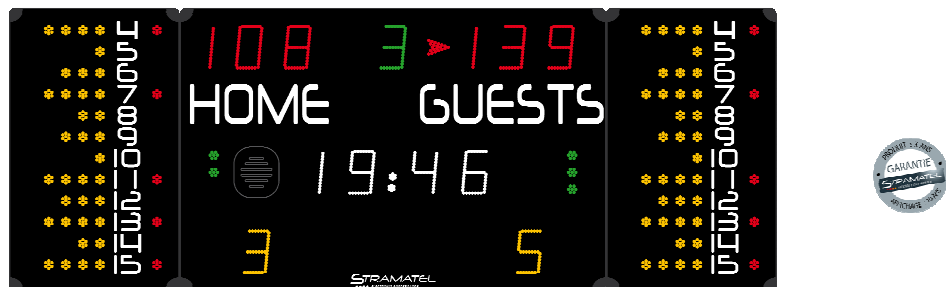


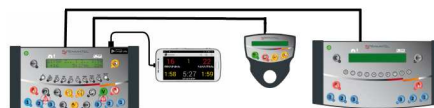
## MULTISPORT Range Compact Readability 60 m

BASKET BALL - HANDBALL - VOLLEYBALL - TENNIS - TABLE TENNIS - BADMINTON - FUTSAL - RINK HOCKEY  
IN LINE HOCKEY - ICE HOCKEY - UNIHOCKEY / FLOORBALL - NETBALL - BOXING - FREE MODE

### 452 MS 3020



(non contractual picture)



### Composition

- 1 scoreboard made of 3 modules
- 1 control console (Android compatible), 1 start/stop timer console
- 1 carrying case for control consoles
- 1 mains cable
- Junction box and transmission cables (for cable controlled version)
- Operating and installation instructions
- (Smartphone not included)

### Description

<b>Use:</b>	Indoor
<b>Transmission:</b>	Radio (868 MHz) or cable
<b>Readability:</b>	60m, angle >160°
<b>Dimensions:</b>	2700 x 1000 x 90mm
<b>Weight:</b>	44 kg
<b>Power supply:</b>	230V / 50-60Hz
<b>Protection:</b>	Unbreakable mat polycarbonate front face (DIN 18032-3)
<b>Integrated Horn:</b>	116dB at 1m
<b>Mains cable:</b>	25 m – Type: 230V, 3G, 0.75 mm <sup>2</sup>
<b>Cable controlled:</b>	For cable controlled models or radio controlled scoreboard with cable set: Junction Box + 50 m transmission cable (scoreboard/junction box) – Type: phone cable 2 pairs 6/10th + 10 m transmission cable DIN/DIN (junction box/console)

**Power consumed:** 113 VA

### Display functions

#### Main module:

<b>Score:</b>	2 x 3 red LED digits (15 cm)
<b>Period:</b>	1 green LED digit (15 cm)
<b>Ball possession:</b>	2 red LED arrows
<b>Timer/Rest period:</b>	4 white LED digits (15 cm) + blinking points
<b>Team fouls (BB)/ Exclusion timer :</b>	2 x 1 yellow LED digits (15 cm)
<b>Time out (BB, HB, VB)/</b>	
<b>Number of exclusions (HB) :</b>	2 x 3 green points
<b>Day Time:</b>	When the scoreboard is not in use

#### Lateral modules:

<b>Individual fouls (BB) 2 modules:</b>	5 yellow LED points + 1 red LED point per player (12)
---	---

### Control consoles

**2 consoles:** (340 x 175 x 60 mm) with LCD screen with 2 lanes of 20 characters (9mm high)

- **Main console:** management of the main functions
- Control console for **individual fouls**

**1 Start/stop timer console:** 145 x 150 x 40 mm for timer, time out, horn

**1 charger:** Hold the consoles in charge when there are not in use. (Autonomy max 16 h)

**Connexion plugs:** DIN between the consoles

**USB Port:** For program update or connect PC keyboard

**Programme:** 14 sport disciplines + « Free mode » to create your own sport discipline or for additional sports (wrestling, Pelota...)

#### Multilingual Programme

**Stramatel Multisport APP :** possibility to control main functions of the scoreboards with an android smartphone / tablet and to share match information by sms, emails...  
(Free Application on Google Play)



### Options

<b>TV Interface (RS 485):</b>	Data transmission for TV broadcasting
<b>Sound Interface:</b>	Connection with sport hall sound system - Horn sound amplifier
<b>DCF or GPS Antenna:</b>	For accurate time synchronisation
<b>Cable set:</b>	Cable mode for radio controlled scoreboard
<b>24 sec shot clock:</b>	Attack timer with or without main time repeater
<b>LED Strip:</b>	Electric light to be installed behind the backboard, connected with the 24 second shot clocks, synchronised with the main timer to light up at the end of each period.
<b>MPA:</b>	Ball possession indicator (FIBA Level 1)