

PRESENTS

LED Tennis Scoreboard



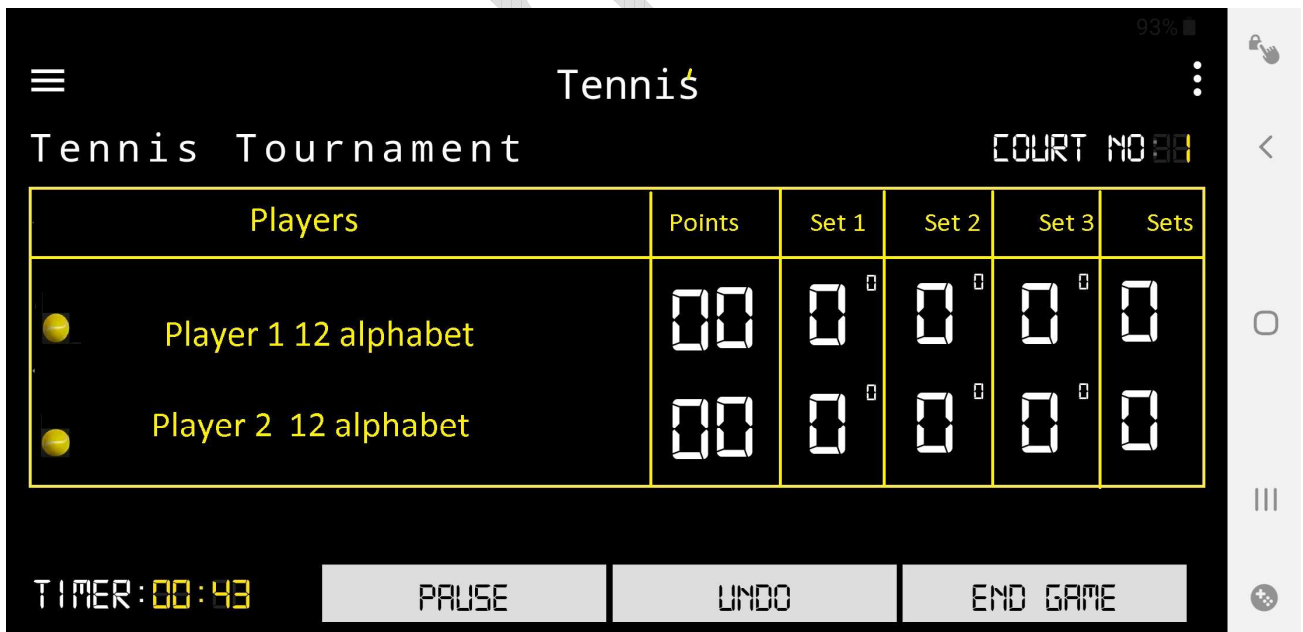
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Proposal and technical specifications for the LED Tennis scoreboard

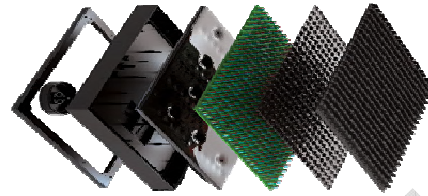
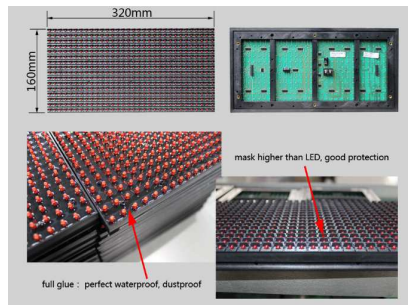
LED Tennis Scoreboards manufactured by Technocratz are available in variety of sizes starting from 2 x 3 feet to large full color screens of 12 x 18 feet which can run score as well as videos. Most of our Scoreboards operate from Android mobile app wirelessly via Bluetooth and for larger distance the data is transmitted via RF. The Outdoor LED scoreboards are fully rain proof and visible in daylight. The front of the Outdoor Scoreboards is covered with unbreakable 3mm polycarbonate sheet with laminated vinyl print where you can have Institute / Club / Unit / School / Stadium name in print with logo

Technocratz LED Scoreboards use the P10 LED modules and not the general local digits which are assembled manually. These modules have the LED, IC and the components mounted by machines on double sided glass epoxy PCB and made waterproof using silicon and fixed on to high grade plastic frame making them shock proof and virtually maintenance free. The Scoreboard is made up of 100% rainproof MS powder coated housing with front covered with Unbreakable transparent polycarbonate sheet having a laminated attractive print. The Scoreboard electronics consists 3 basic components i.e. the **LED modules** of 6 x 12" each powered by **SMPS** connected to one another and the microcontroller-based **motherboard**. The scoreboards are manufactured maintaining high standards hence the chances of defect are minimal, still if a fault occurs, these components are connected to each other via connector based FRC ribbon cable and the 5 volt power too has connectors which makes the scoreboard modular and easy to maintain.

Android App Screenshot



Picture of the LED Modules used.



Module Parameter:

Pixel pitch	10mm
Pixel Density	10,000 dots/m²
Pixel configuration	1R (Red , Green, Yellow, White available) (RGB SMD for full color)
LED type	DIP346
Module size	320*160mm
Module weight	583g
Module resolution	32*16dots
Brightness	≥2000 cd/m² (Higher for Full color)
Viewing Angle	H≤110° V≤50°
Driving Mode	1/4 scan constant current
Interface	HUB12
Input voltage	4.8-5.5VDC
Max. Power Consumption	220 w/m² (LED Area)
Avg. Power Consumption	80-100 w/m² (LED Area)
Max. Current	2.6-2.9A
Frame rate	60 frames/s
Refresh Rate	≥200Hz
Defective Dots Rate	<0.0001 (LED display line standard: ≤ 0.0003)
Decay Rate	≤5%/year
Brightness Conformity	>95%
MTBF	≥10000 hours
Lifespan	≥50000 hours
Protective function	Over-heat/Over-load /Power-down /Power-Leakage/Lightning-protection etc.
Operating Temperature	-20°C~+50°C
Operating Humidity	10-85% no condensation
Storage Temperature	-30°C~+60°C
Storage Humidity	10-95% no condensation

Scoreboard Specifications:

Alphabet height	2.5",4",6" and 12" as mentioned in models
LED Color	Red (Green, Blue, Yellow, White also available) RGB for Full color
Box	MS box black powder coated
Voltage	220 Volt AC 50Hz
Data Communication	Bluetooth (8-10 meters), RF for up to 80 meter
LED Pitch	All rates for outdoor boards are for P10 resolution. Higher resolution like P6,4,3 are available in FCS (Full color video screen scoreboards) and prices will be given on demand

Price List : Semi Digital Scoreboards

Model	Size (Feet)	Rate / Unit
TSB -01	2' x 3'	Rs. 20,000/-
TSB -02	2' x 4'	Rs. 22,000/-
TSB -03	2' x 4'	Rs. 22,000/-
TSB -04	2' x 5'	Rs. 24,000/-
TSB -05	2' x 5'	Rs. 28,000/-
TSB -06	4' x 6'	Rs. 30,000/-
TSB -07	2' x 6'	Rs. 30,000/-
TSB -08	3' x 4'	Rs. 30,000/-
TSB -09	3' x 7'	Rs. 52,500/-
TSB -10	3' x 7'	Rs. 52,500/-
TSB -11	4' x 8'	Rs. 75,000/-
Movable stand with wheels	For up to 12 sq feet	Rs. 5000/-
Movable stand with wheels	For up to 24 sq feet	Rs. 7000/-
<ul style="list-style-type: none"> Scoreboards are operated by Android mobile App via Bluetooth . If you want to operate from distance larger than 8-10 meter then RF Amplifier is required which costs Rs. 3000/- extra 		

Model	Size (Feet)	Rate / Unit
Multi-Sport Scoreboards		
MSS -01	2' x 3' (25 x 37")	Rs. 24,000/-
MSS -02	3' x 4' (37 x 44")	Rs. 36,000/-
MSS -03	4' x 5' (44 x 63")	Rs. 60,000/-
One sport software free along with the board, Rs. 2000/- per extra sport		
Single Color Screen (Multi Sports) P10		
SCS -01	4' x 5' (44 x 63")	Rs. 70,000/-
SCS -02	5' x 7' (63 x 88")	Rs. 1,18,000/-
SCS -03	6' x 9' (75.6 x 113.3")	Rs. 1,75,000/-
SCS -04	9' x 12'(113.3 x 151")	Rs. 3,40,000/-
One sport software free along with the board, Rs. 4000/- per extra sport		
Full Color Video Screen (Multi Sports) P10		
FCS -01	4' x 5' (44 x 63")	Rs. 1,10,000/-
FCS -02	5' x 7' (63 x 88")	Rs. 1,90,000/-
FCS -03	6' x 9' (75.6 x 113.3")	Rs. 2,85,000/-
FCS -04	9' x 12'(113.3 x 151")	Rs. 5,60,000/-
One sport software free along with the board, Rs. 5000/- per extra sport		

Terms :

Transportation	Price ex works Delhi
GST	Extra @ 18%
Delivery	2 weeks against PO and advance. Some models are available in ready stock
Payment term	50% advance, 50% on inspection and before dispatch
Warranty	One year
<ul style="list-style-type: none"> • Hooks/clamps will be provided for installation. • If Mobile stand is required, the cost will be extra • Installation/ structure cost not included, engineer will be provided for commissioning, training and service on TA / DA basis @ Rs.2500/- per day if required, the systems are plug and play ,simple to operate and do not require Engineer to install • Packing will be in thermocol, corrugated sheet and MDF for safe transportation and is included in the cost • Most of the semi digital scoreboard models operate from Android mobile app (* are operated with keypad console) SCS and FCS screens are operated from PC 	

Model TSB – 01 : 2 x 3 feet. All digits 6". Cost Rs. 20,000/- (Ex works plus GST)



Model TSB – 02 : 2 x 4 feet. All digits 6". Cost Rs. 22,000/- (Ex works plus GST)



Model TSB – 03 : 2 x 4 feet. All digits 6". Cost Rs. 22,000/- (Ex works plus GST)



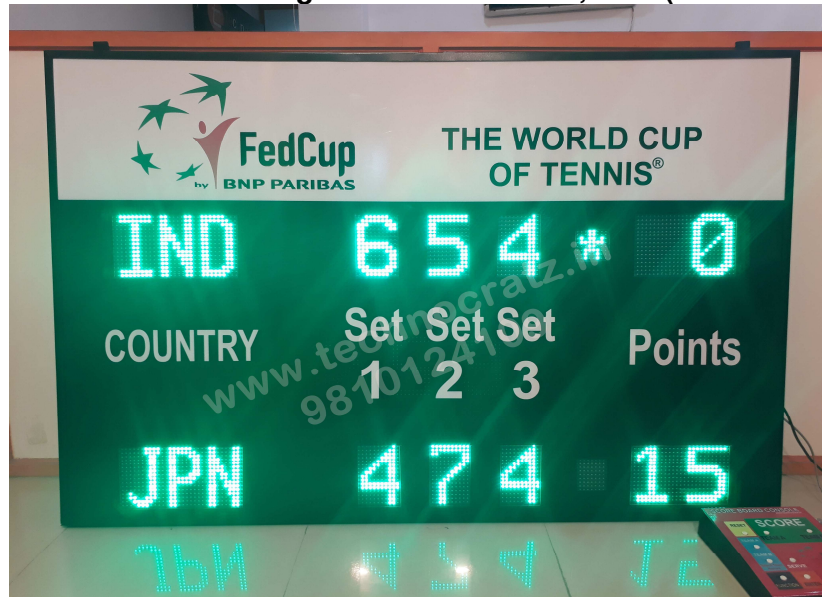
Model TSB – 04 : 2 x 5 feet. All digits 6". Cost Rs. 24,000/- (Ex works plus GST)



Model TSB – 05 : 2 x 5 feet. All digits 6". Cost Rs. 28,000/- (Ex works plus GST)



Model TSB – 06 : 4 x 6 feet. All digits 6". Cost Rs. 30,000/- (Ex works plus GST)



Model TSB – 07 : 2 x 6 feet. All digits 6". Cost Rs. 30,000/- (Ex works plus GST)



Model TSB – 08 : 3 x 4 feet. All digits 6". Cost Rs. 30,000/- (Ex works plus GST)



Model TSB – 09 : 3 x 7 feet. All digits 6". Cost Rs. 52,500/- (Ex works plus GST)



Model TSB – 10 : 3 x 7 feet. All digits 6". Cost Rs. 52,500/- (Ex works plus GST)



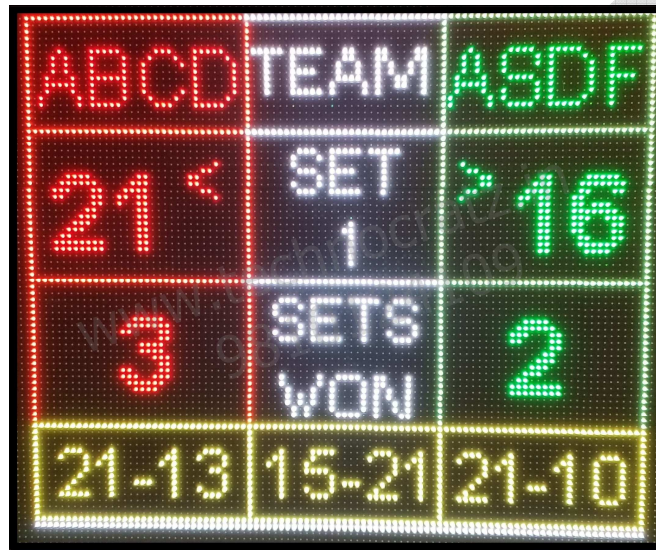
Model TSB – 11 : 4 x 8 feet. All digits 6". Cost Rs. 75,000/- (Ex works plus GST)



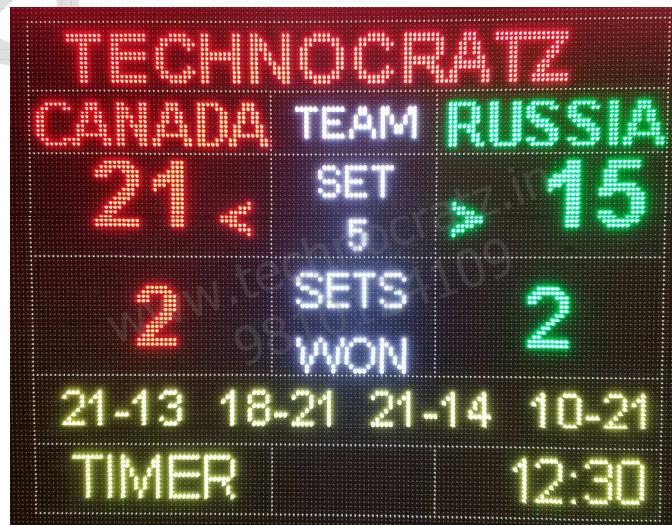
Multi Sport Scoreboards (MSS Series)

- Single color Scoreboard using different color LED for two teams and other parameters.
- This Scoreboard can be used for multiple sports.
- The Scoring is done on Android mobile App via Bluetooth
- One sport software comes free with the Scoreboard and the charge per extra sport will be Rs. 2000/- per sport

Model MSS – 01: 2 x 3 feet.
Cost Rs. 24,000/-



Model MSS – 02: 3 x 4 feet.
Cost Rs. 36,000/-



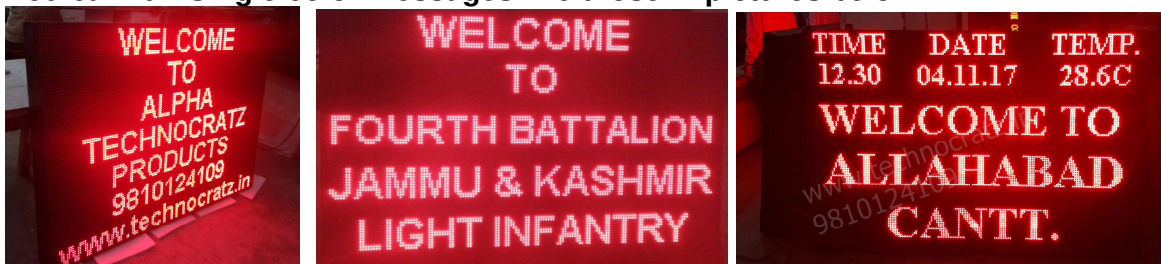
Model MSS – 03: 4 x 5 feet. (3x7 orientation pic)
Cost Rs. 60,000/-



Single Color Screen Scoreboards (SCS Series)

- Single color Scoreboard using Single color Red LED.
- This Scoreboard can be used for multiple sports.
- The Scoring is updated on Screen Via PC
- One sport software comes free with the Scoreboard and the charge per extra sport will be Rs. 3000/- per sport.
- The main advantage of this board is that we can also use this as a normal LED board for Messages in single or multiple lines in multiple languages and multiple fonts, Time and date display.
- This Message facility can be used before the Match For Tournament name, Team names on full screen, Points table, Welcoming the Chief Guest, Sponsors names and messages or any type of messages and after the match the same screen can be used to congratulate the winner, the man of the match or tournament etc
- When the board is not being used as a scoreboard it can be fixed at some other location like gate or any prominent place near office entrance etc to run messages mentioned above. Some message pictures shown below.

You can run Single color messages like those in pictures below



Model SCS – 02: 5 x 7 feet .
Cost Rs. 1,18,000/-



Model SCS – 03: 6 x 9 feet .
Cost Rs. 1,75,000/-



Full Color Video Screen Scoreboards (FCS Series)

- Full color Scoreboard using RGB LED.
- This Scoreboard can be used for multiple sports.
- The Scoring is updated on Screen Via PC
- One sport software comes free with the Scoreboard and the charge per extra sport will be Rs. 5000/- per sport.
- The main advantage of this board is that we can also use this as a normal LED Video board for display of Videos in Millions of colors, Pictures, messages, Time and date display.
- This Video Message facility can be used before the Match For Tournament name, Team names on full screen, Points table, Welcoming the Chief Guest, Sponsors names and videos or any type of messages and after the match the same screen can be used to congratulate the winner, the man of the match or tournament etc
- When the board is not being used as a scoreboard it can be fixed at some other location like gate or any prominent place near office entrance etc to run videos or messages mentioned above. Some pictures shown below.

Model FCS – 01: 4 x 5 feet .
Cost Rs. 1,10,000/-



Model FCS – 04: 9 x 12 feet .
Cost Rs. 5,60,000/-



You can run videos or the pictures shown below

