

GUNSLINGER

Cowboy Fast Draw Timer II



The Official Timer of:
The Cowboy Fast Draw Association



A Product of:
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Thank You! Congratulations on your purchase of the Gunslinger Cowboy Fast Draw Timer. We have designed our timer to be simple, affordable and modular. It provides a single lane system that duplicates the timing equipment used in the largest competitions. This system is also completely expandable and easily supports any number of multiple lane ranges.

SPECIFICATIONS & SETUP

The Timer (Overview)

The first thing you will notice is the compact design. The case only measures 3" x 5" x 2", the LED digits on the face of the timer are 9/16" and are very visible from up to 15' away indoors. We choose a compact design to keep the digits as close together as possible which is very useful when running multiple ranges. You will find that both the Timer Operator/Announcer and the Score Keeper can easily read them from various angles.



The top of the timer is where all connections are made from the Controller and to other timers hooked in series, the target, and the audience display. It is also where the power supply and elimination cord are connected. It also has the sensitivity adjustment knob.

It is very important to insert the appropriate Cat 5 Cables in the proper ports. The cords that come with the Gunslinger Cowboy Fast Draw Timer are **Color Coded**. Although any standard Cat 5 cable will work when properly wired, we suggest you follow the color codes as follows.



Top View

“RED” Ports (R)

The “RED” ports are the main ports used for controlling the timers and hooking them into series with one another. The "Controller Cord" and

“Timer Series Cables” are coded “RED”. The Controller Cord is always inserted into a “RED” color coded port, usually on the right (when viewed from the top) of the first timer when multiple timers are used. When only one timer is being used, you may insert the Controller Cord into either of the two “RED” ports. You may run up to 8 timers hooked into series with only one Controller. When hooking up multiple timers we recommended plugging the Timer Series Cables into the “RED” left port (when viewed from the top) of Timer #1, to the “RED” right port of Timer #2. When adding additional lanes follow the same pattern, this system avoids unnecessarily crossing cables.

“BLACK” (A) Audience Display Port

The “BLACK” port is used to support the Audience Display only. The Audience Display Cables are coded “BLACK”. We feel that Audience Displays will add to the excitement for shooters and spectators alike. It is the next big step we need to take in running our major matches. It will completely revolutionize how contests are announced and will keep everyone watching or on the line in step with the matches as they are progressing. A skilled announcer can actually become more of a color commentator, then performing the non-stop task of reading times left to right for every volley of shots. There is also another advantage for ranges that decide to install audience displays. The timer can be left on practice mode and all shooters on the line can see their times as the fire them in practice sessions, without the need of a timer operator to read the times.

“BLUE” (T) Target Port

The “BLUE” Port is used to hook the Timer to the Target. The Target Cables are coded “BLUE”. This “BLUE” Cat 5 Cable is run to the LED Light, which has a 20 lb. Magnet on the back for application into a light box behind the lens of the target. There is a 1/4” Mono Jack hanging out of the bottom of the light box which is then plugged into the sensor.

Power Supply Port & Power Supplies

The port on the lower left (when viewed from the top) is the Power Supply Port. The Power Supply converts 120 Volt A/C current into 12 Volt D/C current at 1.0 amps. The Power Supply can actually run up to 8 timers, but we don’t recommend over 4. We provided 1 Power Supply with the first timer, when ordering up to 4 Timers in a package only one power supply is supplied. With a 2 Timer Package, we supply 1 Power Supply and a “Y” Cable to provide power to both timers. With a 4

Timer Package we supply the Power Supply, plus a 4 Way “Y” Cable to provide power to all 4 timers.



1 Amp Power Supply



Power Supply 2 Y



Power Supply 4 Y



Connector Cable



Elimination Cable



Optional D/C Adapter

Elimination Port and Cable

The port on the lower right (when viewed from the top) is the Elimination Port. This allows for the “Blinking Winner’s Light” when the cable is plugged from Timer #1 to Timer #2. An Elimination Cable must be installed between every pair of timers in which a “Blinking Winner’s Light” is desired. Therefore, between Lane 1 & 2, 3 & 4, 5 & 6 and 7 & 8 in multiple lane ranges. They can also be removed for practice sessions where possibly no Blinking Winner’s Lights are desired.

Sensitivity Knob & Sensors

The Sensitivity Knob increases or decreases the sensitivity to the sensor. By turning the knob clockwise the sensitivity is increased and counter-clockwise decreases the sensitivity. This is important especially when using speakers or Standard Piezo Sensors. The sensitivity can be set by tapping the target lightly with a hard object. Too much sensitivity can cause the timer to go off by the report of the shot without the target being hit. Too little sensitivity can cause the timer not to record a hit when it has actually been hit. Speaker and Piezo Sensors can also require adjustments due to outside temperatures and other conditions like echoes from backstops. When using Electronic Sensors you may turn the sensitivity all the way up, as they do not record echoes or reports from shots. We recommend Piezo Sensors for indoor or outdoor

ranges. Electronic Sensors work well with our system, but require constantly monitoring of batteries.



Piezo Sensor > <Standard LED Light

The LED Light case measures 3" x 5" x 1-1/2", but the total depth from the front of the LED Light to the back of the magnet is 2-3/8". This design will fit into most light boxes on targets that are in use. The LED Light itself is amber in color and have 9 lamps inside the body of



the lens which provides a bright light that is visible through White Grease. This light box is not compatible with other timers on the market.

NEW! We now have a **High Intensity (Non-Reflective) LED Light** that is perfect for outdoor use. It is optional and costs \$15 each to upgrade.



Controller Button (New)

The Gunslinger Cowboy Fast Draw Timer has a unique controller that is not compatible with other timers. It is an essential part of the timer and must be used to control the timer. It has two buttons, the "RED" Button Resets the timer and may be pressed at any time to bring the timer



immediately to "Reset and Ready to Start". By depressing the "RED" Reset Button it immediately erases all times on the timer and the Audience Display and is instantly ready to start. Note: Once the reset button is pressed you may not recall times that have been erased.

Note: This is an improved Controller Button that we have found easier to use and more durable.

To set the timer in Practice Mode and then back to Contest Mode, please read the instructions on the next page.

TIMER OPERATION

Reading Times:

After you have plugged in the timer(s), press the Red Reset Button and then the Black Start Button, which will begin the start sequence. Once the start light(s) have illuminated hit a target and the corresponding digits will illuminate with the time in thousands of a second. If an Audience Display is hooked into the system it will show the time within .25 of a second after the time is shown on the main timer. When the timer has reached time-out (10 Seconds), the digits will show straight lines until the timer is reset. The timer may be reset at any time by pressing the Red Button no matter if you have started a sequence or not. The Black Start Button can be pushed without delay after the timer is reset.

***Note:** After the power has been turned on to the timer, it will illuminate the on indicator light on top of the timer. When a signal is sent to the start light it will also illuminate the decimal point. We have added this feature to the GSCFT II to aid in troubleshooting.*

Competition Mode:

After powering on the Timer is automatically in Competition Mode. Once the “Red” Reset Button is pressed, the timer is ready for the “BLACK” Start Button to be pressed to begin the random start light sequence. The LED Start Light will illuminate between 2 and 5 seconds after the Black Start Button has been pressed. This is not the type of button that can be held down while giving start commands and then released after the word “Set”. Instead simply tap the button after the word “Set”. Completely finish pronouncing the word “Set” before tapping the button, otherwise a 2 Second Light will seem very quick to the shooters on the line. A randomizer chip throws out 296 various possibilities for start light times between 2 and 5 seconds. The timer times out and turns the LED lights off around 10 seconds. The timer will continue to display times on the timer or audience display until the “RED” Reset Button is pressed.

Practice Mode:

To start Practice Mode, simply press both the Red & Black Buttons down and then release the Red Button 1st, just before the Black Button. The Start Light will immediately start with 3 slow blinks, which simulates the “Shooter on the Line, Shooter Set command. After the 3rd blink, the random start sequence (same as competition mode) will begin.

If the target is not hit, the timer will time out at about 10 seconds and then there will be a short pause, about 4 seconds; then the 3 slow blinks will start the next start light sequence. The Practice Mode will run continuously until the Red Reset Button is pressed, which will immediately put the timer back into Competition Mode.

IMPORTANT WARNING!!!

Do not plug the “RED” Controller Button cord into the “BLUE” Target Jack or visa versa. While it will probably not damage the timer itself, it has been found to damage the chip in the Controller Button. The warranty does not cover replacing the Controller Button if this should occur, and the timer can not be run without it. We recommend purchasing a back-up Controller Button because of this. If you send us a Controller Button damaged in this way, we will repair it and send it back for \$25, plus return postage. It is advised to only allow those who have read this manual and understand the operation of the timer to hookup the timer. It is also advised to use properly color coded cables to cut down on the possibility of connecting the wrong cords in the wrong jacks. It is recommended to not turn on the power to the timer until all connections are properly made and inspected and unplug the timer whenever changing connections.

WARRANTY:

The Gunslinger Cowboy Fast Draw Timer Warranty... All parts and labor are covered for 1 Year (One Year) after purchase date of the timer; provided that the timer unit and its components have not been abused. This warranty covers the Timer, Controller Button, and LED Light only. The warranty does not cover cables or piezo speakers. If a customer feels a timer is defective, they must package the timer and send it to Cowboy Fast Draw Association for assessment. If the timer under warranty is found to be defective, it will be replaced at no charge and CFDA will pay return shipping.

Note: Spare piezo speakers are recommended to be kept on hand as they can wear out with continuous use, they can be ordered separately with the ¼” jack soldered on at a minimal cost and can be easily changed in just a few minutes, with a phillips screw driver and a pair of pliers.

**THANK YOU FOR YOUR SUPPORT!
ENJOY, SHOOT SAFE, and SHOOT STRAIGHT!**

Always Shoot Responsibly

Safety First, Fun Second and Competition Third

Shoot primers outdoors or in well ventilated areas only, as most brands of primers contain small amounts of lead. Always wash your hands before eating or rubbing your eyes. Always wear eye and ear protection while shooting.

Check www.cowboyfastdraw.com

For Latest Information on Gunslinger Cowboy Fast Draw Timers and other accessories that are in development. CFDA also has a line of Official CFDA Targets that are a 4 Piece unit. An entire lane of Gunslinger Cowboy Fast Draw Timer equipment, including the target is shipped UPS in a 24" x 24" x 6" box, weighing about 40 lbs., to hold shipping charges as low as possible.

Also Check out our 6 Lane and 4 Lane Timer Stands and 6 Lane Timer Case.

