

RACE **A**MERICA

INNOVATION. TECHNOLOGY. RELIABILITY.

Lap Count Display Owner's Manual

ModelS 6673, 6473
Rev C1



RaceAmerica Corporation
62 Bonaventura Drive
San Jose, CA 95134
(408) 988-6188
www.raceamerica.com
info@raceamerica.com

Copyright 2025 RaceAmerica Corporation

Table of Contents

PRODUCT INFORMATION LINKS.....3

PRODUCT OVERVIEW4

PACKAGE COMPONENTS4

AVAILABLE OPTIONS.....4

POWER REQUIREMENTS.....4

PRODUCT SPECIFICATIONS4

DISPLAY SET-UP.....4
RaceAmerica Utility

POWER-ON SELF-TEST.....5

DISPLAY OPERATION.....5

MAINTENANCE6

SUPPORT AGREEMENTS.....6



INNOVATION. TECHNOLOGY. RELIABILITY.

PRODUCT INFORMATION LINKS

RaceAmerica Website	www.raceamerica.com
RaceAmerica Online Store	store.raceamerica.com
Raceamerica Online Forum	www.raceamerica.com/forum
Product Warranty	www.raceamerica.com/legal.html
Service & Repairs	www.raceamerica.com/service.html
Technical Assistance	www.raceamerica.com/techcall.html
Owner's Manuals	www.raceamerica.com/prodpdf.html
Mounting Diagrams	www.raceamerica.com/mountpdf.html
Product Catalog	www.raceamerica.com/catalog.html

PRODUCT OVERVIEW

The Lap Count Display is a microprocessor controlled display based upon the 7-segment format display digit using the latest technology Ultra-Bright LEDs. The Lap Count Display receives display instructions via an internal wireless data link from running RaceAmerica software display.

The display is viewable at wide angles and in conditions from full sun to total darkness without adjustment. The display is easily hung or bolted to a frame. Lap Count displays are available in 15in/38cm tall digits (model 6673) and 24in/61cm (model 6473), both are 3-digit displays.

NOTE: THIS PRODUCT USES ULTRA-BRIGHT LED TECHNOLOGY. DUE TO THE BRIGHTNESS LEVEL OF THIS DISPLAY, CARE SHOULD BE TAKEN, AS WITH ANY BRIGHT LIGHTING SOURCE, TO AVOID PROLONGED VIEWING AT CLOSE RANGE AND SHORT DISTANCES. AS WITH ANY BRIGHT LIGHTING SOURCE, VISION MAY BE AFFECTED SHORT TERM SIMILAR TO CAMERA FLASHES.

PACKAGE COMPONENTS

Each Lap Count Display package includes:

- 1 - Lap Count Display enclosure
w/internal wireless transceiver (4520/4620)
- 1 - Board Control Utility S/W via download
- 1 - Wireless transceiver unit (4520U/4620U)
- 1 - Owner's Manual via website download

POWER REQUIREMENTS

The Lap Count Display operates on any 110VAC/230VAC power source. Average power consumption is approximately

SPECIFICATIONS

Model	6673, 6473
Display Type	7-Segment
Digit Height 6673	15in/38cm
Digit Height 6473	24in/61cm
Number of Digits	Three
Dimensions 6630	22.3 x 64 x 4 in 57 x 163 x 10 cm
Dimensions 6430	29 x 112.5 x 4 in 74 x 286 x 10 cm
Mounting	1/4-20 nuts on sides, top and bottom
Enclosure	Powder Coated Al
View Filter	Red acrylic - 0.12"
View Range 6673	660ft/201m
View Range 6473	1000ft/305m
Viewable lap counts	--1 to 999
Data Transmission	4520 @ 900Mhz 4620 @ 2.4 Ghz
Control Software	MyLaps Orbits 3135A and/or RaceAmerica Utility S/W

DISPLAY SET-UP

The Lap Count Display has 1/4-20 PEM Nuts on both sides, top and bottom at the corners for convenient mounting options. Power is connected on the back panel.



MAINTENANCE

The Lap Count Display requires minimal maintenance.

To clean the red lens, use a non-abrasive cleaner on a soft cloth. This will keep the protective lens clean and maximize visibility and clarity of the digits. If the red lens is soiled with mud or dirt, gently remove the grit using a soft wet cloth being careful not to press when wiping to avoid scratching the red lens material.

SUPPORT AGREEMENTS

Support agreements are available from RaceAmerica providing Telephone Assistance on technical issues and operational questions, repair and/or replacement of hardware failures, Software and Firmware updates and bug reporting. Contact RaceAmerica for more information and pricing of Support Agreements.

REVISION HISTORY

A -10/2015 - Original release