

Outboard Racing Starting Clock



Starting clock will consist of a 3-digit display with 36" high digits and a controller capable of count down timing of up to 5 minutes down to zero.



Controller



- ▶ Controller: 3-Digit Display with 2.5" High Digits
- ▶ Controller: 5 Waterproof Buttons in a Waterproof Enclosure
- ▶ Button 1: Set Timer to 5 Minutes and Start Counting Down
- ▶ Button 2: Set Timer to 3 Minutes and Start Counting Down
- ▶ Button 3: Set Timer to 1 Minute and Start Counting Down
- ▶ Button 4: Take 1 Minute Off the Time and Continue to Count Down (For instance, if the time is 3:27, the time will change to 2:27 and continue counting down.)
- ▶ Button 5: Pause Timer for as Long as Button is Held Depressed, as Soon as Button is Released the Timer will Continue Counting Down
- ▶ While Timer is Running, Display will Show Numbers in M:SS (Minutes and Seconds); When Timer Reaches Zero, Display will Show Zero for Approximately 5 Seconds and will then Go Blank
- ▶ Display will Remain Blank Until the Next Time Timer is Started
- ▶ Pressing Button 5 When Timer is at Zero and Stopped, a Test Pattern will Appear on Display
- ▶ The controller shall have one connector for connecting to the main display junction box.

Main Display



- ▶ Main Display: 3 Digits Showing M:SS (Minutes and Seconds)
- ▶ Main Display: Size with all Three Digits is 48" High and 96" Wide
- ▶ Digits: Each 36" High and 21" Wide
- ▶ Digits: Red LED Segments for Digits
- ▶ Digits: Each in a Separate Enclosure
- ▶ Digits: Front of Each Covered with 1/8" Thick Transparent Red Plexiglass #2423
- ▶ Digits: Each will have One Chassis Mount Connector for Power and Data
- ▶ Minutes Digit: Includes LED Clusters to Represent Colon Between Minutes and Seconds
- ▶ Ones Digit: One Camera LED Connector
- ▶ Digit Enclosure: 48" High and 32" Wide

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Cables and Junction Box

- ▶ Junction Box: Used to Connect Each of the Digits Together and Connect Power and Controller to Display
- ▶ Cable: Two 36" Cables and One 72" Cable Provided to Connect Digits Together
- ▶ Cable: One 30ft Cable Provided to Connect Controller to Junction Box

Power Requirements

- ▶ Voltage: Input Voltage Range is 12-14.5 Volts DC
- ▶ Display: Powered by 12V Car Battery or 20AMP Power Supply
- ▶ Current with all Segments ON: 20AMPs
- ▶ Current with all Segments OFF: ½AMP

Camera LED



- ▶ Starting the Timer Turns Camera LED On
- ▶ Camera LED will be Lit as Long as Timer is Not at Zero (LED Remains Lit Even if Button 5 is Pressed to Pause Timer; When Timer Reaches Zero, LED Turns Off)
- ▶ Camera LED will be Standard Red Diffused LED
- ▶ Camera LED will be Connected with 20ft 2-Conductor, 18GA Cord to a Connector

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