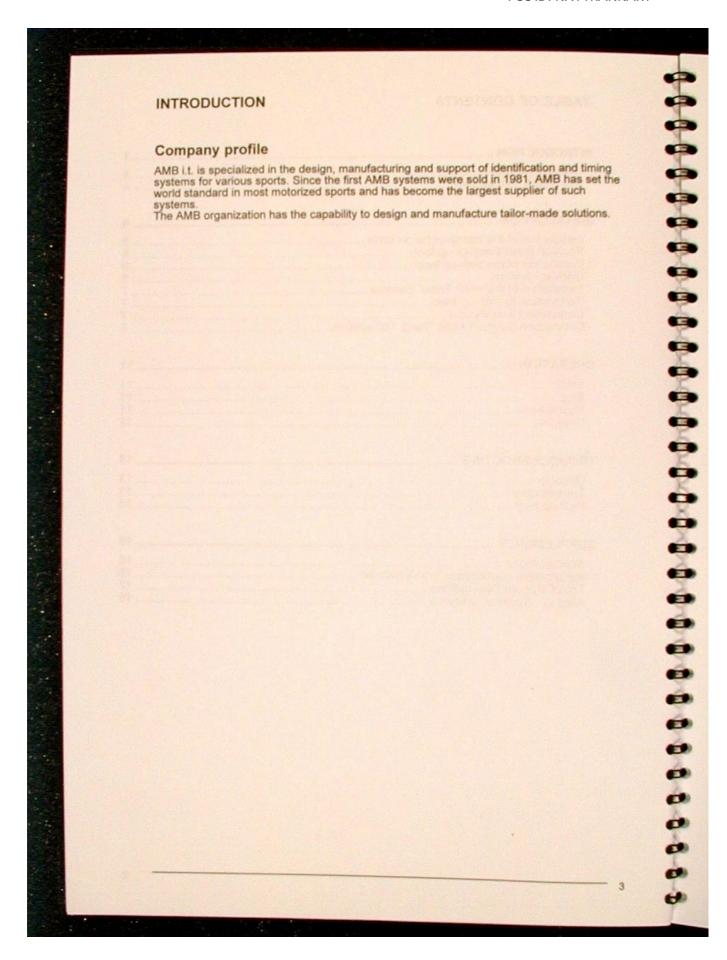
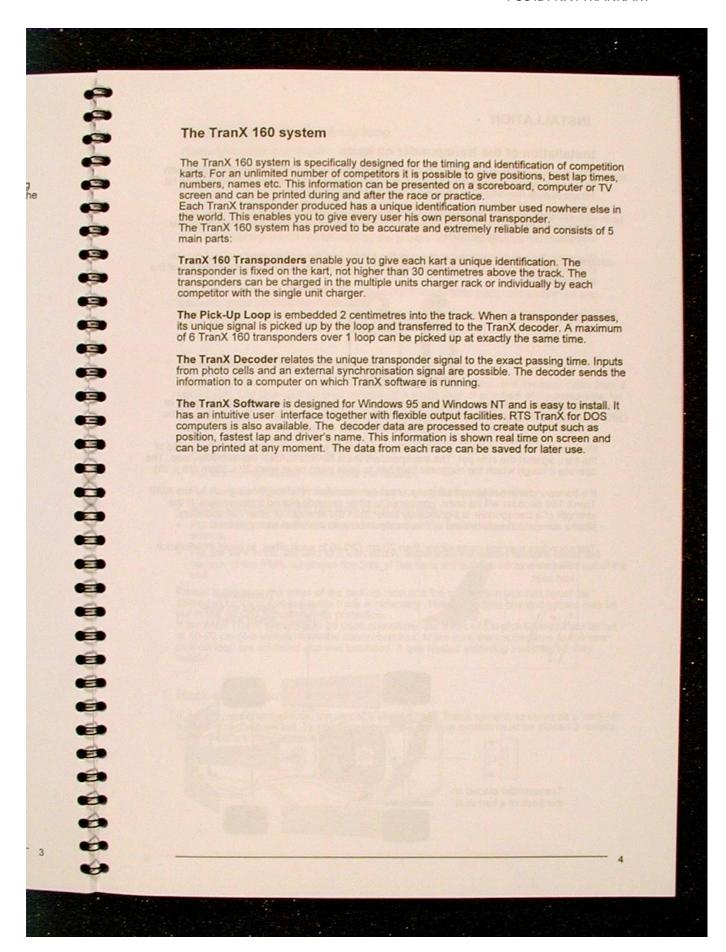
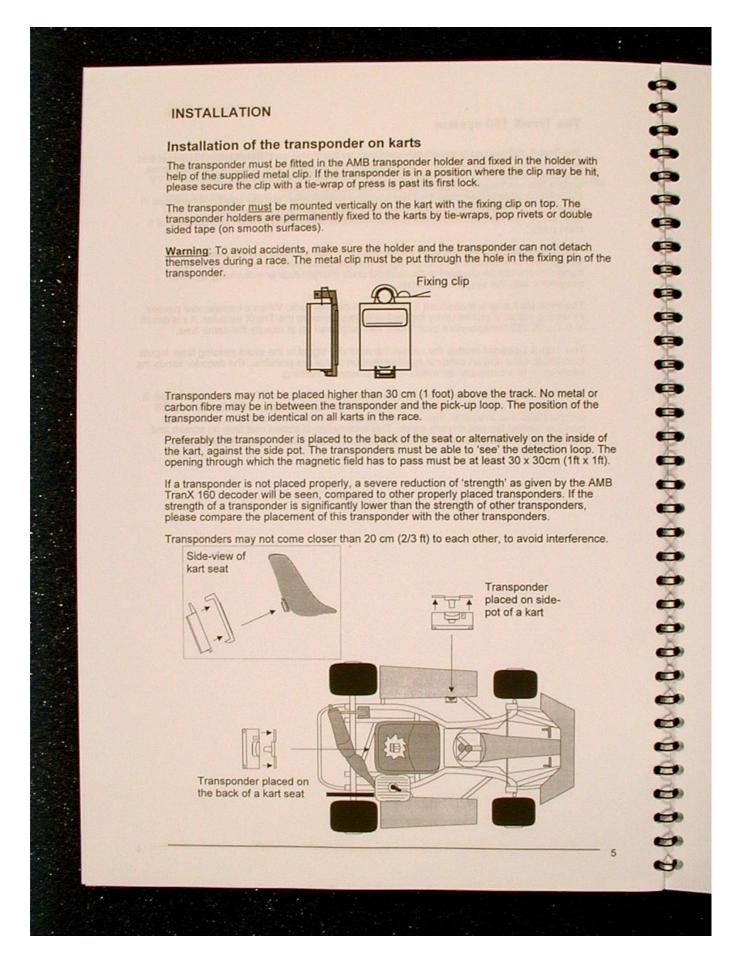
## **EXHIBIT 4 MANUAL**

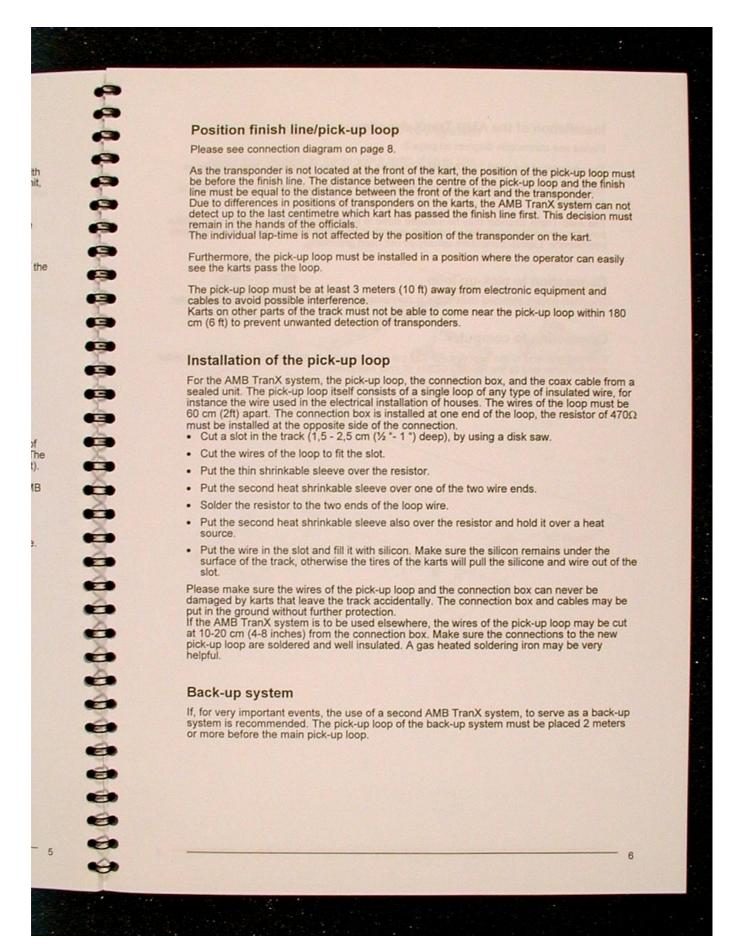
<u>Contents</u> Manual

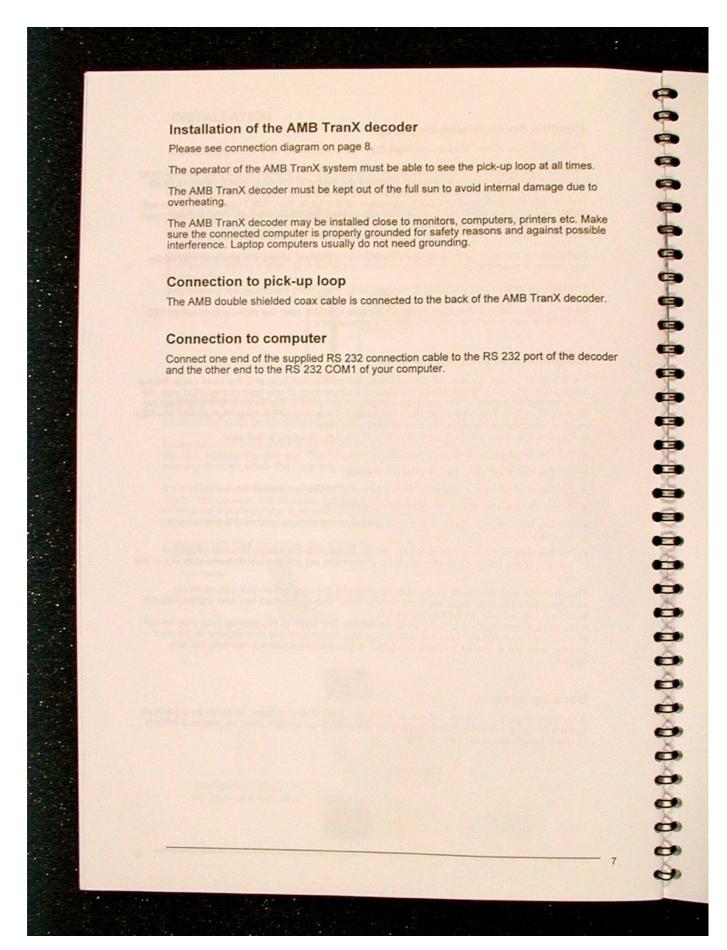
INSTALLATION  Installation of the transponder on karts. Position finish line/pick-up loop Installation of the pick-up loop Back-up system Installation of the AMB TranX decoder Connection to pick-up loop Connection to computer. Connection diagram AMB TranX 160 system  OPERATION  Start Stop Interference Charging  TROUBLE SHOOTING  Decoder Transponder Pick-up loop  SUPPLEMENTS Specifications Input/output connections TranX decoder TranX Record Descriptions
Company profile The TranX 160 system  INSTALLATION Installation of the transponder on karts. Position finish line/pick-up loop. Installation of the pick-up loop Back-up system Installation of the AMB TranX decoder. Connection to pick-up loop. Connection to computer. Connection diagram AMB TranX 160 system.  OPERATION  Start Stop. Interference Charging  TROUBLE SHOOTING  Decoder Transponder Pick-up loop.  SUPPLEMENTS Specifications Input/output connections TranX decoder. TranX Record Descriptions
Installation of the pick-up loop Back-up system Installation of the AMB TranX decoder Connection to pick-up loop Connection to computer Connection diagram AMB TranX 160 system  OPERATION  Start Stop Interference Charging  TROUBLE SHOOTING  Decoder Transponder Pick-up loop  SUPPLEMENTS  Specifications Input/output connections TranX decoder TranX Record Descriptions
Installation of the transponder on karts. Position finish line/pick-up loop Installation of the pick-up loop Back-up system Installation of the AMB TranX decoder Connection to pick-up loop Connection to computer Connection diagram AMB TranX 160 system  OPERATION Start Stop Interference Charging  TROUBLE SHOOTING Decoder Transponder Pick-up loop  SUPPLEMENTS Specifications Input/output connections TranX decoder TranX Record Descriptions AMB i.t.: Systems overview
Installation of the pick-up loop Back-up system Installation of the AMB TranX decoder Connection to pick-up loop Connection to computer Connection diagram AMB TranX 160 system  OPERATION  Start Stop Interference Charging  TROUBLE SHOOTING  Decoder Transponder Pick-up loop  SUPPLEMENTS  Specifications Input/output connections TranX decoder TranX Record Descriptions
Installation of the AMB TranX decoder Connection to pick-up loop Connection to computer Connection diagram AMB TranX 160 system.  OPERATION  Start Stop Interference Charging  TROUBLE SHOOTING  Decoder Transponder Pick-up loop  SUPPLEMENTS Specifications Input/output connections TranX decoder TranX Record Descriptions
Connection to pick-up loop Connection to computer. Connection diagram AMB TranX 160 system.  OPERATION  Start Stop Interference Charging  TROUBLE SHOOTING  Decoder Transponder Pick-up loop  SUPPLEMENTS Specifications Input/output connections TranX decoder TranX Record Descriptions
Connection to computer Connection diagram AMB TranX 160 system  OPERATION  Start Stop Interference Charging  TROUBLE SHOOTING  Decoder Transponder Pick-up loop  SUPPLEMENTS Specifications Input/output connections TranX decoder TranX Record Descriptions
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Stop Interference. Charging  TROUBLE SHOOTING.  Decoder Transponder. Pick-up loop.  SUPPLEMENTS. Specifications. Input/output connections TranX decoder. TranX Record Descriptions.
TROUBLE SHOOTING  Decoder Transponder Pick-up loop  SUPPLEMENTS Specifications Input/output connections TranX decoder TranX Record Descriptions
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Transponder Pick-up loop  SUPPLEMENTS  Specifications Input/output connections TranX decoder TranX Record Descriptions
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Input/output connections TranX decoder
AMB i.t.: Systems overview

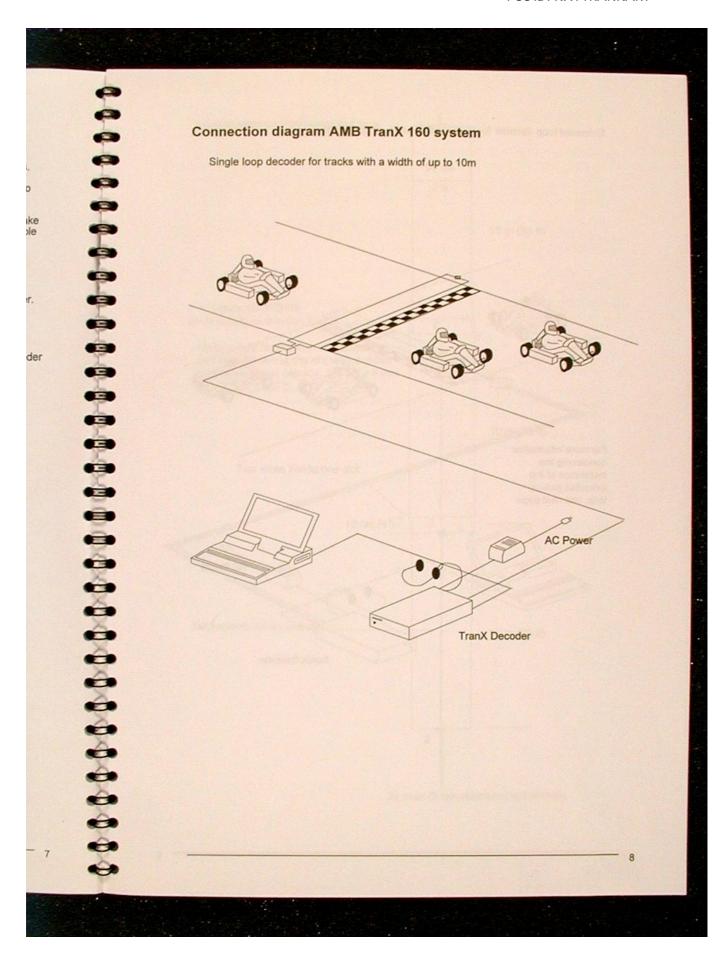


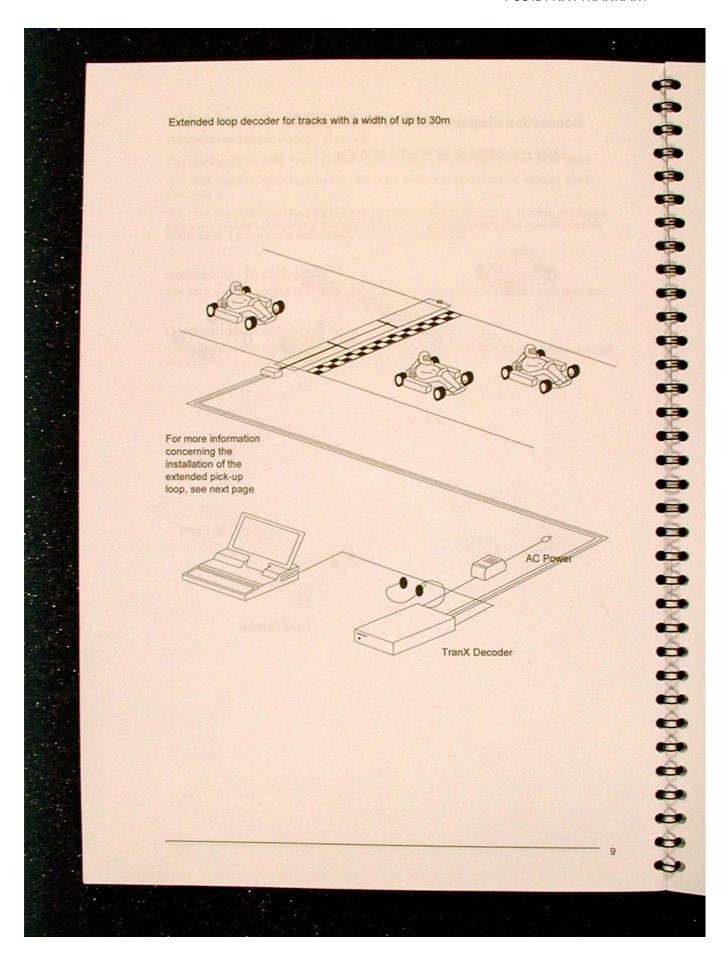


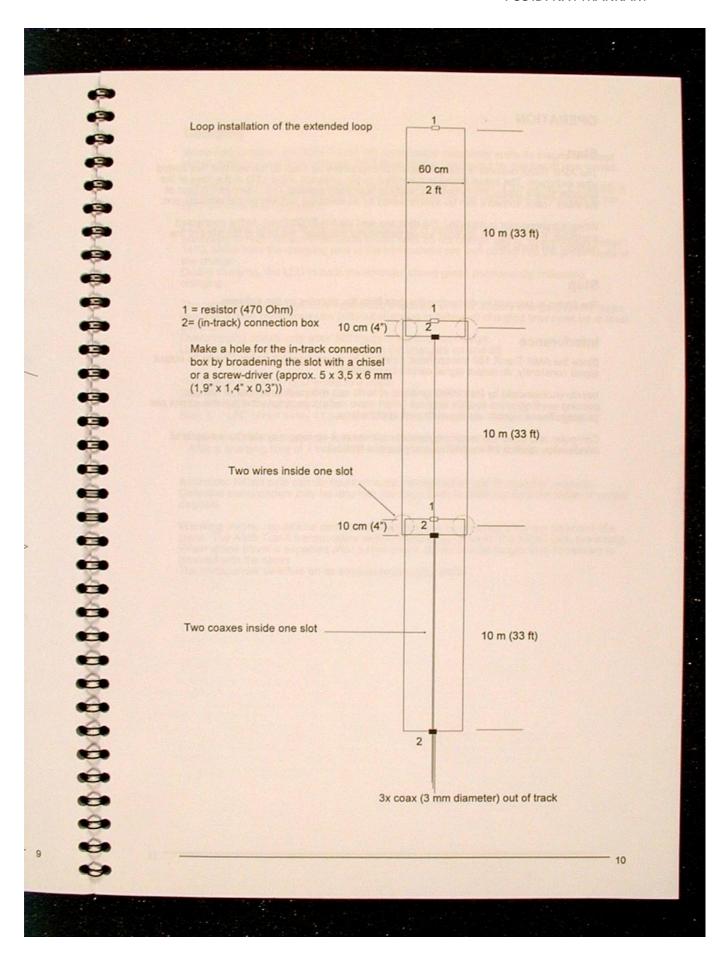


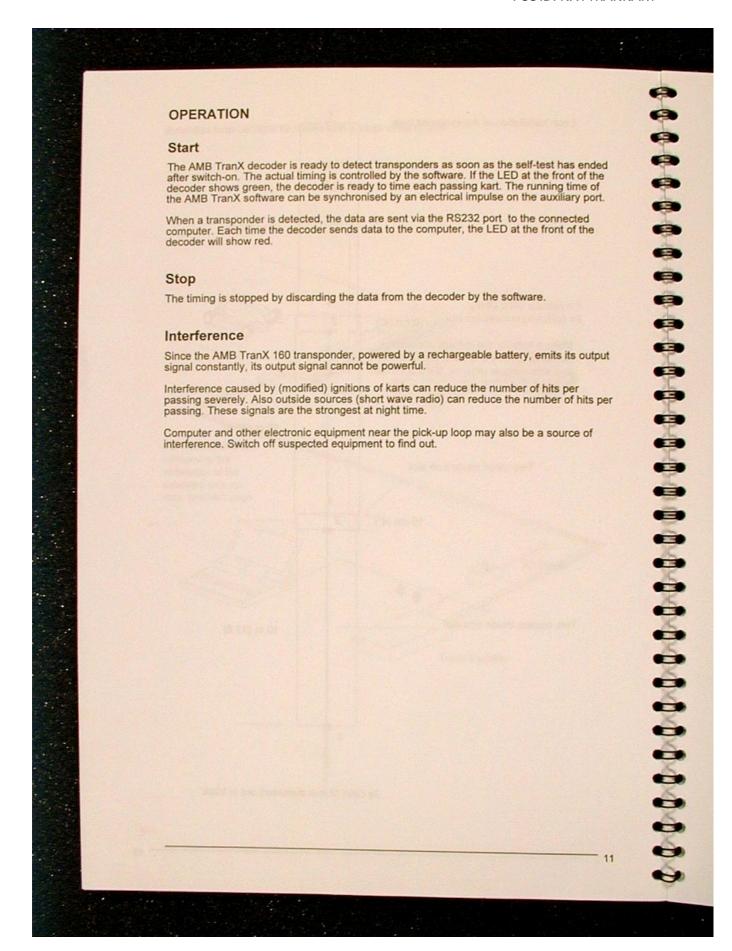


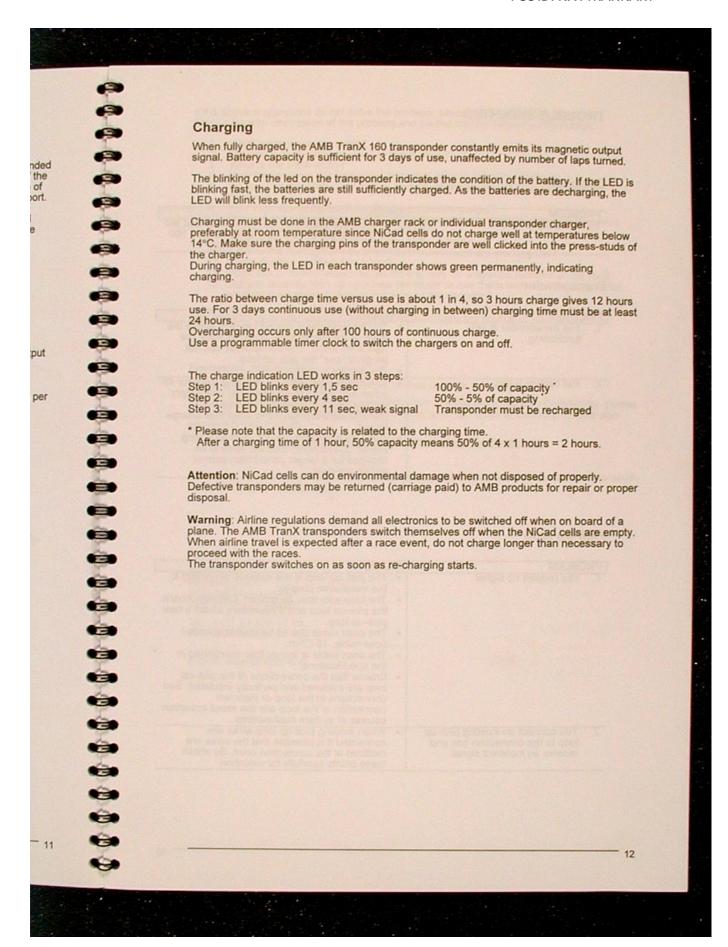




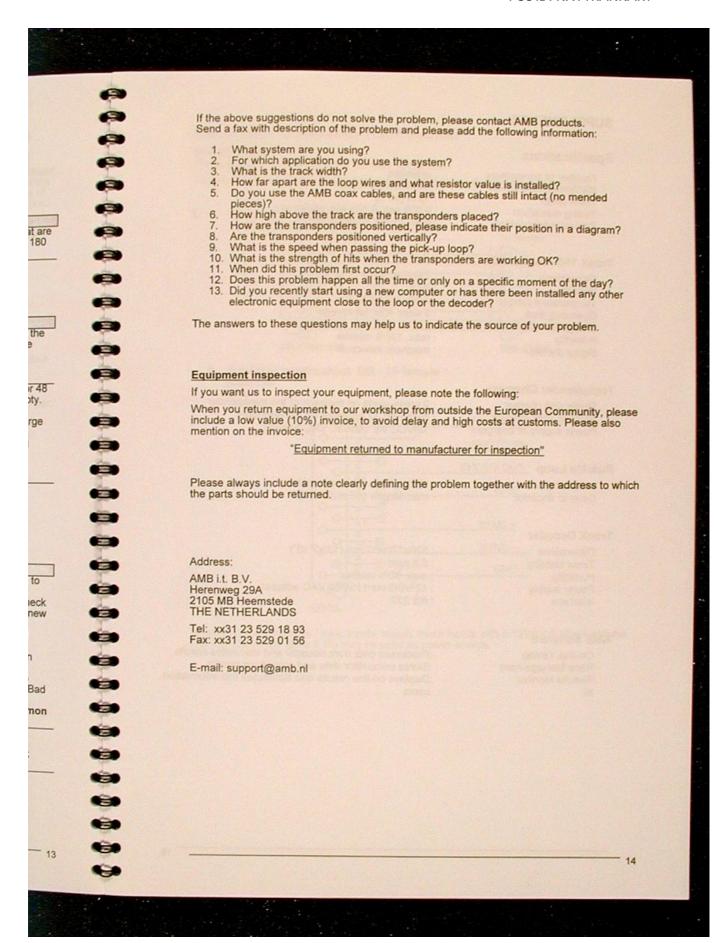


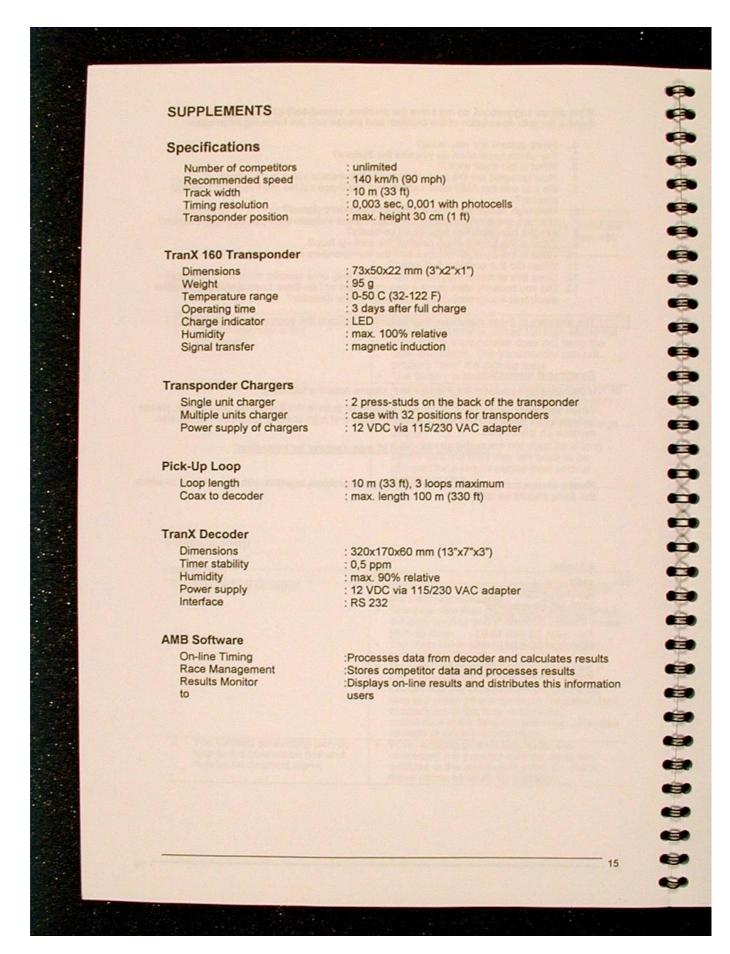


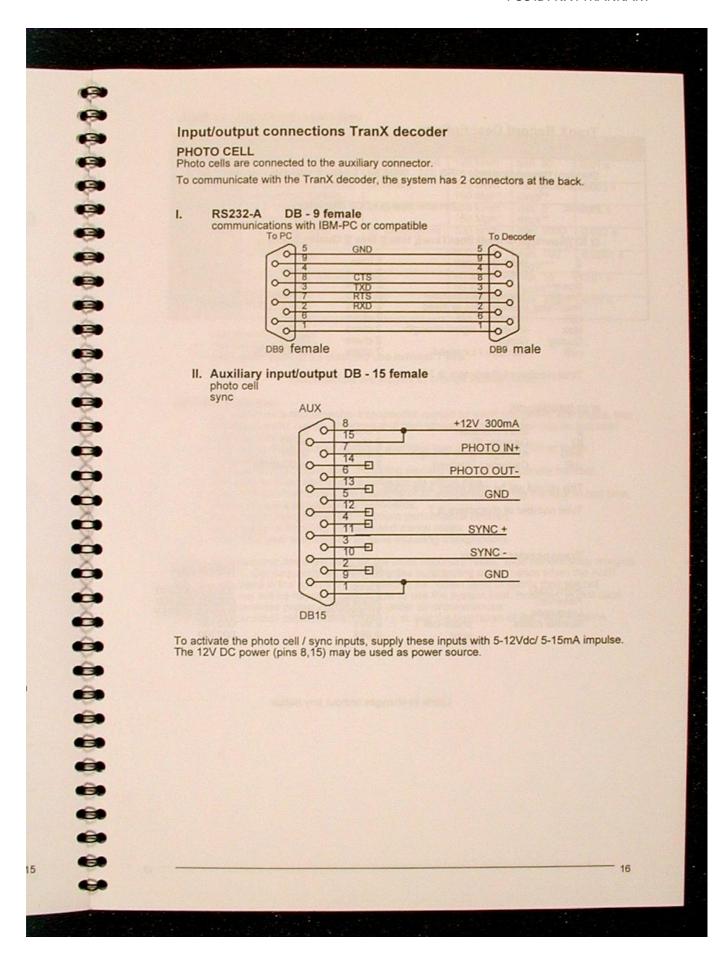


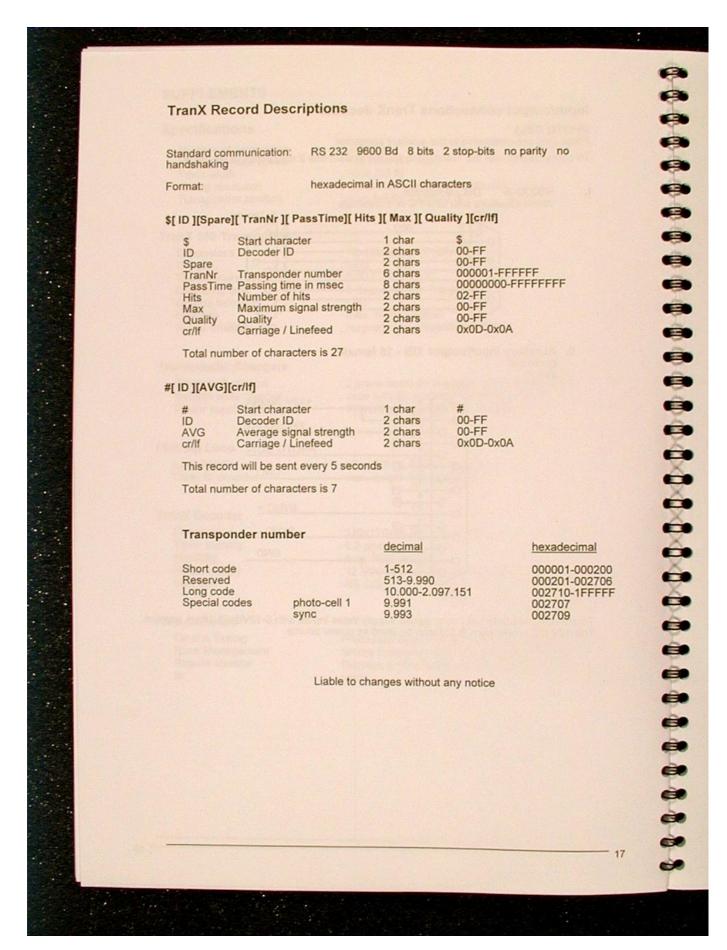


Decoder	
Decodei	
PROBLEM  1. False input.	The transponders that are not used or that on another part of the track are less than 10 cm (6 ft) away from the pick-up loop.
Transponder	
PROBLEM	CAUSE
The transponder is not functioning.	The transponder is placed too high above to track or the transponder does not have the right orientation. The transponder can not properly "see" the pick-up loop. The battery is low.
2. The battery is low.	Exercise the batteries by charging them for hours and letting them discharge until empt Repeat this 2 or 3 times. This way the
The control of the second or an experience of the control of the c	transponders are trained to keep their char- longer.  If the transponders are not used for a long period (2/3 months) they will have to be charged for a longer period than normal before the race.
Pick-up loop PROBLEM 1. You receive no signal.	transponders are trained to keep their charglonger.  • If the transponders are not used for a long period (2/3 months) they will have to be charged for a longer period than normal before the race.  CAUSE
	transponders are trained to keep their charglonger.  If the transponders are not used for a long period (2/3 months) they will have to be charged for a longer period than normal before the race.  CAUSE  The pick-up loop is not installed according to the installation chapter.  The loop-wire may be broken. Carefully che the pick-up loop and if necessary install a nepick-up loop.  The coax cable should be double shielded coax cable, 75 Ohm.
PROBLEM	transponders are trained to keep their charglonger.  If the transponders are not used for a long period (2/3 months) they will have to be charged for a longer period than normal before the race.  CAUSE  The pick-up loop is not installed according to the installation chapter.  The loop-wire may be broken. Carefully che the pick-up loop and if necessary install a nipick-up loop.  The coax cable should be double shielded coax cable, 75 Ohm.  The coax cable is longer than mentioned in the specifications.  Ensure that the connections of the pick-up loop are soldered and perfectly insulated. Beconnections in the loop or incorrect connection of the loop are the most committees of system malfunctions.









AMB 20 RC model cars, entertainment karting to 20 75 Mph min. 30 0,01 s competition karting competition karting to 20 180 km/h min. 3 0,003 s days**  TranX 260 Club racing, motorcross unlimited 150 km/h min. 3 0,002 s motor racing to 160 motor racing motor racing to 160 motor racing to 160 solometrial process.  AMB 9200 High speed cars, motor racing to 160 solometrial process.  AMB Special racing 80 expandable 500 km/h min. 5000 laps***  PegaSys Horse racing, trotting 500 80 km/h min. 100 days***  AMB 300 Bicycles 300 100 km/h min. 15 hours* 0,01 s hours* of 400 km/h min. 15 hours* 0,01 s hours* of 400 km/h min. 3000 laps***  * recommended speed ** rechargeable battery ** permanent battery, for standard use minimal 1 year specifications are subject to change without notice.  AII AMB systems:  ⇒ are based on a rechargeable transponder carried by each competitor in the race, the withstand water, heavy vibrations and high temperatures, and the can be mounted and removed easily, ⇒ have highly sophisticated software available free of charge (for 286 or faster computers), ⇒ produce RS232 output data, indicating passing time and transponder number, ⇒ can communicate with existing software via ASCII files, ⇒ have software that shows the positions of all competitors during the race in real time ⇒ have software that supports scoreboards, ⇒ have a wide margin over the minimum performance needed, ⇒ are capable of handling 24 hours endurance races, ⇒ have a full year warranty on all parts including transponders,	AMB 20 RC model cars, entertainment karting to 20 75 Mph hours**  TranX 160 Entertainment karting, competition karting, competition karting, competition karting and to 20 160 km/h min. 3 days**  TranX 260 Club racing, motor racing with to 180 myh days**  AMB 9200 High speed cars, motor racing to 180 expandable to 180 Mph days**  AMB Special For a spe	AMB 20	Sport	Competitors max. in a race	Max. Speed	Battery	Resolution
Tranx 160	Tranx 160 Entertainment karting, competition karting competition karting 100 Mph* days**  Tranx 260 Club racing, motorcross 150 Mph* days**  AMB 9200 High speed cars, motor racing 150 Mph 15			10 expandable	120 km/h		0,01 s
Tranx 260 Club racing, motorcross  AMB 9200 High speed cars, motor racing to 160 Special racing	Tranx 260 Club racing, motorcross  AMB 9200 High speed cars, motor racing to 160 Special Special PegaSys Horse racing, trotting Special PegaSys Horse racing, trotting Special Special Special Robbert Special Special Robbert Special Robbert Special Robbert Special Special Robbert Special	TranX 160	Entertainment karting,		160 km/h	min. 3	0,003 s
AMB 9200 High speed cars, motor racing to 160 Special racing by 160 Special racing special racin	AMB 9200 High speed cars, motor racing to 160 solo km/h min. 5000 (laps****  AMB Special racing 60 500 km/h min. 100 (laps****  PegaSys Horse racing, trotting 500 80 km/h min. 100 (laps*****  AMB 300 Bicycles 300 100 km/h min. 15 (laps****  * recommended speed ** rechargeable battery *** permanent battery, for standard use minimal 1 year specifications are subject to change without notice.  AII AMB systems:  ⇒ are based on a rechargeable transponder carried by each competitor in the withstand water, heavy vibrations and high temperatures, and the can be mand removed easily, ⇒ have highly sophisticated software available free of charge (for 286 or faste computers), ⇒ produce RS232 output data, indicating passing time and transponder numb ⇒ can communicate with existing software via ASCII files, ⇒ have software that shows the positions of all competitors during the race in ⇒ have a wide margin over the minimum performance needed, ⇒ are capable of handling 24 hours endurance races, ⇒ have a full year warranty on all parts including transponders,  As the AMB systems are often used for the most important races, wide performance necessary. Consequently we can guarantee outstanding performance when the systems are used in the sport they are intended for. When used in sports they are intended for, we will be happy to advise how to use the system best, however, in the we cannot guarantee proper performance under all circumstances.	TranX 260	Club racing,	unlimited	100 Mph* 250 km/h	The state of the s	
AMB Special PegaSys Horse racing, trotting 500 80 km/h min. 100 0,0001 s 300 Mph days***  PegaSys Horse racing, trotting 500 80 km/h min. 150 0,01 s 50 Mph hours**  AMB 300 Bicycles 300 100 km/h min. 3000 0,01 s 60 Mph laps***  * recommended speed rechargeable battery permanent battery, for standard use minimal 1 year specifications are subject to change without notice.  All AMB systems:  ⇒ are based on a rechargeable transponder carried by each competitor in the race, that withstand water, heavy vibrations and high temperatures, and the can be mounted and removed easily, ⇒ have highly sophisticated software available free of charge (for 286 or faster computers), ⇒ produce RS232 output data, indicating passing time and transponder number, ⇒ can communicate with existing software via ASCII files, ⇒ have software that shows the positions of all competitors during the race in real time, ⇒ have a wide margin over the minimum performance needed, ⇒ are capable of handling 24 hours endurance races, ⇒ have a full year warranty on all parts including transponders,  As the AMB systems are often used for the most important races, wide performance margin are necessary. Consequently we can guarantee outstanding performance when the AMB systems are used in the sport they are intended for. When used in sports they are not intended for, we will be happy to advise how to use the system best, however, in that case we cannot guarantee proper performance under all circumstances.	AMB Special racing 60 500 km/h min. 100 days***  PegaSys Horse racing, trotting 500 80 km/h hours**  AMB 300 Bicycles 300 100 km/h hours**  * recommended speed rechargeable battery ** permanent battery, for standard use minimal 1 year specifications are subject to change without notice.  AII AMB systems:  ⇒ are based on a rechargeable transponder carried by each competitor in the withstand water, heavy vibrations and high temperatures, and the can be mand removed easily, ⇒ have highly sophisticated software available free of charge (for 286 or faste computers), ⇒ produce RS232 output data, indicating passing time and transponder numb ⇒ can communicate with existing software via ASCII files, ⇒ have software that shows the positions of all competitors during the race in ⇒ have software that supports scoreboards, ⇒ have a wide margin over the minimum performance needed, ⇒ are capable of handling 24 hours endurance races, ⇒ have a full year warranty on all parts including transponders,  As the AMB systems are often used for the most important races, wide performance neededs in the sport they are intended for. When used in sports they are intended for, we will be happy to advise how to use the system best, however, in the we cannot quarantee proper performance under all circumstances.	AMB 9200		80 expandable	150 Mph*	days**	
PegaSys Horse racing, trotting 500 80 km/h min. 15 hours**  AMB 300 Bicycles 300 100 km/h min. 3000 0,01 s hours**  * recommended speed ** rechargeable battery *** permanent battery, for standard use minimal 1 year **  * specifications are subject to change without notice.  All AMB systems:  ⇒ are based on a rechargeable transponder carried by each competitor in the race, that withstand water, heavy vibrations and high temperatures, and the can be mounted and removed easily, **  ⇒ have highly sophisticated software available free of charge (for 286 or faster computers), **  ⇒ produce RS232 output data, indicating passing time and transponder number, **  ⇒ can communicate with existing software via ASCII files, **  ⇒ have software that shows the positions of all competitors during the race in real time, **  ⇒ have a wide margin over the minimum performance needed, **  ⇒ are capable of handling 24 hours endurance races, **  ⇒ have a full year warranty on all parts including transponders,  As the AMB systems are often used for the most important races, wide performance marginare necessary. Consequently we can guarantee outstanding performance when the AMB systems are used in the sport they are intended for. When used in sports they are not intended for, we will be happy to advise how to use the system best, however, in that case we cannot guarantee proper performance under all circumstances.	PegaSys Horse racing, trotting 500 80 km/h hours**  AMB 300 Bicycles 300 100 km/h hours**  * recommended speed rechargeable battery permanent battery, for standard use minimal 1 year specifications are subject to change without notice.  AII AMB systems:  ⇒ are based on a rechargeable transponder carried by each competitor in the withstand water, heavy vibrations and high temperatures, and the can be mand removed easily, have highly sophisticated software available free of charge (for 286 or faste computers), produce RS232 output data, indicating passing time and transponder numb can communicate with existing software via ASCII files, have software that supports scoreboards, have a wide margin over the minimum performance needed, are capable of handling 24 hours endurance races, have a full year warranty on all parts including transponders,  As the AMB systems are often used for the most important races, wide performance necessary. Consequently we can guarantee outstanding performance when the systems are used in the sport they are intended for, we will be happy to advise how to use the system best, however, in the we cannot guarantee proper performance under all circumstances.	AMB	motor racing	to 160	300 Mph	laps***	The second second
* recommended speed ** rechargeable battery *** permanent battery, for standard use minimal 1 year  * specifications are subject to change without notice.  * All AMB systems:  * are based on a rechargeable transponder carried by each competitor in the race, that withstand water, heavy vibrations and high temperatures, and the can be mounted and removed easily,  * have highly sophisticated software available free of charge (for 286 or faster computers),  * produce RS232 output data, indicating passing time and transponder number,  * can communicate with existing software via ASCII files,  * have software that shows the positions of all competitors during the race in real time,  * have a wide margin over the minimum performance needed,  * are capable of handling 24 hours endurance races,  * have a full year warranty on all parts including transponders,  As the AMB systems are often used for the most important races, wide performance marginare necessary. Consequently we can guarantee outstanding performance when the AMB systems are used in the sport they are intended for. When used in sports they are not intended for, we will be happy to advise how to use the system best, however, in that case we cannot guarantee proper performance under all circumstances.	* recommended speed ** rechargeable battery **** permanent battery, for standard use minimal 1 year  * specifications are subject to change without notice.  **All AMB systems:  * are based on a rechargeable transponder carried by each competitor in the withstand water, heavy vibrations and high temperatures, and the can be mand removed easily,  * have highly sophisticated software available free of charge (for 286 or faste computers),  * produce RS232 output data, indicating passing time and transponder numb  * can communicate with existing software via ASCII files,  * have software that shows the positions of all competitors during the race in  * have software that supports scoreboards,  * are capable of handling 24 hours endurance races,  * have a full year warranty on all parts including transponders,  As the AMB systems are often used for the most important races, wide performance are necessary. Consequently we can guarantee outstanding performance when the systems are used in the sport they are intended for. When used in sports they are intended for, we will be happy to advise how to use the system best, however, in the we cannot guarantee proper performance under all circumstances.	Special			300 Mph		0,0001 s
* recommended speed ** rechargeable battery **** permanent battery, for standard use minimal 1 year  * specifications are subject to change without notice.  * All AMB systems:  * are based on a rechargeable transponder carried by each competitor in the race, that withstand water, heavy vibrations and high temperatures, and the can be mounted and removed easily,  * have highly sophisticated software available free of charge (for 286 or faster computers),  * produce RS232 output data, indicating passing time and transponder number,  * can communicate with existing software via ASCII files,  * have software that shows the positions of all competitors during the race in real time,  * have a wide margin over the minimum performance needed,  * are capable of handling 24 hours endurance races,  * have a full year warranty on all parts including transponders,  As the AMB systems are often used for the most important races, wide performance margin are necessary. Consequently we can guarantee outstanding performance when the AMB systems are used in the sport they are intended for. When used in sports they are not intended for, we will be happy to advise how to use the system best, however, in that case we cannot guarantee proper performance under all circumstances.	* recommended speed ** rechargeable battery **** permanent battery, for standard use minimal 1 year  * specifications are subject to change without notice.  * All AMB systems:  * are based on a rechargeable transponder carried by each competitor in the withstand water, heavy vibrations and high temperatures, and the can be mand removed easily,  * have highly sophisticated software available free of charge (for 286 or faste computers),  * produce RS232 output data, indicating passing time and transponder numb  * can communicate with existing software via ASCII files,  * have software that shows the positions of all competitors during the race in  * have a wide margin over the minimum performance needed,  * are capable of handling 24 hours endurance races,  * have a full year warranty on all parts including transponders,  As the AMB systems are often used for the most important races, wide performance are necessary. Consequently we can guarantee outstanding performance when the systems are used in the sport they are intended for. When used in sports they are intended for, we will be happy to advise how to use the system best, however, in the we cannot guarantee proper performance under all circumstances.	PegaSys	Horse racing, trotting	500			0,01 s
* recommended speed ** rechargeable battery *** permanent battery, for standard use minimal 1 year  ** specifications are subject to change without notice.  **AII AMB systems:  ** are based on a rechargeable transponder carried by each competitor in the race, that withstand water, heavy vibrations and high temperatures, and the can be mounted and removed easily,  ** have highly sophisticated software available free of charge (for 286 or faster computers),  ** produce RS232 output data, indicating passing time and transponder number,  ** can communicate with existing software via ASCII files,  ** have software that shows the positions of all competitors during the race in real time,  ** have a wide margin over the minimum performance needed,  ** are capable of handling 24 hours endurance races,  ** have a full year warranty on all parts including transponders,  ** As the AMB systems are often used for the most important races, wide performance margin are necessary. Consequently we can guarantee outstanding performance when the AMB systems are used in the sport they are intended for. When used in sports they are not intended for, we will be happy to advise how to use the system best, however, in that case we cannot guarantee proper performance under all circumstances.	* recommended speed ** rechargeable battery *** permanent battery, for standard use minimal 1 year  ** specifications are subject to change without notice.  **AII AMB systems:  ** are based on a rechargeable transponder carried by each competitor in the withstand water, heavy vibrations and high temperatures, and the can be mand removed easily,  ** have highly sophisticated software available free of charge (for 286 or faste computers),  ** produce RS232 output data, indicating passing time and transponder numb can communicate with existing software via ASCII files,  ** have software that shows the positions of all competitors during the race in have software that supports scoreboards,  ** have a wide margin over the minimum performance needed,  ** are capable of handling 24 hours endurance races,  ** have a full year warranty on all parts including transponders,  ** As the AMB systems are often used for the most important races, wide performance are necessary. Consequently we can guarantee outstanding performance when the systems are used in the sport they are intended for. When used in sports they are intended for, we will be happy to advise how to use the system best, however, in the we cannot guarantee proper performance under all circumstances.	AMB 300	Bicycles	300	100 km/h	min. 3000	0,01 s
		⇒ have a ⇒ are ca ⇒ have a  As the AMB s are necessary systems are u intended for, we cannot gue	wide margin over the management public of handling 24 hour full year warranty on all ystems are often used for Consequently we can used in the sport they are we will be happy to advis arantee proper performs	ninimum performa urs endurance rac I parts including to or the most impor guarantee outsta e intended for. Wi se how to use the ance under all circ	tant races, wanding performen used in system best umstances.	ride performa nance when s ports they ar , however, in	the AMB e not that case