

The race officer's assistant! AutoHoot makes running races simpler

- Simplifies starting races
- Avoids timing errors
- Easy to use
- Quartz crystal timing accuracy
- Robust design
- Compatible with most starting sequences



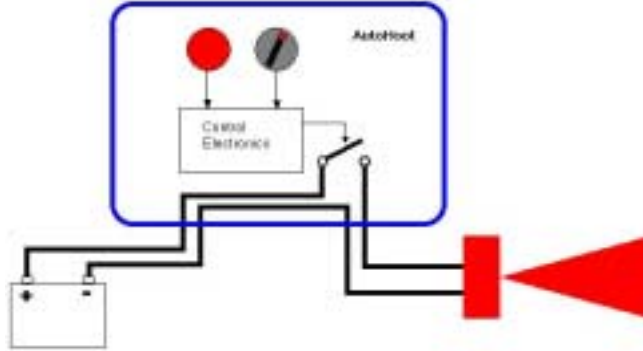
AutoHoot automatically controls the sequence of sound signals used to start sailing races. Aimed as an aid to race officers, there's no easier way to start a race, just switch it on and the sequence begins. The timing order can be set by the user, it has been designed to be compatible with most international starting methods including the Match Racing 10, [6], 5, 4, [2], 0 and the ISAF 5, 4, 1, 0 sequences. For non-standard sequences there are two user programmable options that are ideal for pursuit race starts.

AutoHoot is extremely easy to operate, switch it on at the first signal and the first horn sounds, all subsequent signals will then sound automatically on time. Additional sound signals for recalls or finishing can be made at any time, just by pressing the

separate red hoot button. Two LED's and an internally sounding beeper warn when the horn will sound and give the race officer notice to prepare for flag changes etc.

Accurate and reliable, AutoHoot is constructed from high quality materials suitable for the marine environment. It uses a microprocessor to control the solid-state electronic horn relay. Generally, a low cost car horn can be used, but if a louder signal is required, then AutoHoot can control switch currents up to 20A. An error indication is given if the power is interrupted during the starting sequence. Once AutoHoot is turned on, the starting sequence will repeat, this facilitates successive class starts. If the unit is accidentally left running it will stop sounding the horn after 3hours.

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AutoHoot system diagram

AutoHoot specification

Physical

Size	80mm x 120mm x 74mm (excluding cable entries)
Weight	410g
Sealing	IP65
Case material	High impact polycarbonate
Temperature	Operating range -20C to 70C

Electrical

Supply voltage	9V to 27V
Supply current (excluding horn)	15mA at 12V
Max Horn switch current at 12V	20A
EMC	CE marked

Settings

Sequence length	Selectable depending on the sequence type
Sequence type	RR26, Match Race, Count Down, User Programmable.
Hoot time	0.5, 1, 1.5 or 2 seconds

Operation

Start sequence on/off	Large rotary switch on front
Manual hoot	Large push button on front
Warning LEDs	Power, 90s (30s), 60s
Settings	Internal switches

Miscellaneous

Timing	Quartz crystal oscillator
Horn switch	Solid state high side switch

The manufactures reserve the right to change product specifications. Please check the AutoHoot web site www.AutoHoot.com for the latest information

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