



Manual for Golf Range Program



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Written in Plain English.

Congratulations on your purchase of your Sports Coach Golf Range Program. This is easily the most interactive program ever developed for the golf industry. We have created a very versatile and user-friendly program, which allows you to view ball flight analysis. To keep you in touch with additional features, software upgrades, new software, new hardware, manuals visit the website regularly at www.sports-coach.com.

Having used specially developed golf software for the past 20 years, we understand the need to develop a system around an easy to use programme, so all professional staff can maximise the capabilities of themselves and the system potential.

This software requires the Simulator Mat installed First, please refer to Simulator Installation Manual

Sports Coach Golf Range Program Includes

Sports Coach's Program CD, Manual for Golf Range Software, Security Device and License.

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1. Basic Minimum System Requirements

A Pentium 500MHz Processor larger recommended, 32 Mb Ram larger recommended, Floppy Disc Drive 3.5", CD Rom Drive 24 Speed or more, 500 Mb Hard Drive larger recommended, VGA Display 1068 x 768 minimum and 32 Bit Colour, 8 Mb Graphics Card 16Mb recommended, USB, Serial and Parallel Ports, Windows 98, 2000, ME or XP

2. Fitting Security Device

The program needs to locate the security device, for the programme to function. It is used to check that the Golf Range Program is licensed. Without the security device being attached to the printer port, the programme will not function.

3. Installing Golf Range Software (When Purchased)

Place the CD marked Sports Coach Programs into the CD Rom Drive. The CD will automatically boot up double click on the Golf Range header and the program will then install, follow the screen commands. Then click on the security device driver header and install, follow the screen commands, then Reboot.

4. Creating Desktop Shortcut

Click start, Click Programs, Click Sports Coach Golf Range, then Right Click Sports Coach Golf Range. Move mouse to Send To click Desktop (create shortcut), this has now been created.



5. Entering the Programme

The Golf Range Program is entered by double clicking the Icon on the desktop. The introduction screen appears, you must enter the golfers name then press any key to enter the programme.

5. Measurements Displayed

Carry Yards is the distance in yards the ball has travelled in the air, for the club that has been chosen.

Spin Degrees is the measurement of the amount of ball spin that has been created, in degrees.

Velocity Mph is the speed in miles per hour that the golf ball that created, after leaving the golf tee.

Speed Mph is the amount of speed of the club head, generated at impact; this is shown in miles per hour.

Impact Position is the position of the club head in relation to the ball at impact, measured in inches.

Rotation Ins is the amount of rotation of the club head, to the shaft, during impact measured in degrees.

Hit Factor is the factor of club head and ball velocity that is generated at impact.

Distance is ball carry plus the additional ball roll that is expected for each club, this is shown in yards.

Face Angle is the position of the club head in relation to target line at impact, measured in degrees.

Swing Path is the angle of the golf swing in relation to the target line, this is measured in degrees.

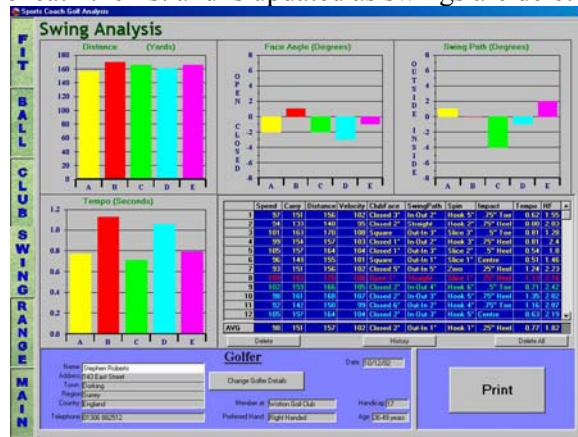
Tempo Sec is the total time from moving the club back to impact of the golf ball, in fraction of seconds.

6. Swing Analysis Screen

Swing Analysis can be used for many purposes such as teaching, retailing and databasing.

This screen contains visual graphs to show in colourful graphics ball carry in yards, face angle in degrees, and the swing path in degrees and tempo in seconds. These are very helpful, when teaching as they show the student what they have actually done at impact. Which when used in conjunction with digital video teaching, gives the Golfer the ultimate golf lesson. As this screen shows the Golfer what they have actually done, whilst the digital video shows them why.

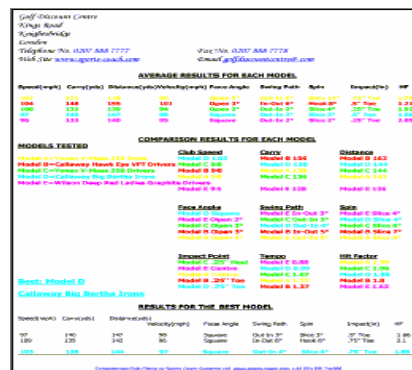
The Swing Table is a complete listing of the shots they have hit, you can delete any shots they were mishit. The average for each of the results is shown beneath the list and is updated as swings are deleted.



Golfer's Information databases the Golfer's Name, Date, Address, Town, Telephone Number, Age Group, County/State, Member at, Country, Preferred Hand and Handicap. So that you can bring up the golfer and look at whatever has been saved against the Golfer in the past, which saves time in the future. This information can be amended at any time.

The System automatically shows the average for 5 separate model results. These results are saved in date order, so every time you bring up that player's results, you can view that golfer's previous performances.

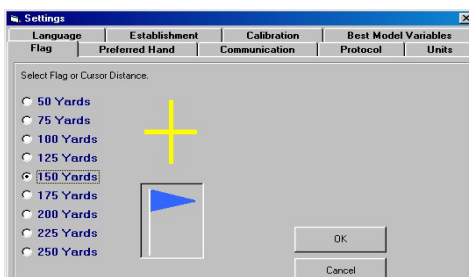
Pressing the Print button, will give you a print out which contains the establishments details, which are amended in the Range/Menu section of the system. The averages for the model's tested are displayed as well as the comparison results for each of the model's tested. The system also displays the best models results. This allows you to present to the Golfer proof of why they made the right decision in the purchasing of their new golf equipment, which they can show to their Golfing friends. It can also be used for Corporate Day Usage or for reinforcing the Golf Lesson. It is worth printing 2 copies of these results, a copy for the golfer and a copy for your own usage.



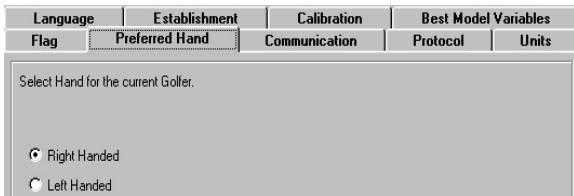
Full Colour Printout of the Best Model Results

7. Range Analysis Screen

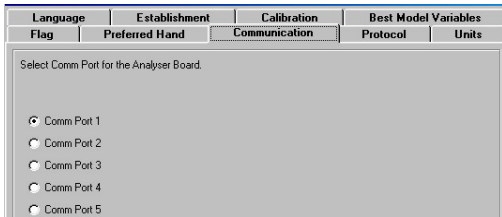
The Driving Range shows the shot data as per the main screen beneath the image, plus the flag distance and the to the flag distance for nearest the pin competitions. In the bottom right are the Image and Menu buttons. The Menu button allows you to alter the various system Settings, they are as follows:-



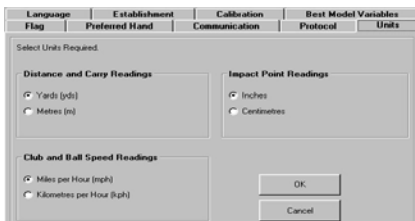
Flag setting allows you to choose whether a target or flag appears and the distance it is set at. The system automatically saves the setting; the flag is useful when using the closest the pin feature.



Preferred Hand chose right or left hand; right hand is the default.



Communication chooses the RS232 port the computer is connected to. The system will save your setting. If you do not know which port the computer is set to, you can test the 5 settings. If this fails to work, then contact the supplier of the computer, for advice.



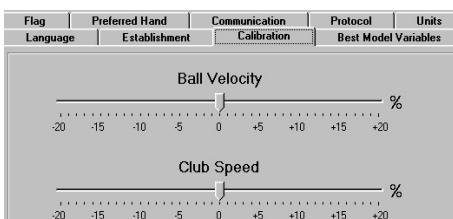
Units allow you to chose metric or imperial measurements, for the 3 settings Distance/Carry, Ball/Club Speed and Impact Point.



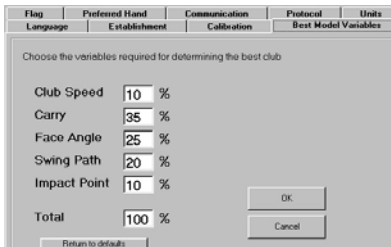
Language setting allows you to select which language you wish to use. The Language setting is also saved, please inform us of any mistakes.



Establishment setting allows you to enter the details that will appear on the printout.

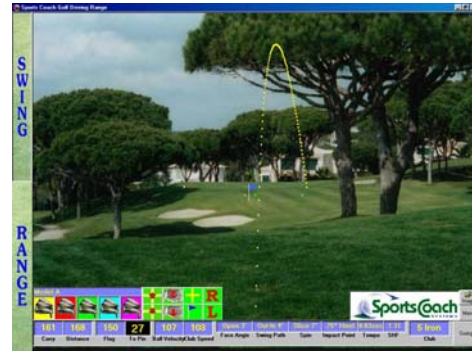
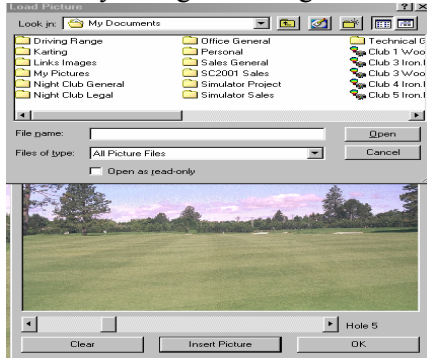


Calibration allows you to increase or decrease a percentage of the ball velocity and club speed-readings. Ball Velocity when altered also affects the carry and distance reading by the same percentage.



Best Model Variables are saved and defaulted to a total of 100%, the figures are used to calculate which is the best model of club or ball. These variables can be adjusted to suit the method of fitting used by the facility.

The system's range image is defaulted, however you change it easily using the image button. There are 18 images supplied, so you can easily change the image used with the image button.



When you select the image button you have the option of moving the scroll bar across and the hole number changes. From here you click insert picture button. This then selects windows standard files box. The software is defaulted to search for Picture Files, which are already saved on the computer. Find the image that you require, a click to select the new image. When you have selected the image you require, simple click the X in the top right to close this screen down.

8. Photographs Required

Any good photograph can be utilised, if it is a digital camera, the camera's software will automatically save each image as a picture file, so this is the quickest method. The most common method is using a standard camera and having the photographs developed and then using a scanner simple scan the photographs in as picture file images. The photograph should be taken with the horizon being 50% of the height of the image and with the centre of the fairway or hole in the centre of the width of the image. To get a good perspective depending on the elevation of the hole, it might be a good idea to take photographs on a step ladder, so slightly above the tee. If this is wrong the image could always be altered slightly by someone competent in using image software. The image can also have advertising dropped onto it.

9. Warranty

The Systems are covered by a 12 month back to base warranty, against faulty workmanship. Any transportation and insurance charges are the sole responsibility of the customer. If any other form of damage occurs like, water damage, transportation damage, wear and tear etc. It is not the responsibility of Sports Coach Systems Limited, to cover any eventuality, so we ask that you take out an Insurance Policy to cover any eventuality. All repairs must be paid for before despatch of goods. When doing Chip Shots you must use a flat edged club and not a curved wedge or sand wedge, otherwise you will get some incorrect shots.

10. Error Messages

401 Refers to Database is out of date, to solve insert Program CD, in CD player, click Exit when CD boots up. Then click Start, click Run, then left click Browse, then click arrow next to Look In and click on CD, then double click on Directory SC Golf Analysis, then click on mdac_typ.exe, click OK and follow on screen instructions to update your Database, when completed Reboot and test the program again.