



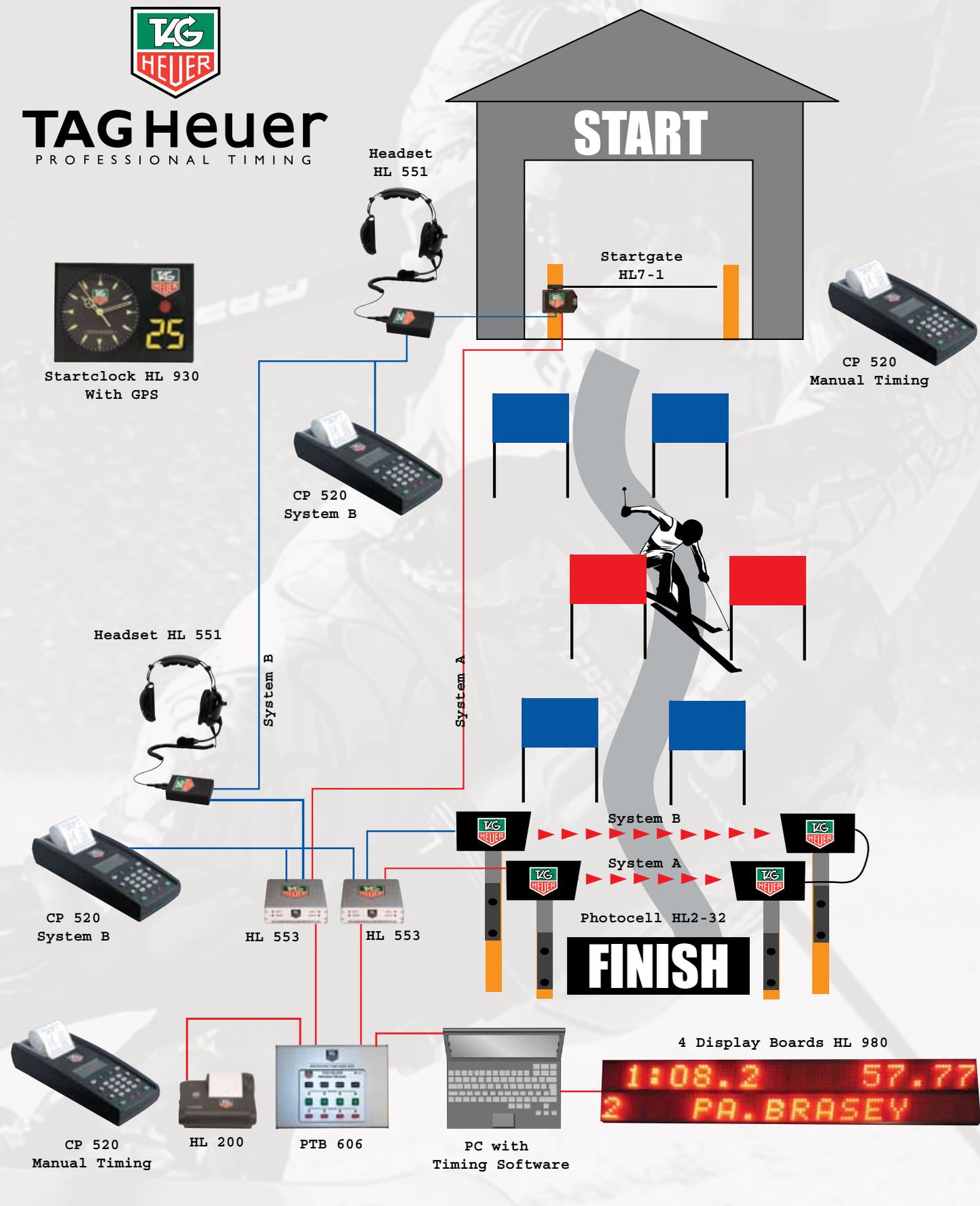
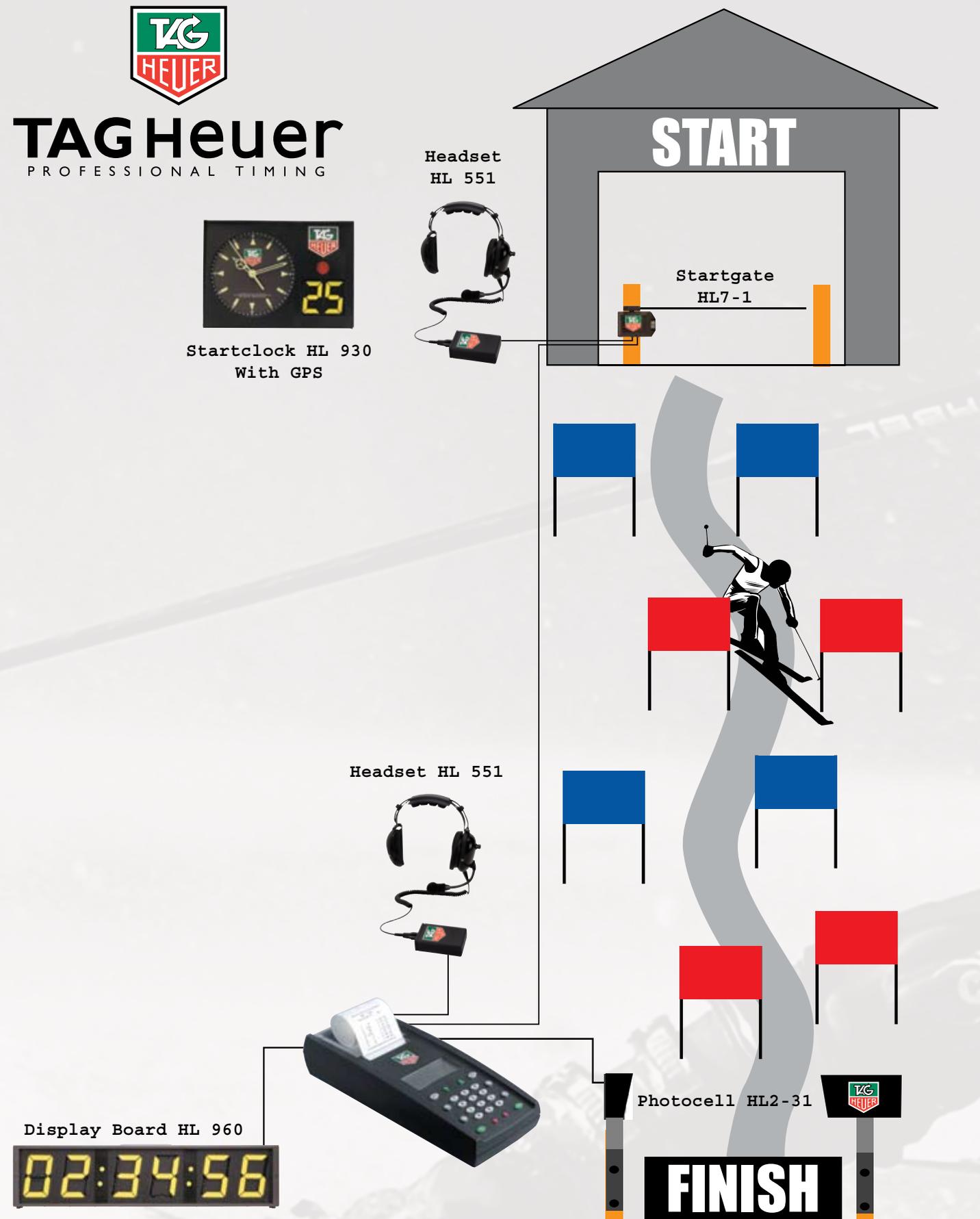
**ALGE**  
TIMING



**Reliable**  
**RACING**  
SUPPLY, INC.  
[www.reliableracing.com](http://www.reliableracing.com)



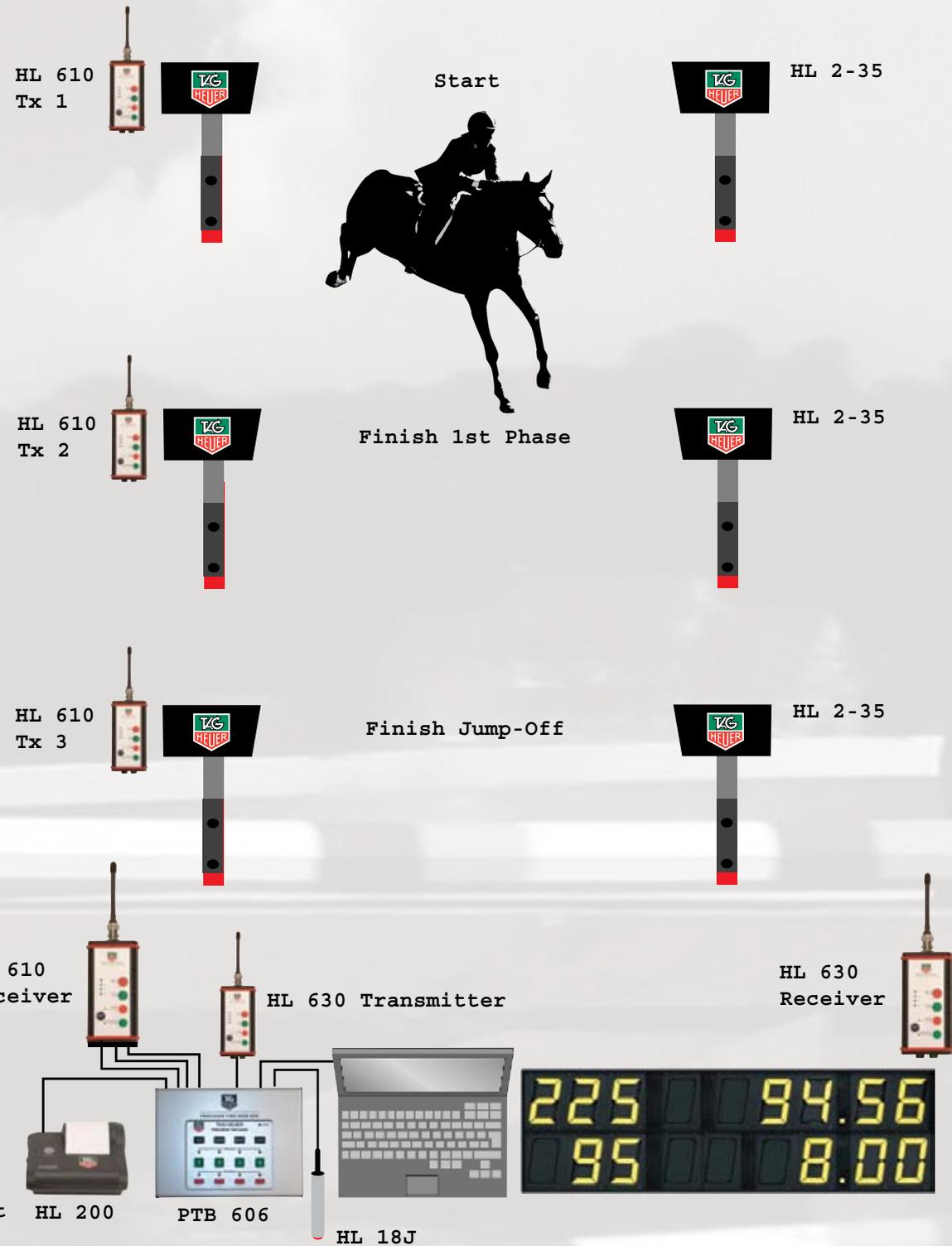
SPORTS TIMING CATALOG  
2007/2008





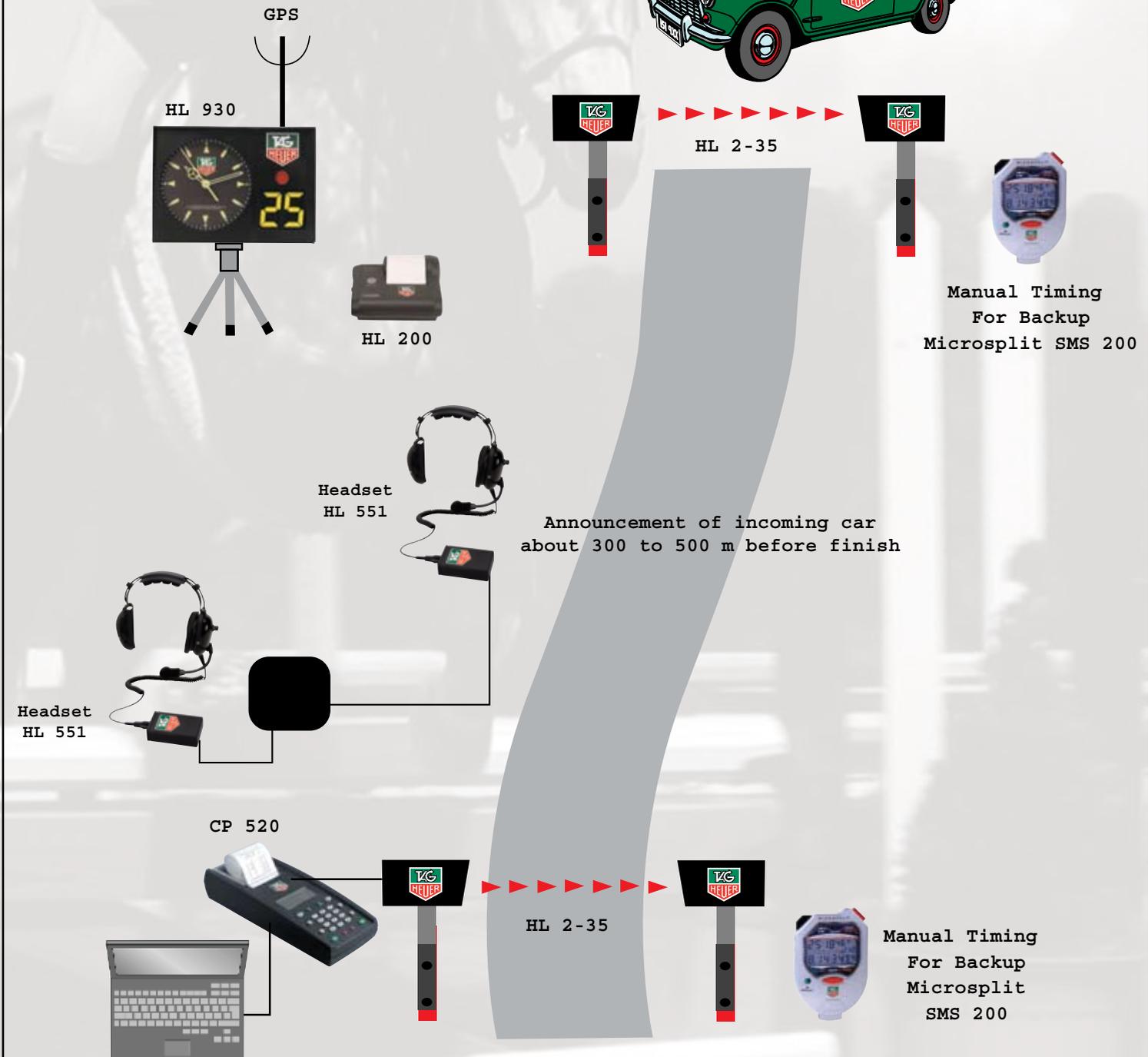
# TAG Heuer

PROFESSIONAL TIMING



# TAG Heuer

PROFESSIONAL TIMING



**NEW! HL640 CHRONOSPLIT**

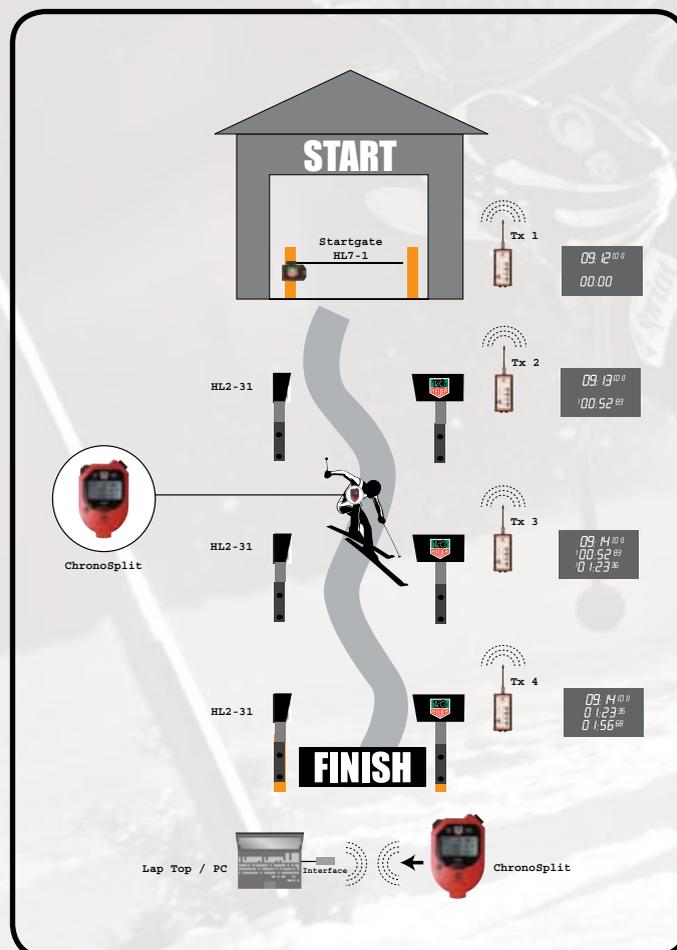
TAG Heuer presents a new timing concept aimed at high precision and reliable measurement of time for training use.

- Wireless personal precision timekeeping system
- Works automatically with transmitters at timing points
- Measure 1000 times in 99 sessions to 1/1000th second precision
- Start, unlimited splits, and finish times can be displayed on the watch or downloaded using a wireless interface
- Transmission range in excess of 45 feet and up to 120 mph
- 4 "team" settings for multiple system use in the same area
- Can also be used as a manual stopwatch



61294 HL640	Chronosplit personal timer	Qty 1-9 \$250.00 ea
		Qty 10+ \$225.00 ea
61295 HL640-1	Transmitter for Chronosplit	\$475.00
61296 HL640-2	USB Wireless interface	\$360.00
62451 HL7-3	Auto Return Start Gate	\$615.00
60019 HL7-313	Start Gate Mount with poles	\$100.00
62442 HL2-31	Photocell with Reflector	\$685.00
60018	Adjustable Mount with poles	\$ 80.00/pair

Transmitters can be connected to start gates, photocells, and other input devices you may already own. Please call us for guidance. Visit [www.chronosplitusa.com](http://www.chronosplitusa.com) for extended information, including a video demo.



**Timers**

**TAG Heuer Chronoprinter 705**

Multiple Timing Program Options including Alpine, Dual, Cross Country, Split/ Lap, and Speed

- Time/Data Management 2 Keypads for easy start, finish management
- Memory Capacity 21,162 Impulses
- Construction Bomber aluminum construction
- Internal Power: Timer 6 "C" cell batteries
- Printer Power 6 "C" cell batteries
- External Power 110 volt with 12 volt DC transformer
- Dimensions / Weight 11x8x3 inches / 7.93 lbs. with batteries



62489 CP705	CP 705 w/aluminum case.....	\$2975.00
62488 HL520-1	Power Supply 110 to 12 volt.....	\$ 80.00
60958 HL605-10	9 Pin Serial PC connection.....	\$ 30.00
62466 HL705-3	Thermal Paper 10 roll package.....	\$ 25.00
62498 HL705-6	30' display cable.....	\$ 105.00
62470 HL705-7	Aluminum Transport Case.....	\$ 395.00
60015 HL100-10	USB to Serial Converter.....	\$ 25.00

**TAG Heuer PTB 606 Precision Time Base**

New and improved design delivered with case, PC cable & charger

- Highly precise 16-channel professional grade time base that can operate in a bi-directional manner when connected to a PC or laptop
- Precision to the 1/250,000th/sec
- Internal rechargeable battery
- Minimal controls as most operations are done in software
- Up to 18600 times can be stored in memory
- Separate RS232 ports for Computer and Display connections



61300 PTB 606	Time Base w/ charger, case, PC cable.....	\$1050.00
61309 HL606-1	Charger for PTB606.....	\$ 175.00
60958 HL605-10	9 Pin serial cable.....	\$ 30.00
60015 HL100-10	USB to Serial Converter .....	\$ 25.00
62498 HL705-6	30' display cable.....	\$ 105.00
61267 HL605.7	Replacement Transport Case.....	\$ 75.00
61415 HL605-8	Multichannel box (input 5-16).....	\$ 375.00

**TAG Heuer CP 520**

Perfect for general timekeeping of many sporting events such as: Alpine ski racing, Nordic ski racing, snowboard racing, autocross car racing, lap oriented racing, kayak racing, and mountain bike events

- Dimensions 9.34" x 4.25" x 2.5" (L x W x H) inches
- Power: 5 AA alkaline batteries
- Automatic or manual timing modes w/ Split, Split/Lap, Lap, or Net time
- Attached high-speed printer for instant net time/bib number results
- Memory capacity of up to 8,000 times



62487 CP520	Chronoprinter.....	\$1295.00
62488 HL520-1	Power Supply 110 to 12 volt.....	\$ 80.00
62466 HL705-3	Thermal Paper 10 roll package.....	\$ 25.00
61405 HL520-10	RS232 Cable RJ12 to 9-pin connector....	\$ 60.00
61243 HL520-17	Power cord to external 12 volt source..	\$ 20.00
61271 HL520-18	Cable Stop/Start Restart.....	\$ 16.00
61413 HL520-6	30' cable to display.....	\$ 125.00
61263 HL520-7	Replacement Transport Case.....	\$ 52.00



### HL2-31 Reflective Infrared Detector

Creates an invisible start / finish line up to 70' wide!

- Alignment and battery indicators
- Working contact output compatible with most timers
- 10 KHz beam responds at 1/10,000 second
- Adjustable duration of output impulse eliminates bounce
- 3 internal "AA" batteries work up to 100 hrs

62442EXT HL2-31	Photocell w/reflector, 5m test cable .....	\$685.00
62403 HL 4	Mount for HL 2-31 Photocell & Reflector ....	\$100.00
62427 HL2-112	Replacement Reflector Only .....	\$105.00



### HL2-32 Professional Photocell Set

The FIS Finish Line System!

- Two transmitters and two receivers mechanically separated, but electronically synchronized for total isolation of the beams. The ultimate primary and back-up photocell system for FIS compliance.
- Three internal AA batteries provide up to 80 hours of operation

62468 HL2-32	Photocell Set .....	\$2300.00
62418 HL 4-3	Mounts for HL2-35 / HL2-32 Photocells ....	\$ 190.00



### HL2-35 Thru Beam Infrared Detector

Separate emitter and receiver create a 270' invisible barrier!

- Visible indicator provides for easy alignment
- 10 KHz beam for 1/10,000 second accuracy
- Working contact output compatible with most timers
- Adjustable duration of output impulse eliminates bounce
- Two power settings help to conserve batteries
- Three internal AA batteries provide up to 80 hours of operation

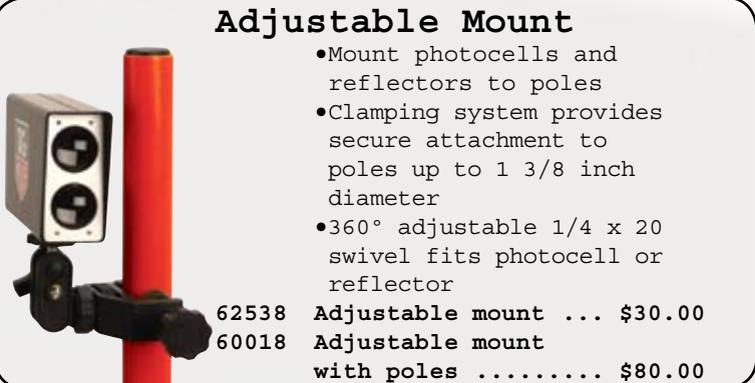
62446 HL2-35	Photocell Set w/emitter and receiver .....	\$1150.00
62418 HL 4-3	Mounts for HL2-35 / HL2-32 Photocells .....	\$ 190.00



### Photocell Hood

- Plastic Housing designed to fit over photocell case
- Slide out to protect photocell lenses from the effects of weather and sun
- Slide out of the way or remove when not needed
- Designed to fit all TAG Heuer photocells

60017	Photocell protective hood .....	\$25.00
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### Adjustable Mount

- Mount photocells and reflectors to poles
  - Clamping system provides secure attachment to poles up to 1 3/8 inch diameter
  - 360° adjustable 1/4 x 20 swivel fits photocell or reflector
- |       |                                   |         |
|-------|-----------------------------------|---------|
| 62538 | Adjustable mount ...              | \$30.00 |
| 60018 | Adjustable mount with poles ..... | \$80.00 |



<b>A</b>	62603 A) Aluminum Tripod	\$25.00
	62537 B) Mini Tripod	\$22.00



### TAG Heuer Start Gates

- High-precision mechanism delivers bounce free impulse to timers
- Two segregated outputs for back-up redundancy (HL7-1) (FIS approved)
- High impact flexible wand
- Mounting chain with hand screw for fast installation

62445 HL7-1	Start Gate, manual return, double output (FIS) .....	\$715.00
62451 HL7-3	Start Gate, auto return, single output .....	\$615.00
62428 HL7-114	Replacement Wand for HL7-1 & HL7-3 .....	\$ 75.00
62443 HL7-113	Replacement Mounting Chain .....	\$ 80.00
60019 HL7-313	Mounting System with poles .....	\$100.00



### TAG Heuer On-Hill Communications

- Complete two-station set includes two headsets, two line-conditioning boxes, and interface cables
- Components are available individually for multi-station systems
- Powered by 9 volt battery
- Adjustable volume control on headset

62412 HL551	Two Station Set .....	\$1250.00
62412SIG HL551-1	Individual Headset .....	\$ 375.00
62412IFB HL551-10	Individual Line Conditioner .....	\$ 260.00



### TAG Heuer HL 18 Manual Contactor

- Features an anodized aluminum case with snap-action button
- Best-quality banana plugs with receptacles allow you to combine several devices with a single pushbutton for precise synchronization "en masse."

61244 HL18	Manual Contactor .....	\$90.00
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### Best-Quality Banana Plugs

- Made by the company that invented the banana plug
- Small screwdriver is all that's needed to do the assembly - no solder!
- Body of plug accepts a banana connector for parallel connections for synch timing
- Available colors are green, black, red, or blue

60777	Banana Plugs specify color .....	\$1.75
63117	Banana Plug Coupler .....	\$2.00

### 2-Conductor Cable

- Silicone jacket is flexible to below -40°
- 2-conductor 18-gauge stranded cable for connection to finish lines, displays, PC's (you name it)
- Sold by the foot

60798	Cold Temp 2-Cond 18 AWG Cable .....	\$0.47/ft
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## TAG Heuer HL610 Radio Impulse Transmission System 10mW

An innovative low power radio system (10 mW) that offers advantages for all timekeepers involved with training, testing or parallel (dual) events.

- Up to 4 simultaneous transmissions of timing impulses with one receiver
- Range of up to 1 mile line-of-site with elevated antenna
- Settings to allow up to 4 "Teams" to work in the same area
- Internal rechargeable battery in receiver
- Lithium coin cell battery in transmitter

61260	HL610	Radio transmission system: 1 receiver 1 transmitter .....	\$1495.00
61261	HL610-1	Transmitter only .....	\$ 490.00
61262	HL610-2	Receiver only .....	\$ 850.00
61268	HL-610-3	Replacement Charger .....	\$ 70.00
61269	HL-610-4	Replacement Antenna .....	\$ 59.00
61270	HL-610-5	Replacement Transport Case .....	\$ 75.00



## TAG Heuer HL620 Wireless Interface System

This radio impulse and data transmission system uses a 500mW radio transmitter to send timing impulses or data over longer distances.

- Range: 10 Miles line of sight
- Precision: 1/100,000 / second
- Power Supply: Internal 6 V rechargeable batteries (NI-MH)
- External: 12 V DC
- Battery Life: 24 hrs. of operation with one transmission/second
- Operating Temp: - 20° to 60° Celsius
- Operating Frequency: 469,500 MHz

62453	HL620	Transmitter, Receiver, 2 Chargers, 2 Antennas, and Case.....	\$2995.00
62459	HL620-1	Transmitter only (for splits).....	\$1500.00
61424	HL620-2	Receiver only.....	\$1600.00
62460	HL620-3	Charger / Power Supply.....	\$ 170.00
62494	HL620-4	Replacement Antenna.....	\$ 69.00
62496	HL620-6	Extension cable for Antenna 3m.....	\$ 49.00



## TAG Heuer HL 930 Start Clock With GPS

- Features an innovative 3-motor analog movement (developed entirely by TAG Heuer)
- Programmable start intervals
- Automatic time-of-day synchronization with an internal GPS module
- Digital countdown with Acoustic "beep", and red/yellow/green indicator for all starts
- Ability to be programmed through your PC to change settings
- Start Clock can be installed suspended by hooks or mounted to a tripod

61275	HL930	Start Clock .....	\$3250.00
61280	HL650-6	Replacement GPS antenna .....	\$ 75.00
61289	HL930-1	Remote Control .....	\$ 420.00
61290	HL930-3	Replacement Charger .....	\$ 160.00
61291	HL930-4	Post Mount for Start Clock .....	\$ 125.00
61292	HL930-7	Replacement Transport Case .....	\$ 290.00
61248	HL5RL	Road Rally Tripod .....	\$ 180.00
61264	HL200	Thermal Printer .....	\$ 790.00



## TAG Heuer Display Boards

These displays are compatible with all TAG Heuer timing systems and can be driven directly by many PC software products. An internal clock in the displays allows for the autonomous use of a display as a standalone device to display time-of-day or for use as a self-timer.

- Data Communication: RS 232 at 9,600 bps for all types of data to be displayed
- Time Base: Quartz oscillator for use as a stand-alone clock
- Inputs: START and STOP for timing impulses, SYNCHRO, with time of day.
- Outputs: RS 232 connection to other displays
- Temperature Range: -10°F to 120°F
- Dimensions/Weight: HL960: 21 lbs./ 63 x 13.25 x 6 inches
- Dimensions/Weight: HL965: 44 lbs./ 39 x 9 x 5 inches
- Dimensions/Weight: HL990: 33 lbs./ 60 x 9 x 5 inches
- Power Supply: External 110 VAC input to 12VDC output. Optional Internal Battery.
- Digits: 6-inch electromagnetic numbers visible from 300 ft. away or 10-inch (HL965) numbers visible from 500 ft. away

62478	HL960	6-Digit (6" digits).....	\$3200.00
61410	HL965	6-Digit (10" digits).....	\$4200.00
62479	HL990	9-Digit (6" digits) (Shows Bib # & Time).....	\$4950.00
61411	HL960-A	Internal Battery (includes external charger) for HL960/990.....	\$ 650.00
61412	HL965-A	Internal Battery (includes external charger) for HL965 .....	\$ 750.00
62484		Charger for internal battery.....	\$ 160.00



## HL 980 Alphanumeric Display

- New 8 character LED Matrix display can be used to display text as well as numeric information
- Comes complete with PC connection cable and external power supply cable
- Optional protocol converter is used to drive these displays directly from a timer
- Displays can be combined into a large display module

61310	HL980	Alphanumeric LED Matrix Display.....	\$2590.00
61311	HL980-1	Protocol converter.....	\$ 490.00
61312	HL980-10	Connection cable for radio data transmission .....	\$ 145.00

**HL 553 Impulse Distributor**



- Isolates your timing electronics to ensure that systems operating in parallel are not linked in any way to each other
- Two opto-coupled control circuits that are totally separate
- Each circuit has one input that triggers two isolated outputs
- Take an impulse from a start or finish device and distribute it to two timers
- Simplifies wiring for primary and back up timing
- Provides total isolation between hill wire connections and multiple timers

62464 HL553 Impulse Distributor ..... \$390.00



**HL200 Thermal Printer**

- Serial printer with 9 pin connection and internal rechargeable battery
- For use with the PTB 606, HL650, or HL930
- Delivered with a connection cable and charger

61264 HL200 Thermal Printer..... \$790.00  
62466 HL705-3 Thermal Paper 10 roll package..... \$ 25.00

**Tag Heuer Microsplit**



The ideal professional stopwatch for sports and the ski industry. Its multiple functions, its design and its ergonomics will convince you:

- START / STOP / RESTART / RESET
- SPLIT (intermediate times)
- LAP (lap times and number of laps)
- SHORT LAP (memory scrolling and best lap)
- COUNTDOWN (acoustic beeps for the last 5 sec.)
- PACER (acoustic cadence from 1 to 300 bpm)
- MEMORY (recall of times)
- TEMPERATURE RANGE (-15°C to +55°C)

61245 MS200 ..... \$145.00

**Seiko S149 Digital Stopwatch**

A digital stopwatch featuring a built-in printer which provides hard copy measurements instantly! A great training aid for all sporting events! You can leave the clipboard at home!

- 1/100th of a second precision
- Split, Split/Lap, and Auto-Start timing modes
- Up to 300 split times and lap times can be measured and stored
- Memory capacity indicator
- Printer delivers data during and after the event
- Adjustable LCD contrast level
- Optional Grip Switch allows for easy one-touch use

60986 Seiko S149 Digital Stopwatch ..... \$395.00  
60989 Optional Grip Switch ..... \$ 75.00  
60987 Box of paper (5 Rolls) ..... \$ 10.00



**HL 650 Splitmaster**

This revolutionary timing device combines the precision of GPS technology with TAG Heuer's proven thermo-compensated time base, delivering guaranteed accuracy to 1/100,000 of a second - far exceeding the requirements of any sport.



- GPS synchronization of the base unit
- Synchronization between the base and satellite unit guarantees time stability from start to finish
- Time-of-days at the start and finish remain accurate throughout the timing session
- Memorize and retransmit times from the satellite unit to the base unit. Never lose a time!
- Printer can be connected to both units for FIS requirements for system A or B
- Connect to a PC to share all timing data with software, or download all the memorized times later on

61249 HL650 Splitmaster Set Receiver/Transmitter Charger/ Antennas ..... \$6450.00  
61287 HL650-KIT Keypad / Headset / Splitmaster Set ..... \$7950.00  
61276 HL650-1 Transmitter only ..... \$3400.00  
61277 HL650-2 Receiver with GPS ..... \$3700.00  
61266 HL650-3 Charger ..... \$ 160.00  
61278 HL650-4 VHF Antenna ..... \$ 69.00  
61279 HL650-5 Extension Cable for antenna (15ft) ..... \$ 59.00  
61280 HL650-6 GPS Antenna ..... \$ 75.00  
61281 HL650-7 Aluminum Case ..... \$ 350.00  
61252 HL650-V Telephone System for Splitmaster (2 Station) ..... \$1450.00  
61282 HL650-10 Amplifier for Headset with push to talk ..... \$ 385.00  
61293 HL650-20 Numeric Keypad for Splitmaster ..... \$ 850.00  
61264 HL200 Thermal printer ..... \$ 790.00  
62466 HL705-3 Thermal Paper 10 roll pack..... \$ 25.00

**Automatic Carving Course System**

- Choose between the hard-wired or wireless system based on your requirements
- Set up a self-timed venue in minutes
- Teach skiers and riders what it means to carve a turn across the fall line, in other words, ski in control
- Provide excitement and objectivity
- Increase the fun-factor at your mountain
- Includes snow display stand

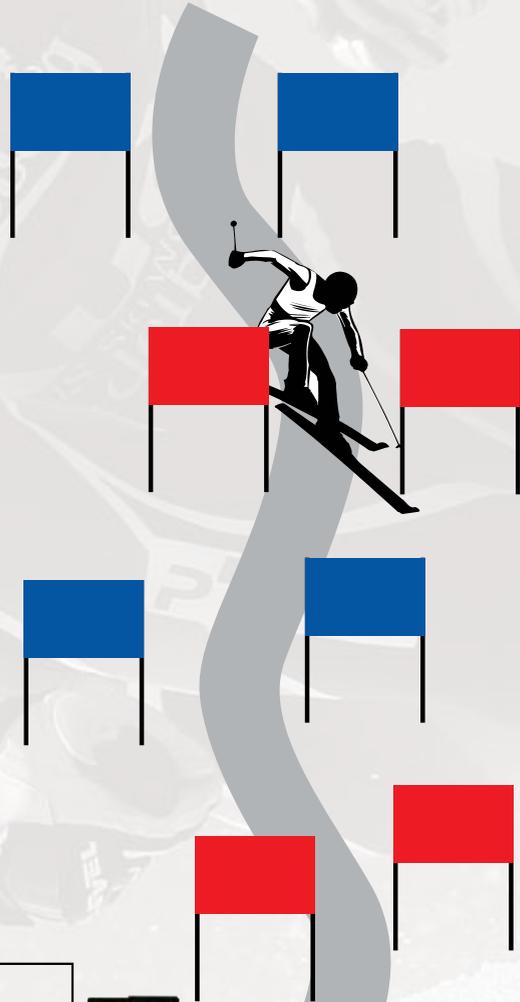
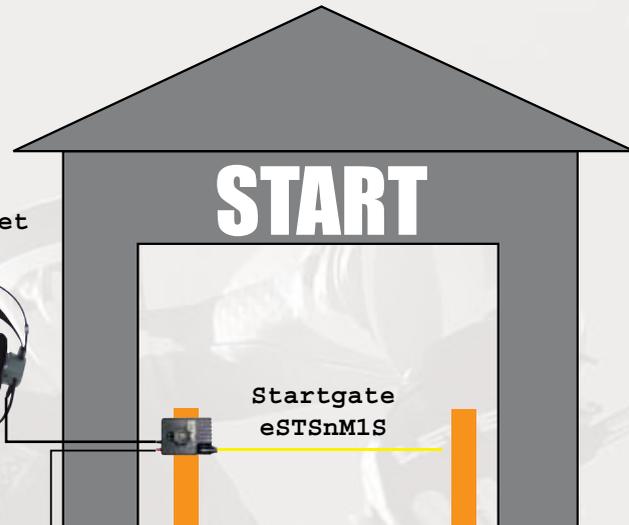


Recommended wireless system includes the following components

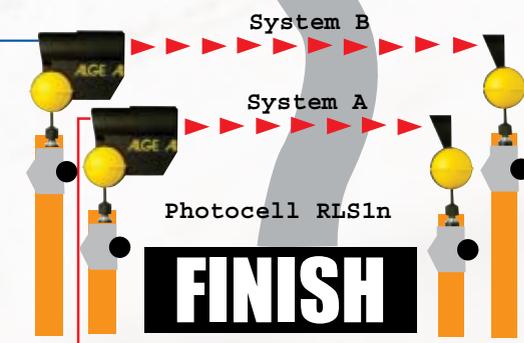
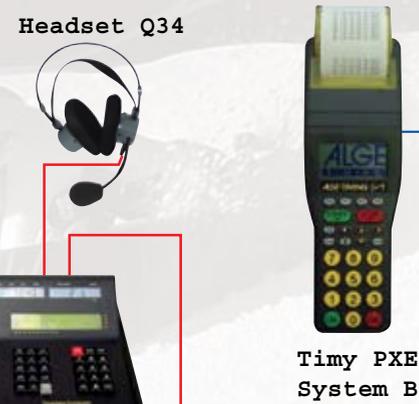
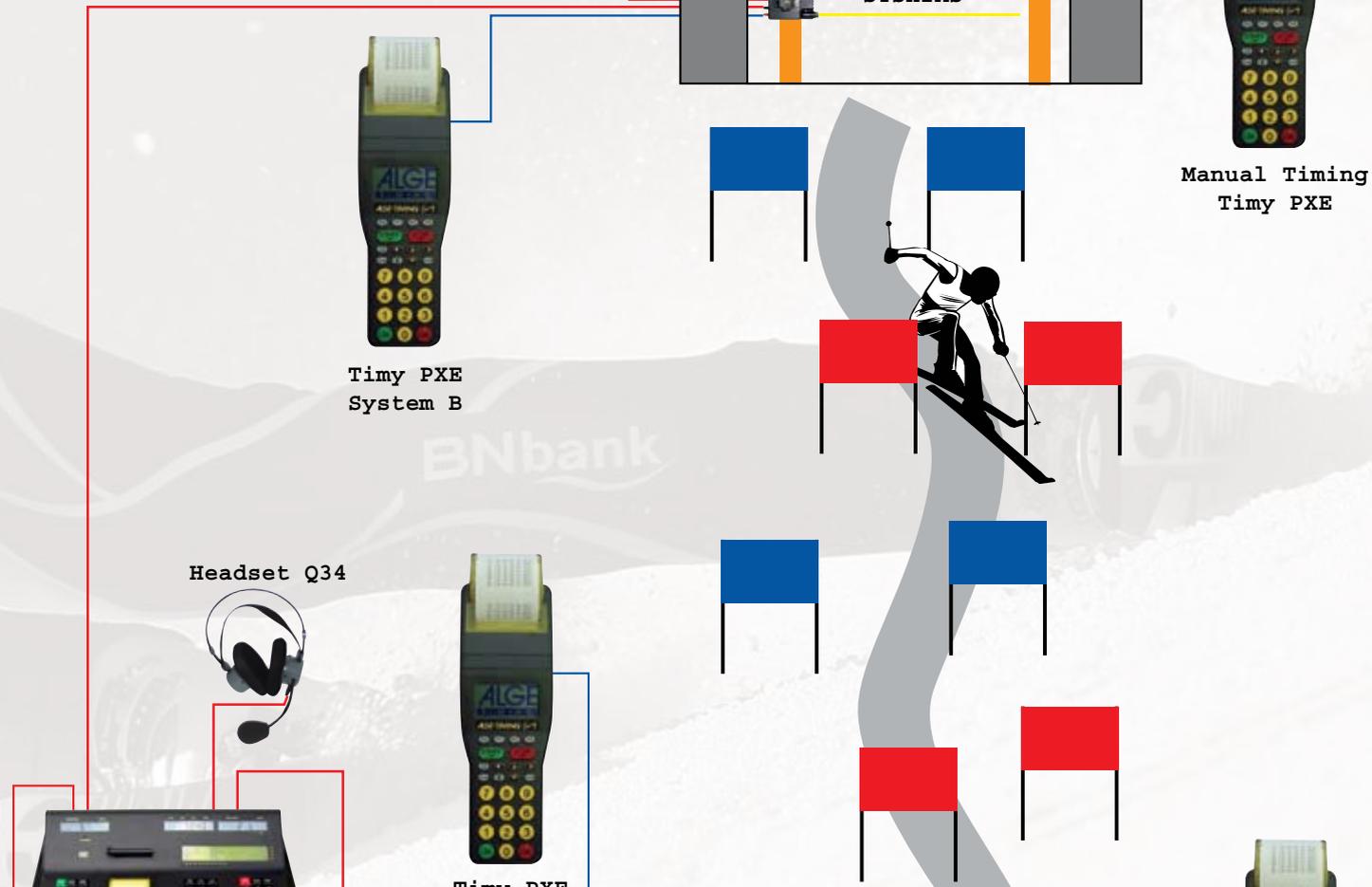
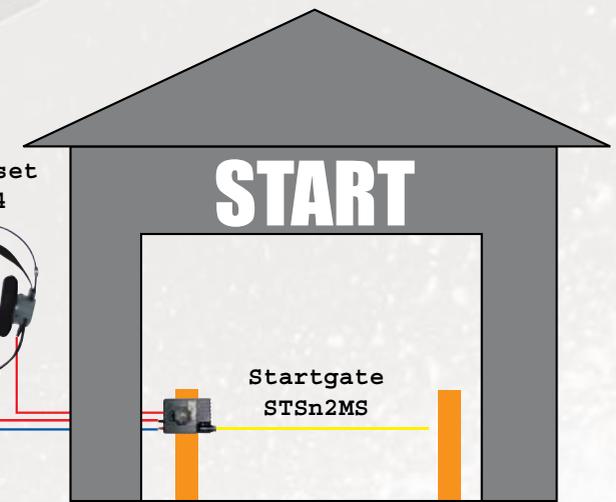
63031 4 Digit 5" Auto Display Timer (1)  
62442EXT HL2-31 Photocell w/ reflector (1)  
61260 HL610 Radio Transmission System (1)  
61261 HL610-1 Additional Transmitter (1)  
60018 Adjustable mount with poles (2 pair)  
62451 Auto Return Start Gate (1)  
44315 Brush Gates (30)  
44343 Coroplast Instruction Sign  
60019 Start Gate mount with poles  
Package price depends on options selected. Call for quote.

We will build a complete package based on your specific needs

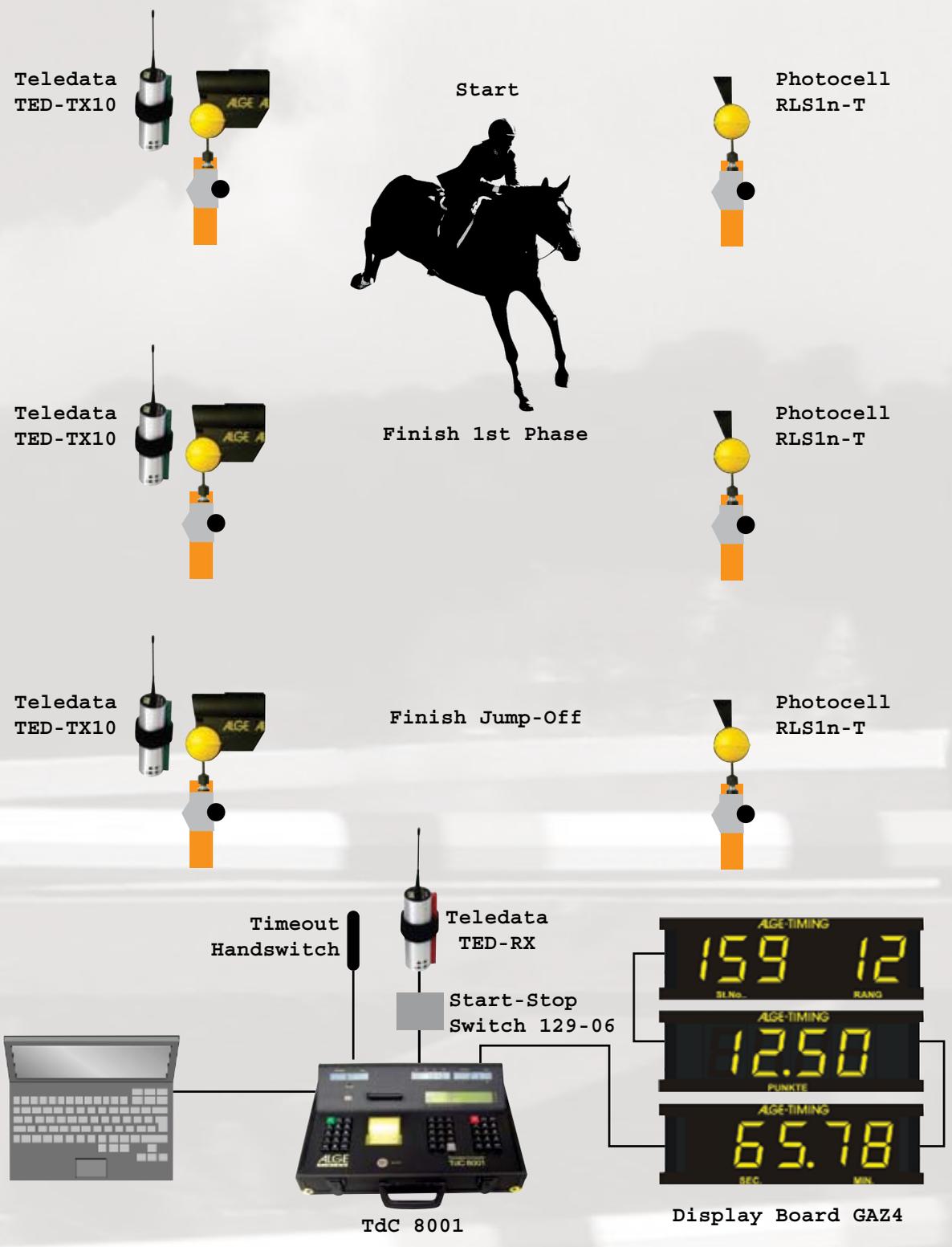
# ALGE TIMING



# ALGE TIMING



# ALGE TIMING



### ALGE OPTIC2 Photofinish Camera System

ALGE OPTIC2 Photo finish is a computerized color photofinish system with integrated evaluation software using the latest FireWire technology. Mass finish sports like thoroughbred (horse) racing, harness racing (pacing, trotting), greyhound racing, triathlon, rowing, canoe, kayak, track and field, cross country skiing, skier cross, snowboard cross, motor sport, road and track cycling etc. can all benefit from this type of technology. There can be no dispute over the results as photofinish cameras provide a permanent visual record of the finish line and is the most accurate method of determining a mass finish currently available. With resolution up to 1/2000th of a second, photofinish cameras have a huge advantage over transponder or human judging which are just not capable of accurately determining close finishes nor can they produce a auditable record for scrutiny.

- No additional costs for film or film development
- Simple operation (PC with Windows)
- Unlimited recording time (only limited by hard disk space)
- Adjustable recording speed between 100 and 2000 lines per second (able to record slow and fast sports)
- Adjustable timing precision (1/10 sec, 1/100 sec, 1/1000 sec, or 1/10,000 sec)
- Evaluation is possible before all competitors have reached the finish line
- More than one race can be timed simultaneously
- During the evaluation of the photofinish image you can start another race
- Automatic, electronic brightness correction if the light conditions change during the race
- Photofinish images are stored immediately to disk, so are available to share across network
- Motor zoom function
- Integrated evaluation software, providing direct transmission of exact times into the result list
- Evaluation and bib entry by lane, start number or manual control
- Prints start list, ranking list, and evaluated picture
- Photo finish prints can be sold or made into T shirts
- Flexible headers for the result list
- Headset connection for communication with the starter
- Automatic recording through photo electric cell connection
- Up to 100m (325 ft) cable length between PC and camera (the camera's power supply comes through the same cable)
- Connection for a display board
- Direct connection to custom evaluation software is possible
- RS232 interface to connect a graphic generator for video graphics

63091 OPTIC2 System..... Please Call for Pricing

**ALGE Timedata Computer TDC8001**

The Timedata Computer TdC 8001 is one of the most rugged and weather-resistant printing timers ever produced. The super accurate TCXO quartz crystal, combined with weatherproof circuitry allows full operation from -25C to +50C (-10F to +122F). Specially designed LCD displays for running time and data editing are visible in all lighting conditions, and power-on instantly. The professional-grade attaché-case styling, with built-in rechargeable battery pack, ensures total durability and flexibility.



- Built in software for all types of popular timed sports
- Total printer control with the ability to continue timing while printing results
- Memory for up to 10,000 times with bib numbers up to 9999
- Four separate races can be run before having to clear out the memory
- Ability to run multiple heats within each race
- Results can be produced for up to 40 different age and gender groups racing together
- Computer interface for easy posting to the internet or reference times to user created databases
- Display interface for use with all types of ALGE displays or message centers

63055 TCD8001 .....\$4995.00

**ALGE S4 Timer**

The S4 is a very versatile timing computer supplied with 11 standard programs for a variety of sports. It is a very useful time base for PC applications as it can supply time of day and channel ID for up to 18 separate timing channels as well as net time as a RS232 data feed through its serial port that can be used to create virtually any number of custom sports timing applications.



- Certified accuracy with a temperature-compensated quartz crystal
- Net timing for up to three racers on a single course, or for three courses with one racer per course
- 18-channel capability
- RS-232 output-capable
- User-selectable baud rates for compatibility with numerous aftermarket software packages
- Supports scoreboard-output
- Huge memory -- up to 8,000 times
- Built-in speech amplifier for use with ALGE Q34 headsets
- Uses internal rechargeable batteries or alkaline batteries (6 x "D")

63018 S4 Timer .....\$1995.00  
 63106 External Battery Charger + Power Supply .....\$ 40.00  
 63108 Data Cable 010-10 .....\$ 50.00

**ALGE Timy**

The new multipurpose timer, the "Timy" (pronounced "TIME-E") is now available from ALGE. This hand held device comes with an attached printer making it a self-contained general-purpose timing machine. The Timy is a great improvement over stopwatch timing especially for multi-lane events because all lanes are started with a common impulse, instead of each timekeeper starting and stopping their watches separately. **Set includes timer, carry case, 3 rolls paper, USB cable and power supply.**



- Certified accuracy with a temperature-compensated quartz crystal
- High-readability, high-contrast 128 x 64 liquid crystal display employing multiple font sizes & styles
- Weatherproof silicon keyboard features large buttons
- 9-channel capability expandable up to 99 channels
- Huge memory -- up to 18,000 times
- Internal rechargeable batteries
- Huge memory -- up to 18,000 times
- Internal rechargeable batteries

63056 Timy PXE-S .....\$1850.00  
 63114 DATA Cable Timy to PC (Serial) .....\$ 95.00  
 63063 Paper RTP .....\$ 4.00



**ALGE Infrared Photocell with Reflector - RLS1n**

- Transmitter/receiver module with reflector
- Useful for distances of 1.5 to 25 meters (5 to 80 feet)
- Meter to adjust the photocell and control the power supply
- Runs off internal battery (1 C cell) or external supply (switch selectable)
- Connection to cable by DIN connector or banana jacks
- Sliding weather shroud to protect lenses from rain or snow

**Set includes:**

- Transmitter / receiver unit
- Reflector
- Fastening brackets for photocell and reflector
- Photocell cable 001-10 (10 Meter stop cable)

63000.....\$685.00



**ALGE "Two-in-one" Photocell Set**

- Use as two independent reflex sensors (25 meter/80 ft), or as one thru-beam sensor (100 meter/325 ft)
- Toggle switch converts reflex sensor to transmit- only mode for proper thru-beam operation
- Meter to adjust the photocell and control the power supply
- Runs off internal battery (1 C cell) or external supply (switch selectable)
- Connection to cable by DIN connector or banana jacks
- Sliding weather shroud to protect lenses from rain or snow

**Set includes:**

- 2 RLS1nd# Reflex sensor with switch to "transmit" mode
- 2 Ref-n reflector
- 4 BBG fastening console
- 2 10-meter cable with connectors

63002 .....\$1270.00



**ALGE Dual Contact Start Gate with Amp**

- FIS Approved
- Manual return
- Two separate outputs to trigger multiple timing devices
- Built in speech amplifier for on hill communications

63005 STSnm2s ..... \$710.00

**ALGE Single Contact Start Gate - No Amp**

- Automatic return
- One contact to trigger the timing device (closing contact)

63001 STSnA1 ..... \$450.00

**ALGE Single Contact Start Gate with Amp**

- Automatic return
- One contact to trigger the timing device (closing contact)
- Built in speech amplifier for on hill communications

63064 STSnA1S ..... \$615.00

63065 Replacement Wand for STSn ..... \$ 45.00  
 63066 Replacement Wand for STSc ..... \$ 45.00



**ALGE Q34 Headset**

- Headset with two built in headphones and a microphone
- Advantages: Excellent immunity to surrounding back ground noise (e.g. from starting pistols, spectators, etc.)
- Disadvantages: Noise immunity makes it difficult to converse with others nearby
- Recommended for outdoor use or for timing officials that require isolation from surrounding noise

63007 Q34 ..... \$340.00

**ALGE Q34/5 Starters Headset**

- Q34/5 with cable length of 5 m for starting officials.
- Same features as the Q4 but with a longer cable for better mobility

63080 Q34/5 ..... \$435.00

\*Amplifier sold separately



**ALGE HS-1/D Single Ear Headset**

- Headset with single earpiece and microphone
- Cable length: 1.5 m (60 inch)
- Advantages: Conversing with persons nearby is easy
- Disadvantages: Environmental noise is not absorbed (e.g. from spectators, loudspeakers, etc)
- Only for use with timing devices or speech amplifiers that have volume adjustment
- For indoor use when background noise is not an issue.

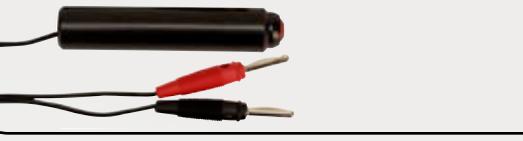
63081 HS-1/D ..... \$225.00



**ALGE SV4-S Speech Amplifier with Switch**

- Connection for a two-wire line (banana plugs)
- Connection for headset
- Lever for volume Switch
- Push button for microphone
- Powered by internal 9 volt battery

63008 SV4-S ..... \$295.00  
 63112 Adapter for 2 headset with one Amp ..... \$ 30.00



**ALGE Hand switch**

63109 Hand switch with banana plugs (2 Meter)..... \$75.00



**ALGE TED Teledata Transmitter / Receiver**

- Practical design with rugged flexible antenna system
- Standard package includes one TED-TX and one TED-RX
- System can be upgraded with additional TED-TX or TED-RX
- Two power levels:
  - o TED-TX10: 10 mW transmitter with a range of up to 1,5 km (1 mile)
  - o TED-TX400: 400 mW transmitter with a range of up to 5 km (3 miles)
- RS 232 interface for data transmission
- Two timing channels (start, stop) on request: RX-C10 to expand to 10 timing channels
- Input for ALGE devices (start gate, photocell, etc.)
- Security code to protect data integrity
- Frequency of 434.65 MHz (70 cm band), other frequencies available on request
- Can be easily mounted to many surfaces
- Uses either 6 AA-Alkaline or rechargeable batteries

63073 TED-TX10 10Mw Teledata Transmitter ..... \$1035.00  
 63074 TED-RX10 10Mw Teledata Receiver ..... \$1235.00  
 63075 TED-TX400 400Mw Teledata Transmitter ..... \$1610.00  
 63076 TED-RX400 400 Mw Teledata Receiver ..... \$1345.00  
 63077 BNC Antenna ..... \$ 75.00  
 63078 RX-C10 TED 10 Channel Adapter ..... \$ 335.00



**ALGE STB1 Startbeep**

- 9 user selectable preprogrammed acoustic start intervals
- Two-user programmable acoustic start intervals
- Selectable pre warning tone ten seconds before the start
- Start gun function with acoustic tone (track or swimming)
- Easily transported and fastened for use
- Simple design with instructions printed on the horn
- Operates on internal alkaline 9 Volt or rechargeable battery
- Output of start impulse to another device at the selected zero time

63009 STB1 ..... \$425.00



**ALGE LED Start Clock w/ Internal Battery**

- Self-contained, extremely accurate time base based on the ALGE temperature-compensated quartz crystal
- Features multiple independent countdown intervals
- Audible countdown beeper
- LED warning indicator displays either red or green to denote course clearance based on sport regulations (Alpine Skiing etc)
- Can be connected to a start gate to record and/or print all time-of-day start times
- Allows for automatic or manual synchronization with time-of-day
- All memorized start times can be downloaded to a PC

63079 LED Start Clock ..... \$2350.00  
 63090 Replacement Battery..... \$ 70.00



**ALGE GAZ4 7 Segment Electromagnetic Displays**

- Numeric display board, controlled by ALGE timing devices, race software, or from internal clock (stop watch or countdown mode)
- Figure height: 150mm (6") bi-stable electromagnetic 7-segment technology, good readability even in bright sunlight
- Low power consumption
- Built in power pack

63094	GAZ4 5 Digit Display Board .....	\$2750.00
63095	GAZ4 6 Digit Display Board .....	\$2990.00
63111	Connection Cable GAZ-GAZ with Data and Supply .....	\$ 105.00



**ALGE D-Line 57mm Six Digit LED Indoor Display Board**  
**ALGE D-Line 150mm Six Digit LED Outdoor Display Board**

- RED LED numeric display board.
- Controlled directly from ALGE timing devices as well as from other devices by RS 232 interface or they can be operated as a stand-alone clock with count down or count up stopwatch capability.
- For Indoor Use 57mm high digits other figure heights also available (please call)
- For Outdoor Use 150mm high digits other figure heights also available (please call)
- Built in power supply (100 - 240 VAC, 50-60 Hz)
- Can also be externally powered by a 12-volt battery if main power is not available. (Power cable required)
- The advantage of LED display boards compared to other display boards is low price, low maintenance, low power consumption and low weight.

63101	ALGE D-Line 57mm Six Digit LED Indoor Display .....	\$1155.00
63102	ALGE D-Line 150mm Six Digit LED Outdoor Display .....	\$1795.00
63113	D-Line Programming Cable .....	\$ 75.00
63110	Battery Connection Cable 5m .....	\$ 165.00



**ALGE D-RTNM LED Matrix Display Board**

- Standard model 16 Pixel high by 96 Pixel long. 7'3" long by 20" high enclosure
- Universal use through Ethernet, RS485 and RS 232 interfaces
- Internal memory of 4 MB to store pictures, logos, animation or competitor lists. It is possible to run the board directly from the internal memory
- Operate the board directly from the terminal that operates ALGE-Multisport score boards
- Capable of retrieving the ID-number, time (also running time) and rank directly from ALGE timing devices (e.g. TdC 8001)
- Ability to store names and other information in the internal memory of the board.
- Adjustment of the led brightness to 100 different levels
- Non-multiplex controlled LED for longer life and higher brightness
- Built in power supply (100 to 240 VAC)
- Rugged aluminum case with red Plexiglas front

63103	D-RTNM-P4-16X96-0 .....	\$12,250.00
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**ALGE Docking Station for Timy TIDO**

- 1 x 25 pin Multiport socket the same as on the Timy
- 2 x DIN-socket for photocell with channel 0, 1, 2
- 1 x DIN-socket for photocell with channel 3, 4, 5
- 1 x DIN-socket for photocell with channel 6, 7, 8
- 2 x DIN-socket for RS 232 interface (PC) and RS 485
- 1 x DIN-socket for headset
- 1 x Lever for volume of headset
- 1 x Pair of banana sockets to connect a speaker (output)
- 9 x Pair of banana sockets (channel 0, 1, 2, 3, 4, 5, 6, 7, and 8)

63082	Docking Station .....	\$545.00
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**ALGE MC9, MC18 and OC18 Multichannel Adapters**

- MC9 9 channel adapter for Timy, S4 or TDC8001
- MC18 18 channel adapter for Timy, S4 or TDC8001
- OC18 18 opto-coupled channels for Timy, S4 or TDC8001

63083	MC9 .....	\$285.00
63084	MC18 (not shown) .....	\$395.00
63085	OC18 (not shown) .....	\$665.00



**ALGE P5-5 Printer**

- Quiet and fast Thermo-Paper-Printer (up to 5 lines per second)
- Design allows easy paper change as the paper transport roller is combined with the paper cover
- The print head does not move making a jam of the paper between the roller and print head almost impossible

63061	P5-5 .....	\$685.00
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***ALGE-TIMING provides a complete, state-of-the art swimming timing system, which can be used at your competition or training swimming pool.***

The heart of the SWIM 2000 swimming timing system is the revolutionary software running on Windows® (Windows 95, 98 or NT4.0) which makes timing of the smallest to the largest swimming competitions easier than ever before. The visual user interface gives the operator an unprecedented level of feedback from the swimming pool sensors.

The ALGE SWIM 2000 system use a single time base for all touch pad and manual SAT buttons and false start relay pads which are printed on a single tape in chronological

order eliminating the need to compare multiple print outs. A real time comparison of touch pad and manual SAT buttons visually alerts the operator to any discrepancies. Automatic connection to HY-TEK meet manager makes the distribution of results a snap.

The ALGE SWIM 2000 touch pads are the most robust and well built on the market today. They are fully compatible with other brands of swimming timing systems, and make an excellent replacement, if your existing touch pads have seen better days.

Please call our timing experts to configure a complete timing system for your pool.

***For expanded product information and additional sport specific configurations, please visit [www.reliableracing.com](http://www.reliableracing.com)***

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