

Sports Starting Systems.

Operation Modes

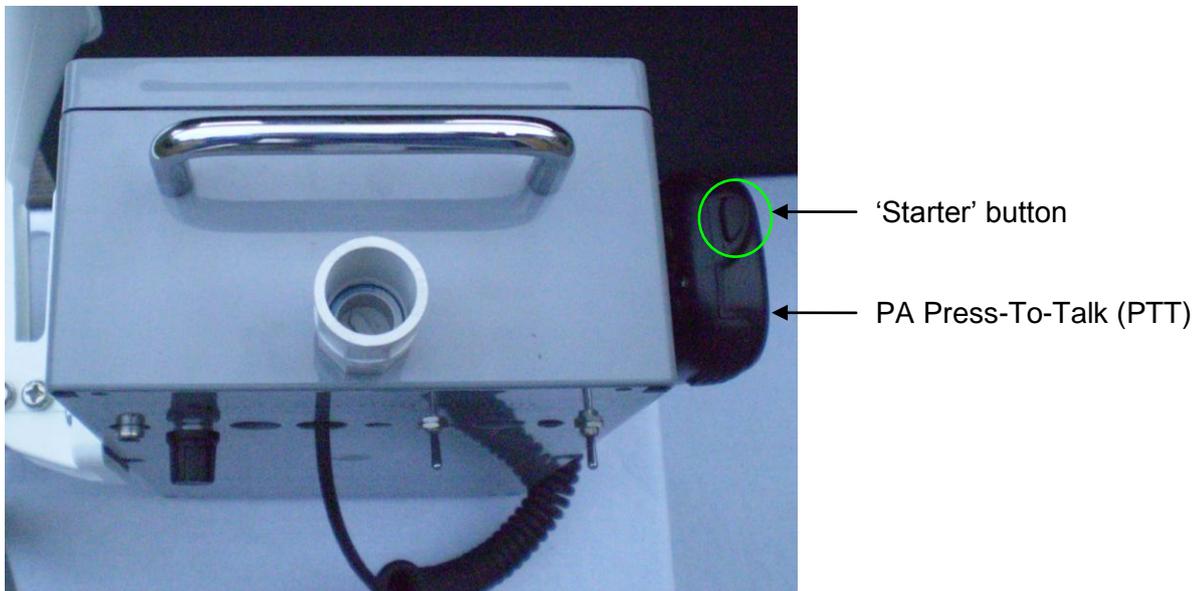
The Sports Starting System can be operated in a number of modes which can be selected at start up using the 'Starter button'.

As a precaution against noise exposure and feedback, operators should position themselves either behind or to the side of the sound horn. Do not operate the starting tone while in a confined space or positioned in front of sound horn as the sound pressure may affect hearing with excessive exposure.

1. Default PA / Tone Mode

When the starting system is powered on the follow sequence will occur:

The timekeeper's light will immediately illuminate for a period of approximately 2 seconds. If the Starter's button is pressed once during this time the system will start in default Public Address (PA) / Tone mode.



The system is now ready to operate as a PA system or starting system. Simply speak into the handpiece while squeezing the 'Press-To-Talk' (PTT), the large button on the left of the microphone.

To avoid feedback adjust the microphone volume to a suitable level and always stand behind the speaker. To allow use of the microphone handpiece a greater distance from the speaker a microphone extension lead and in-line connector is provided.

The microphone volume control only affects the PA volume of the user's voice, it does not affect or control the starting tone volume level.

A start tone is generated by pressing the starter button on the microphone handpiece. The preferred type of default tone and setup can be nominated by the user prior to delivery.

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2. Manual selection of starting and timing system options

The basic unit has two selectable starting tones for swimming and simulated shot for athletics.

If the default starting tone sequence is not selected initially, the system will begin to cycle through the all the tones enabling the user to manually select:

1. Their desired start tone/shot for their purpose and location;
2. False start (call back tone) or no false start signal; and
3. Normally open or normally closed contacts for triggering of a timing system.

The Sports Starting System will operate with a number of different automatic timing systems including; Take Your Mark Swimming Timing System, Dolphin Master Watch, Finish Lynx, Time Machine and Arpee Electronic Timing (Athletics).

(Further information will be provided in relation to the starting system's operation with specific timing systems.)

3. Maintenance

The PA/Starting System is powered by two internally housed rechargeable batteries.

The system will operate continuously for 12 to 16 hours without the need for charging. A 12 volt smart charger is provided for charging the batteries.

As a safety feature while the system is operating (switched on) the batteries will not charge even when connected to the 12V charger. The batteries can only be charged when the power switch is in the 'off' position.

This is to prevent the operator trying to use (and charge) the system in potentially hazardous conditions such as around a swimming pool while connected to mains power.



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4. Optional Items

Extension Speaker

An optional 8 ohm 30 watt external speaker and 30m cable can be connected in parallel with the on-board speaker for additional sound coverage



Optional Extension Speaker and Cable

Remote PA

The starting system is equipped with a PA Auxiliary connector which allows the PA to be input to an external PA system (e.g. at a pool or track) or the external PA, iPod / MP3 player or mobile phone to be fed into the PA/Starting System PA.

The PA Aux connector can also be connected to handheld 'walkie talkie' radio sets which allows PA to be broadcast from the PA/Starting System by any handheld radio (UHF CB) on the selected channel in the area. This enables Event Marshals and Officials to broadcast information to competitors prior to the Start or following the start when required.



(Further information will be provided for operation with specific PA or hand held radio systems.)