



MODUL-BT8020+BP

**LED scoreboard for indoors,
 incl. touchscreen remote control unit**

- + Compact scoreboard for regional use e.g. in gyms of schools
- + Indoor sports: Basketball, handball, volleyball, tennis, table tennis, badminton, rollhockey, floorball, futsal.
- + Extra bright LED display of scores (3 digits per team), current playing time (4 digits), team fouls (1 digit per team) and game period (1 digit), furthermore signal dots for display of time outs plus display of ball possession/service
- + Use as time display outside of game
- + Adjustable brightness via remote control unit possible at any time, also during game
- + Including integrated signal-horn (sounds automatically at every end of game period and activation manually at any time)

Technical specifications:

Housing:	Steel, for indoor use
Protection class:	IP20, IK09, norm DIN 18032
Dimensions (WxHxD):	2000 x 1000 x 65.5 mm
Sound level of signal-horn:	120 dB in 1 m
Fixed labelling:	"HOME" and "GUEST" (yellow, height of 120 mm)
Scores:	200 mm digit height, red
Playing time:	200 mm digit height, yellow
Game period:	150 mm digit height, yellow
Team fouls:	150 mm digit height, red
Signal dots:	3x yellow per team
Readability:	approx. 90 m
Reading angle:	160°
Power supply:	230 V AC, 50/60 Hz
Maximum power consumption:	280 W
Weight:	50 kg



MATTIG



WENZEL



NEUMANN

Remote control unit

- + Sports: Basketball, volleyball, football, handball, tennis, futsal, table tennis, judo, roll hockey, floorball, inline hockey, badminton, mini-basket, ice hockey, karate, multisport, training function.
- + Large 7" touchscreen for easy navigation and excellent readability
- + By customising the functions and team colours the touchscreen control panel enables configuration of display and buttons for each sport
- + You can also enter text for team and player names as well as messages
- + The control panels are adapted to different sports functions
- + Four buttons on the side of the touchscreen allow quick access (play time/horn/reset)
- + Transfer of the game information to scoreboards, video displays or to a TV screen
- + Can be used mobile thanks communication via radio or WiFi and built-in rechargeable battery
- + Updates of the game rules for each sport as well as the storage of configurations and settings are made via the USB port
- + Including 230VAC plug-in power supply

Technical data of control panel:

Connections:	1x USB A for loading data via an USB stick, 1x RJ45 for network connection, 1x USB B for secondary remote control unit or a PC, 1x HDMI (resolution 1280x720 pixels - 720p), 1x mini DIN socket with interlock for the sport data bus, 2x RJ12 for additional remote control units, 1x jack socket for power supply and recharge the battery, 1x green LED to indicate the mains connections and 1x reset button
Touchscreen:	152 x 91 mm
Resolution:	800 x 480 pixel
Dimensions (L x H x D):	380 x 200 x 22/61 mm (1.2 kg)
Operating temperature:	0...+40 °C
Protection class:	IP20 / class III

Options:

BT-DCF-ANT:	DCF-77 radio synchronisation antenna
MODUL-BT-BP-TASTE:	Remote start/stop handset
MODUL-BT-SCOREPAD-AK2:	Backup battery for longer runtime

