

Pocket Pro



Operating Instructions

2001 version

BATTERY INSTALLATION

The Pocket Pro operates from a 9 volt ALKALINE battery. To install your battery, simply push the battery cover and remove. Connect the 9 volt battery to the battery clip and re-install cover.

BASIC OPERATION

To power-up the Pocket Pro, push the "POWER ON" button. It will turn itself off after 10 minutes of non-use. The current shot string and par time will be saved.

Upon powering-up the Pocket Pro, the shot mode of operation will be automatically selected. By sliding the Random/Instant switch on the side of the case to its "INST" position you will select an Instant Start. If it is pushed to the "RAND" position a random delayed start of 1 to 3.5 seconds will occur. To determine if the Pocket Pro is "on", simply look for a non-blank display.

If there appears to be a problem with the Pocket Pro, replace the battery with another new battery. This will tell you if there is a problem with the battery or with the Pocket Pro itself. Almost all problems are due to the battery.

METHOD OF OPERATION

The Pocket Pro will power up when the "POWER ON" button is pushed. Push the "START" button and the unit will provide a start beep. The time from the beginning of the start beep to your last shot is frozen in the display. After your last shot, you can look at any other shot by pressing the "Review" button. The shot number is displayed as long as you hold the



"Review" button or for 1/2 second if you don't hold it down. When you release the button, the time from the start beep to that shot is displayed. Holding down the "Number" button will display the shot number. If you hold down the "Number" button and push the "Review" button the shot times will be reviewed in reverse order.

Pushing the "Split" button will show the time difference between the current shot and the previous shot. Holding down the "Split" button while then pushing the "Review" button will review the split times. It will show the shot number for 1/2 second then show the split time. Holding down the "Number" button and the "Split" button while then pushing the "Review" button will review the split times in reverse.

OPERATING CONSIDERATIONS

A Mallory Duracell 9 volt alkaline battery will give a minimum of 30 hours continuous operation. When the battery is too low, "bAtt" will flash on the LCD display.

If the Pocket Pro is left on a flat surface in hot sun, the display may turn black. This is only a temporary condition and is a warning that the device is close to its maximum temperature limit. A few minutes in the shade will usually restore the display.

The shot sensor is located in back of the hole on the front of the case. While pressing the start button, be careful not to cover the shot sensor with your hand. Doing this may couple the buzzer noise into the shot sensor and record it as a shot. If this should happen, the first recorded time would

be less than 0.3 seconds, which is the buzzer duration.

Also, during operation, make sure that there are no obstructions between the shot sensor and the person firing.

This includes other persons or the operator's hand or clothing. For optimum performance, the front of the case should be pointed at the shot being recorded and within 6 feet. The official holding the timer should stay on the contestant's left side so that ejected cases do not strike the timer and cause a false reading.

Multiple timers may be used to time events with about 50 ft. between contestants. Also it helps if the official keeps himself between the Pocket Pro and the other contestant in order to block the sound of the shot.

SECOND BEEP PUSH BUTTONS.

In the Par Time (2nd Beep) mode a second "stop" beep will occur at the time set. This is useful in dry fire practice.

The first thing you will want to do is set the Par Time desired. To do this, press the "2nd Beep" push button and the display will show "PAR" for 1.5 seconds then a preset time of 0 seconds. To change this, simply press push button for the digit you desire to change (.1 sec, 1 sec, 10 sec) while holding down the "2nd Beep" push button. The digit will advance to 9 and then go back to 0 and advance forward again. Releasing the "2nd Beep" push button will save the time selected. It will be saved in power down memory. The par time must be set to "0" to delete it.

To run the Par Time sequence, simply push the "START" button and the buzzer will sound at a random time from 1 to 3.5 seconds or instantly depending on your Instant/Random switch selection. The display will show zeros at this time. The Par Time will begin at the start of the tone and a "2nd Beep"/stop tone will occur at the time previously set. The review capability is useful in determining how many shots occurred after the stop beep. Note that the BEGINNING of the stop beep occurs at the time set and has a duration of .3 seconds. If you have forgotten the time you set for the par time, simply hold down the

"2nd Beep" push button for 1.5 seconds. The par time will appear in the display. Releasing the "2nd Beep" push button and pushing the other push buttons will still allow reviewing of the shot string.

Setting Sensitivity Adjustment

The sensitivity adjustment is the hole on the side opposite the start push button. Clockwise adjustment will increase the sensitivity. Set the arrow straight up for normal practice (factory setting). Rotate the arrow to point approximately 10% below full clockwise (2 o'clock) for Cowboy Shooting when separate shooting bays are used. This will pick up 32-20 rifles which are normally hard to pick up.

SPECIFICATIONS

Operating temperature range: 20 to 110 degrees F.

Accuracy: Quartz crystal controlled. (Within 1/100 sec.)

RETURN SHIPPING ADDRESS

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