

LEDECH

SWIMMING SYSTEM

SSS – M20 – C

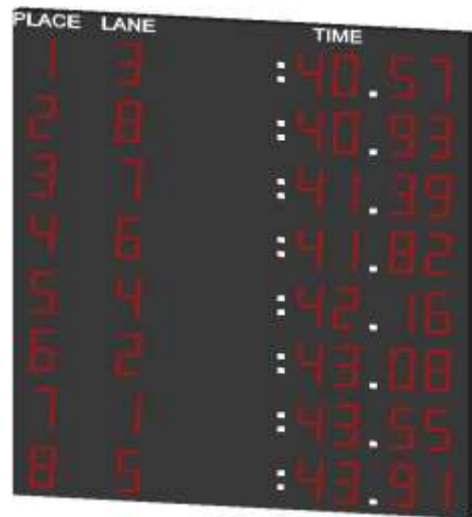
EQUIPMENT



Lap-Length-Time Module (SKL – SLT – 2L)



Event-Heat-Record Module (SKL – SEHR – 2L)



Lane Scoreboard (SKL – SPL – 8)



DECK PLATE (SKL – DP – V1)



WALL JUNCTION BOX (SKL – WJB)



Race Starter (STR – 100)

OPTIONAL EQUIPMENT

- Lap and team points scorebord modules can add to the scoreboard.
- Scoreboard can be produced with display size of 16,20,23,25 cm or 30 cm or according to display color as special.

1. Race Starter (Model: STR-100) — 1 unit

Primary triggering device for start commands, ensuring standards-compliant, synchronized initiation. Fully compatible with the system controller and timing infrastructure.

2. Touchpads (Model: ST-2490-F) — Quantity: equal to lane count

One finish-detection pad per lane, installed at each lane end. **Scaling:** The quantity increases or decreases according to the total number of lanes and the near/far-lane configuration.

3. Deck Plate (Model: SKL-DP-V1) — Quantity: as required by pool layout

Fixed, embedded assembly installed in the pool deck to collect and consolidate field signals from **touchpads, starting blocks, and manual backup buttons** for each lane. Provides robust mechanical protection, organized terminations, and clean cable egress toward the wall junction box.

4. Wall Junction Box (Model: SKL-WJB) — 1 unit (or per timing line)

Wall-mounted junction/interface enclosure that receives multicore cabling from deck plates, **conditions/converts inputs into standards-compliant electrical signals** (e.g., isolation, level shifting, debouncing), and forwards them to the timing controller with **real-time precision** (low latency, deterministic signaling).

5. Thermal Printer (Model: SKL-EPS-T70) — 1 unit

Industrial-grade thermal printer for fast, quiet, low-cost printouts of race results and interim outputs.

6. Swimming Timer (Model: SKL-SWC-V2) — 1 unit

Central controller for pool timing and sensor event management; coordinates the starter, touchpads, and scoreboard modules.

7. Race Scoreboard (Model: SKL-SPL-X) — 1 unit

Central race results/information display. **Scaling:** The number of display lines is configured to match the total number of lanes.

8. Lap-Length-Time Scoreboard Module (Model: SKL-SLT-2L) — 1 unit

Line 1: Displays **Race Time** (live, controller-synchronized).

Line 2: Displays **Lap and Length** values.

9. Event-Heat + Record Module (Model: SKL-SEHR-2L) — 1 unit

Line 1: Displays the current **Event/Heat** identifiers.

Line 2: Displays the relevant **Record** value; **flashes** when a new record is achieved (can also show the standing/previous record for context).

10. Starting Blocks — Qty: equal to lane count

- **Configs:** With or without **False Start Detection (FSD)**.
- **Heights:** **40 cm with Riser (Open-Face)** — recommended per World Aquatics; **70 cm Stepped** option.
- **Integration:** Compatible with **SKL-DP-V1** (deck plate) and **SKL-WJB** (wall junction); terminations via deck plate.



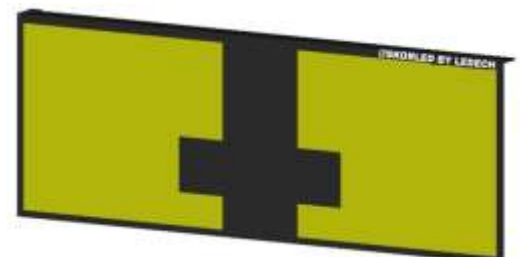
Swimming Timer (SKL – SWC – V2)



STARTING BLOCKS (SKL-SBN-40)



Thermal Printer (SKL-EPS-T70)



Touchpad (ST – 2490 – F)