The **PractiScore Log** app is a project of [Eugene Kuleshov](#). It is created to help track your practice sessions.

The main idea is to minimize time for setting up, keep log of the practice session and analyze collected data quickly. In other words, no need to create stages, adding shooters up front, and even scoring is optional!

- Record your times, analyze and compare multiple runs
- Record videos of your individual runs
- View stats for your practice sessions
- View time charts for selected runs
- Annotate/tag recorded data and filter by selected tags
- Create drills and specify scoring
- Score targets, add notes and attach images for individual runs
- Run repeated drills with PAR time or using connected timer
- Export data to Excel/CSV for archiving and additional processing
- Stay tuned for more features!

This app works the Bluetooth-enabled timers/devices such as [AMG Lab Commander](#), [Special Pie M1A2-F Shot Timer](#) ([Amazon](#)), [Competition Electronics ProTimer BT](#), ([Amazon](#)), [Shooters Global](#) ([Amazon](#)), [RangeTech](#) [Shooter Kun Airsoft Shot Timer](#) ([@shooterkun1](#)) and [Smart Stop Plate](#).

See Privacy Policy at https://practiscore.com/privacy-policy

Please contact support@practiscore.com with any questions, ideas and bug reports.

User Guide | [Version History](#)

- [Connecting to Bluetooth timer](#)
- [Timers screen](#)
- [Main app screen](#)
- [Video screen](#)
- [Edits screen](#)
- [Tags screen](#)
- [On the Timer Scoring](#)
- [Working with multiple entries](#)
- [Combining videos](#)

Access to all app functions is through common platform gestures - tap, long tap, swipe, etc.

You can enter time manually and log PAR time repetitions or pull time from the following Bluetooth-enabled timers:

- [AMG Lab Commander](#)
- [M1A2-F Shot Timer](#) ([Amazon](#))
- [PocketPro BT](#)
- [RangeTech](#)
- [Shooter Kun Airsoft Shot Timer](#) ([@shooterkun1](#)
- [Smart Stop Plate](#)

In order to pull time from a Bluetooth-enabled timers your phone or tablet must have Bluetooth and Location Services enabled. Android requires apps to have Location permission and iOS requires apps to have Bluetooth permission in order to scan and connect to Bluetooth devices.

After starting the app for the first time, tapping on the "Timer" button at the bottom will open the Timers selection screen. You can also tap "No timer" title at the top or or use the main app menu in the top right corner.

On the "Timers" screen you can re-scan for timers using the "Scan" button at the top action bar. Use "swipe left" gesture on the timer entries to remove/unlink timers. Tap on the timer to select/link and get back to the main app screen. Tap on the timer name at the top of the main app screen to get back to the timer selection screen to change/remove the linked timer. For connected timer you can also open settings (when supported) using a "gear" button on the right.

When timer was previously linked, you can tap the "Timer" button on the main app screen to re-connect. You can also tap on the timer name at the top to get back to the "Timers" screen.

To pull time you can tap the "Timer" button again when the timer is connected. You can also tap at the current 0.00 entry to enter time manually.

When timer supports "push" mode, all shots are immediately transferred and shown in the app. When the string is stopped, then the entire string is added to the log. In this case the tablet can stay at the bench and you control your practice from the timer.

> *To enable "push" mode on the AMG Lab timer press both "M" and "Power" buttons when timer if off. It will show the timer settings menu where you can turn it on or off. To stop the current string you can either use the "Start" button (starts the next string), or use "<" or ">" buttons.*

When timer is connected, a long tap on the "Timer" button also opens the menu with additional timer actions, like remote timer start, repeated start, timer settings (when supported by timer), video recording, etc.

> ***Please note that when your phone or tablet is in the Landscape orientation, the app assumes the "Large Display" mode. You can exit it using "Collapse" button on the top app bar.***

Recorded strings are grouped by the day/practice session. The day header shows the number of recorded strings and the aggregated number of shots.

The "Video" menu in the top right corner of the main app screen opens the Video Recording screen. There you can select tags and camera orientation from menu at the top of the screen. The start/stop button at the bottom allows to start and stop video recording.

After video recording is stopped and the timer is not connected the app will open the log entry editing screen and will attach recorded video to the new entry. You can manually enter time and save, or exit screen to discard recorded video.

If timer is connected, the app will track recorded shots, showing them on the screen and when timer is stopped it will automatically crop recorded video to start/stop of the string and will attach the cropped video to a corresponding log entry.

> *It is the best to put your phone/tablet on a tripod or a stable surface, so you can use connected timer to control video recording remotely.*

> *To start and stop video recording remotely, you can start and then stop the timer without recording any shots. This will start/stop of the video recording and the app will make a verbal announcement to indicate when recording is started or stopped.*

> *With the AMG Lab timers you can use buttons on the front of the timer to stop string and the video recording (M, < or >).*

> *With the Competition Electronics ProTimer BT you can use buttons on the front of the timer to stop string and the video recording ("Incr", "Decr", "Fwd" or "Rev").*

Tap on the recorded string to open the "Edits" screen where you can assign tags, add notes and images for a given entry. You can also tap on the recorded splits to open "Splits" editing screen. If there is a Drill tag selected for this entry with scoring configured you can also enter scores. Use the "Save" action at the top to save the edited entry.

The recorded videos also shown on the Edits screen and there are additional actions available on the video thumbnail menu in its top right corner. There you can rotate or mirror video and can also share an exported video with burned in subtitles with splits and tags.

You can also tap on the image button at the top to attach additional pictures or videos to the entry. For example, you can attach video from a head camera. And with multiple videos attached you have an option to create a combined picture in picture video from them.

You can also tap on the large time (0.00) on the main app screen to create a new entry and manually enter times. This also can be used to add general notes and plan practice sessions. In this case you can leave 0.00 time and just enter your notes and tags. Optionally you can change the date and time for the entry.

The "Tags" menu in the top right corner of the main app screen shows available tags and enables filtering of the log entries. Tap on individual tags to select which tagged log entries to show.

The currently selected tags are also automatically assigned to the new log entries.

You can open the tags editing screen from the main app menu. or use the "Pencil" button on the left of the tags row.

On the tag editing screen you can create tags to tag Drills, Persons, Firearms, Location, or anything else (hot/cold weather, mistakes, successes, etc). Edited tags can be exported and then imported using the app menu on the top right. Additionally you can see quick summary of the logged entries for selected tags using the action on the top app bar.

Tap on the "+" button on the tag category header to open the tag editing screen. There you can enter tag name and add option notes. Then tap "Save" at the top.

To edit or delete tags you can tap on the "Pencil" icon on the right side of the tag. It will open the tag editing screen where you can change tag name, type or update notes and select custom colors for your tags. To delete a given tag you can use the delete button at the top of the screen.

When editing Firearm tags you can also specify Power Factor used in Hit Factor scoring. Individual Power Factor settings can be edited in the corresponding Power Factor tags.

When editing Drill tags you can specify expected number of rounds. You can also select the scoring type, such as Hit Factor, Action Steel, Points Down or ICORE and then customize selected scoring for this drill.

When using the Competition Electronics ProTimer BT, you can enter scores for the current log entry (including video recording) using the timer buttons. This works best with the B revision of the timer hardware. A Drill tag has to be selected for the entry to enable scoring. You can use the "Fwd" button to stop the string and enter the scoring mode on the timer. Depending on the scoring type the timer screen will show scoring options, and you can use timer buttons to navigate and update scores. To move between entries use "Fwd" and "Rev buttons. The "Incr" button will increment field value and the "Decr" button will reset value to 0. You can navigate to "Save" option and use "Incr" or "Decr" to save the score or just use the "Go" button.

For Hit Factor scoring the scoring entry screen may look something like this. On the first row you see the current time, the number of shots and time for the first shot. The next lines show the scoring fields with the currently selected field marked with "[ ]". And on the last line you can see the current Hit Factor value.

```
  7.77 (9) #1:1.35
   A:9 [C:0] D:0  M:0  NS:0
   P:0  NPM:0  SAVE
  HF:5.7915
```

On the main screen the long tap on recorded string will activate selection mode and will select a string. Use the "Select All" button on the day header to select all entries for that day. When selection mode is active there are additional actions available for selected strings:

- The "Chart" button will open a time chart screen for selected strings.
- The "Tags" button will open tags editing/assignment screen for selected strings. Tap on previously entered tags to add/remove them for selected entries.
- There are additional actions on the top menu to "Delete" selected entries and to "Export" data from selected entries to CSV/Excel or all data and images to a ZIP archive.
- The exported data can be shared or saved using system services like iCloud, Google Drive, email, etc.
- The exported data can be also imported back into the PractiScore log app using the "Import..." option from the main screen app menu at the top.

When selected entries have attached videos, there will be an additional actions available on the top main app menu:

- Merge Videos will glue multiple videos one after another in a single video
- Stack Videos will stack two to four selected videos side by side and will try to align the start signal
- Blend Videos will overlap two selected videos, blending one over another and will try to align the start signal

Version History | User Guide

2.0.1+103

- Fixed crash reports

2.0.0+102

- Fixed crash reports
- Restore selected tags
- Better formatting of subtitles in exported video
- Added an option to mirror captured video
- Added an option to merge videos for multiple runs
- Added an option to create picture in picture video
- Added support to enter scores on connected ProTimer

1.6.4+80

- Fixed crash reports
- Fixed score for "Add Up Entries"
- Fixed video viewer on iOS
- Improved import of tags from CSV data
- Improved tags summary info
- Show time splits on fullscreen view
- Required Hits in the Drill tag is not required for scoring
- Added accuracy chart for entries tagged with a Drill tag with Hit Factor and ICORE scoring

1.6.2+78

- Fixed crash reports

1.6.1+77

- Fixed crash reports
- Added progress indicator for Export Archive
- Added support for ShooterKun Bluetooth timer

1.6.0+76

- Fixed crash reports
- Fixed issues with editing tags
- Added option to save log entries with notes only
- Added option to edit log entry date/time

1.5.1+75

- Fixed crash reports
- Fixed updating the main screen

1.5.0+74

- Fixed crash reports
- Fixed issue with adding new tags
- Added option to assign colors to tags

1.4.13+73

- Fixed crash reports
- Update ProTimer config on connect
- Option to add up selected log entries
- HF scoring show % of the max HF

1.4.12+72

- Fixed crash reports on Android

1.4.11+71

- Fixed crash reports
- Fixed Bluetooth permission issue on Android 11 and 12

1.4.10+70

- Fixed crash reports
- Fixes for PocketPro timer
- Fixed issue with deleting splits
- Fixed issue with duplicated string data
- When removing media files also remove them from log entries
- Added retrieval of the current time from ProTimer settings
- Added option to merge/blend two videos
- Added progress indicator when importing data
- Added scores info to subtitles in the exported/shared videos
- Improved subtitles in the exported/shared videos
- Improved subtitles in the built-in video player

1.4.8+68

- Fixed crash reports
- Fixed issue with filtering by tags

1.4.7+67

- Fixed crash reports
- Fixed issues with exporting CSV
- Fixed issues with exporting video
- Added option to rotate video
- Added option to change entry date
- Added media screen

1.4.6+66

- Fixed crash reports
- Fixed handling of apostrophe in tags
- Added export option in the video player

1.4.5+65

- Fixed crash reports
- Added video recording (beta)
- Added video player
- Added option to copy tag
- Added summary for selected log entries
- Delete linked images/videos when deleting log entry
- Export Archive is also exporting tags

1.4.1+61

- Fixed crash reports
- Updated User Guide

1.4.0+60

- Fixed crash reports
- Fixed iOS safe areas
- Added round count and scoring type to 'Drill' tags
- Added support for M1A2-F Bluetooth timer
- Added Power Factor tags
- Added option to assign Power Factor tags to firearms
- Added scoring configuration to Drill tags
- Added Hit Factor, Action Steel, Points Down and ICORE scoring types
- Added scoring to the entry editing screen

1.3.1+52

- Fixed crash reports
- Added option to remotely stop timer
- Added Location tags
- Added option to attach images to tags
- Fixed on-demand time downloading from the AMG timer

1.3.0+51

- Fixed crash reports
- Added support for RangeTech timer
- Added support for Smart Stop Plate timer
- Added Timer Settings screen for AMG Lab and RangeTech timers
- Added option to open time chart from the tags screen

1.2.3+44

- Fixed crash reports
- Fixed copying of the tags summary text
- Added export and import of tags

1.2.2+43

- Fixed crash reports
- Added "close full screen" option for the Landscape orientation (large display mode)
- Added option to attach images to individual runs
- Added option to export timer data with all images
- Added option to import exported data
- Added timer menu on the long tap on the "Timer" button
- Added option to start timer remotely in the timer menu
- Added repeated start and PAR time option with and without connected timer
- Added notes to tags
- Added the log summary for selected tags
- Renaming tags and changing type
- Tag selection improvements

1.1.5+32

- Fixed crash reports
- Added screen wakelock

1.1.4+31

- Fixed crash reports
- Improved charts screen

1.1.3+30

- Fixed crash reports

1.1.2+28

- Fixed crash reports
- Fixed saving pre-selected tags
- Added option to show time chart
- Improvements for downloading data from timer

1.1.1+27

- Fixed crash reports
- The large display mode when device is in Landscape orientation
- Improved contrast of the tag selection
- Improved log layout

1.1.0+26

- Added option to speak out times
- Fixed issue with deleted tags and notes
- Fixed issue with duplicated times

1.0.3+20

- Fixed crash reports
- Added splits editor
- Improved current time view
- Improved split times view

1.0.2+18

- Added support for tag types
- Added option to show split times chart
- Improved chart colors
- Improved iOS UI
- Fixed support email
- Fixed downloading data from AMG timer

1.0.1+11

- Preserve tags from entries
- Editing entry notes
- Enter time manually
- Updated Quick User Guide
- Fixed selection of all day entries on iOS
- Fixed CSV sharing popup on iPad
- Fixed removing/unlinking timer

1.0.0+8

- First release