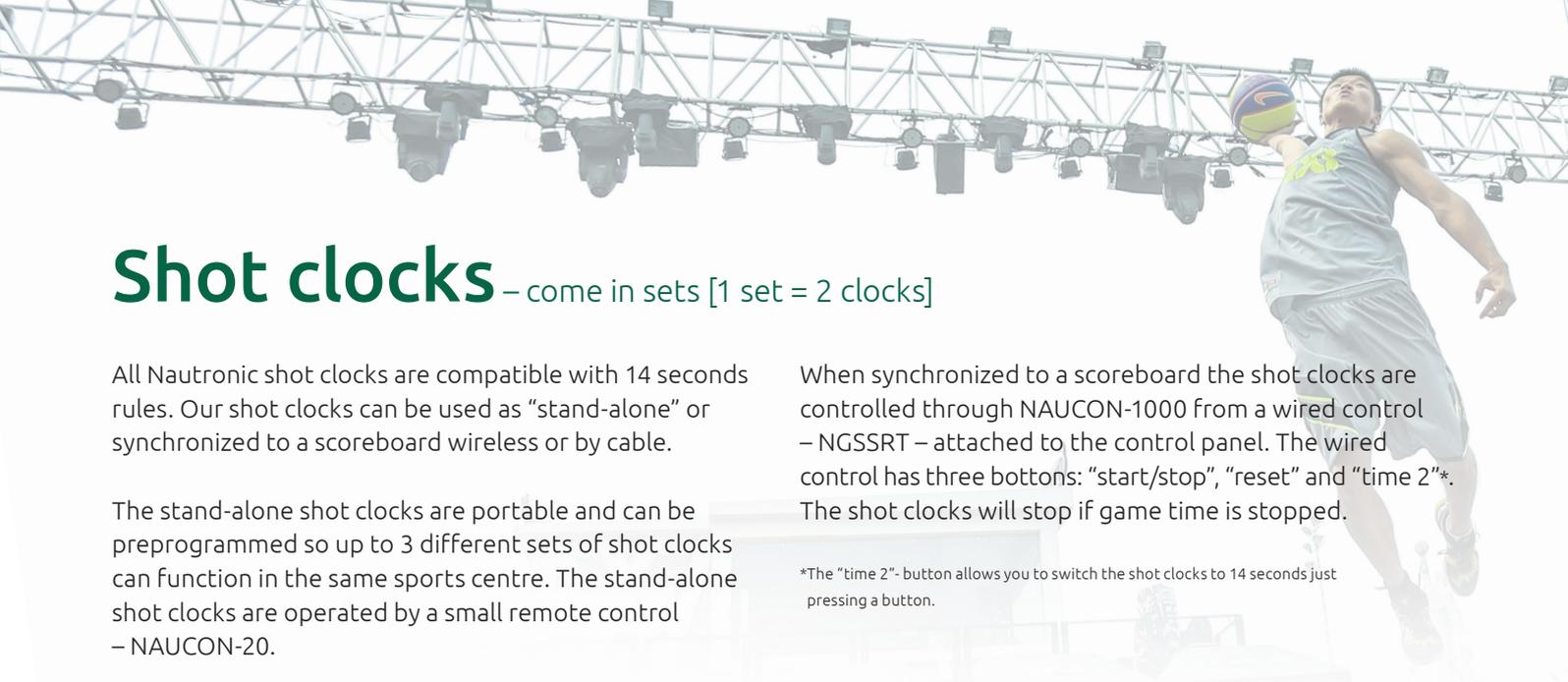
The scoreboards are individually packed in a wooden frame with cardboard padding for transportation.

Inside the frame the scoreboard is provided with cardboard corners with polystyrene padding for higher protection during freight operations.

When packing several scoreboards for one recipient the individually packed scoreboards are put together with wooden boards on the ends to stabilize the consignment.

Please note: The Nautronic packing standards are applied for most of our scoreboards but variations may occur according to given circumstances.





Shot clocks – come in sets [1 set = 2 clocks]

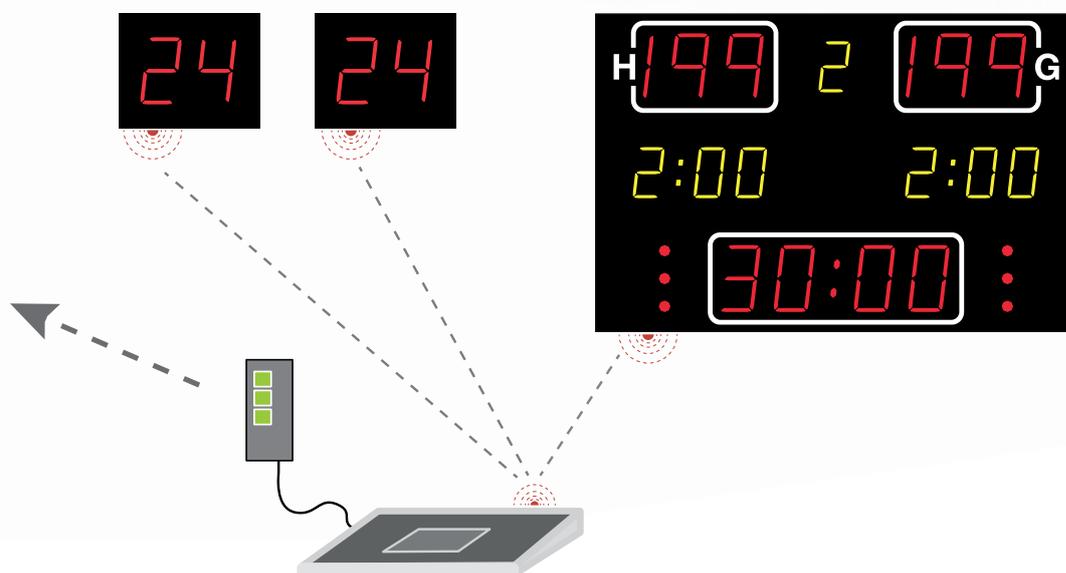
All Nautronic shot clocks are compatible with 14 seconds rules. Our shot clocks can be used as “stand-alone” or synchronized to a scoreboard wireless or by cable.

The stand-alone shot clocks are portable and can be preprogrammed so up to 3 different sets of shot clocks can function in the same sports centre. The stand-alone shot clocks are operated by a small remote control – NAUCON-20.

When synchronized to a scoreboard the shot clocks are controlled through NAUCON-1000 from a wired control – NGSRT – attached to the control panel. The wired control has three buttons: “start/stop”, “reset” and “time 2”*. The shot clocks will stop if game time is stopped.

*The “time 2”- button allows you to switch the shot clocks to 14 seconds just pressing a button.

WIRED CONTROL
For NAUCON-1000



Shot clocks and scoreboard wireless integration through the NAUCON-1000 control panel



1/10 seconds ...

Nautronic delivers shot clocks with a tenths of a second countdown for the last five seconds.

Power supply

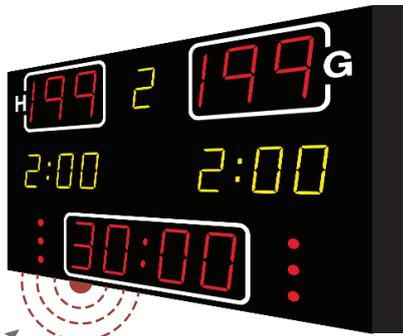
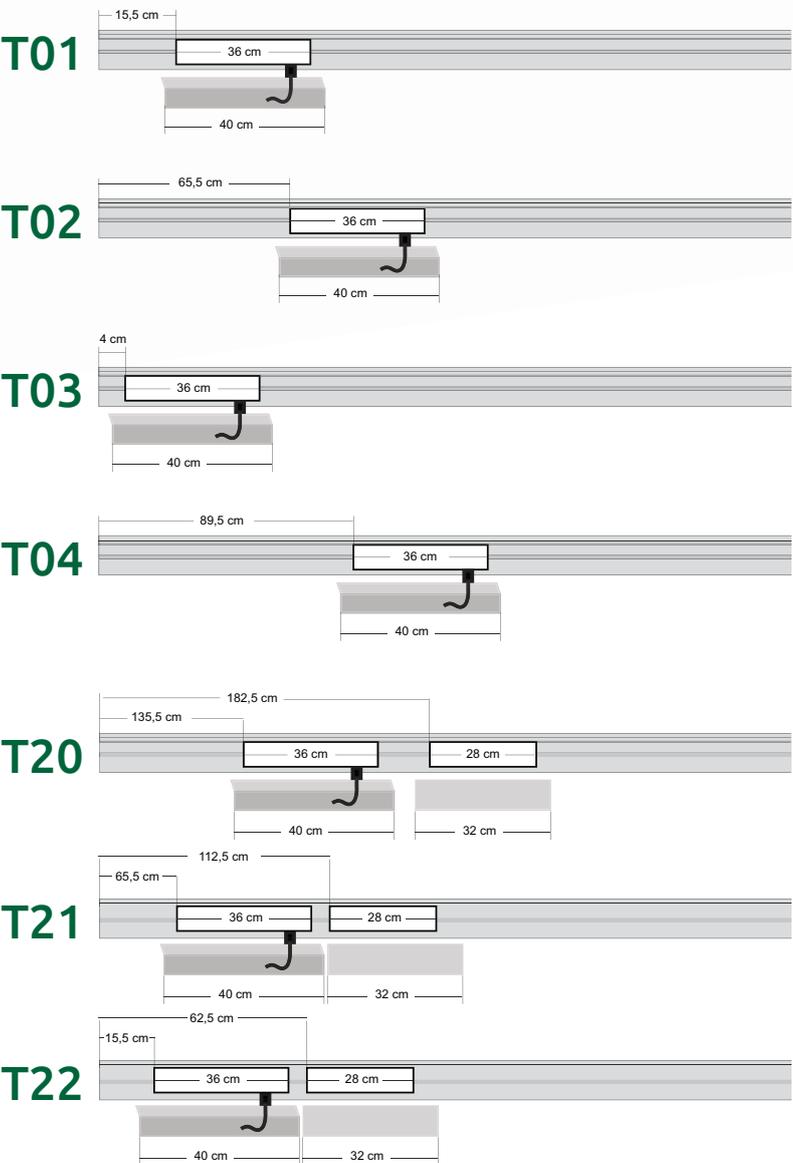
The power supply of Nautronic scoreboards is located in the bottom frame.*

The opening in the frame is covered with a bent clear acrylic plate leading wires from power supplies backwards towards the wall. With a clear acrylic plate it becomes possible to identify most faults from ground level without dismounting the scoreboard, simply from reading the service lights.



Service lights indicate power flow and functionality of fuses. (Bottom of scoreboard view)

PLACEMENT OF POWER SUPPLY



100 m

*The area of the frame should be kept free of any obstacles, panels or moulding in order to be able to operate the scoreboard and to ensure flawless radio reception



We look forward
to hearing from you.

When you choose a Nautronic Scoreboard System, you get an up-to-date and reliable scoreboard.

We have partners all over the world and can therefore deliver a standard scoreboard system within a very short time.

We customize your scoreboard for your spectators, your game and your players.

*Want to play? **Contact us!***

NAUTRONIC SCOREBOARD SYSTEM

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