

CONFIGURABLE DASH-LOGGER & DISPLAY PRICE LIST. ISS 1 DECEMBER 2005

ORDERING INFORMATION

CONFIGURABLE DASH-LOGGERS

- ST8802SP 9 Input/20 Channel Dash-Logger "Plus"
 ST8802S 9 Input/20 Channel Dash-Logger
 ST8852SP 9 Input/20 Channel SlimLine Dash-Logger "Plus"
 ST8851S 9 Input/4 Channel SlimLine Dash-Logger

FIXED CONFIGURATION DASH-LOGGERS

- ST8102SP 8 Channel Driver "Plus" Dash-Logger
 ST8102S 8 Channel Driver Dash-Logger

CONFIGURABLE DISPLAY SYSTEMS

- ST8800M 9 Channel Configurable Dash-Display System"Max"
 ST8800 9 Channel Configurable Dash-Display System

OPTIONS FOR CONFIGURABLE SYSTEMS

- ST8891 8 Input Expansion for ST8802/ST8851/ST8852
 ST8999-PIN "Plus"/"Max" Upgrade for ST8800/ST8802/ST8951
 ST89XX-PIN Upgrade ST8800/M to 20 Channel Recording
 ST89XX-PIN Upgrade 4 Channel to 20 Channel Recording

SENSORS FOR 0-5V & UNIVERSAL INPUTS

- ST747-M10 0-10Bar Fluid Pressure Sensor (M10)
 ST747-1/8NPTF 0-10Bar Fluid Pressure Sensor (1/8NPTF)
 ST747-1/8BSP 0-10Bar Fluid Pressure Sensor (1/8BSP)
 ST749 0-100Bar Brake Pressure Sensor (Dash-3)
 ST740 0-3.5Bar Boost Pressure Sensor (1/8NPTF)
 ST990 Air Temp Sensor (M10x1)
 ST991 150C/300F Fluid Temp Sensor (M6, M10, 1/8NPTF)
 ST791 +/- 5g Accelerometer
 ST970 Rotary Potentiometer 105deg (eg Throttle)
 ST973 100mm/4" Linear Potentiometer
 ST974 200mm/8" Linear Potentiometer
 ST975 250mm/10" String Potentiometer
 ST976 500mm/20" String Potentiometer
 ST978 Rotary Potentiometer 340deg (eg Steering)
 ST979 Rotary Pedal Angle Sensor with Arm 110deg

SENSORS FOR PULSE & UNIVERSAL INPUTS

- ST670 Proximity Speed Sensor
 ST492 Pulse Amplifier
 ST453 0-3.5Bar Boost Pressure Sensor (DSP output)
 ST791/483 +/- 5g Accelerometer (DSP output)

SENSORS FOR UNIVERSAL INPUTS ONLY

- ST663 -100C to 200C Thermocouple (DSP) Interface
 ST664 200C to 1200C Thermocouple (DSP) Interface
 ST766 Thermocouple Probe (for ST663/ST664)
 ST767 Rubbing Thermocouple (for ST663/ST664)
 ST762 150C/300F Fluid Temperature Sensor (M10x1)
 ST764 150C/300F Fluid Temperature Sensor (1/8NPTF)
 ST741 2Bar/30PSI Fluid Pressure Sensor (M10x1)
 ST742 2Bar/30PSI Fluid Pressure Sensor (1/8NPTF)
 ST744 10Bar/150PSI Fluid Pressure Sensor (M10x1)
 ST745 10Bar/150PSI Fluid Pressure Sensor (1/8NPTF)
 ST672 50mm/2" Linear Potentiometer (DSP Interface)
 ST673 100mm/4" Linear Potentiometer (DSP Interface)
 ST674 200mm/8" Linear Potentiometer (DSP Interface)
 ST975/983 250mm/10" String Potentiometer (DSP Interface)

OTHER ACCESSORIES

- ST539 5-Stage Sequential Shift Light
 ST543 Infra-Red Lap Timing In-Car Receiver
 ST544 Infra-Red Lap Timing Track-side Transmitter
 ST546 Infra-Red Lap Timing System
 ST154003 Sensor Adaptor 1/8NPTF to M10x1
 ST154012 Sensor Adaptor M6x1 to M10x1
 ST154013 Sensor Adaptor M6x1 to 1/8NPTF
 ST154015 Sensor Adaptor 1/8BSP to M10x1
 ST154016 Sensor Adaptor 1/8BSP to 1/8NPTF

FEATURES AND SPECIFICATION

Key: ✓ is a standard item Option ¹ requires ST8891 Option ² requires ST539	DASH-LOGGERS				DISPLAYS
	SLIMLINE		INTEGRATED DIAL		WITH DIAL
	ST8852SP	ST8851S	ST8802SP	ST8102SP	ST8800M
		ST8802S	ST8102S	ST8800	
SYSTEM INPUTS					
Pre-configured Sensor Inputs	1 (RPM)	1 (RPM)	1 (RPM)	6+RPM	1 (RPM)
Freq. (< 1kHz) - configurable	2	2	2	-	2
0-5 Volt - configurable	5	5	5	-	5
Universal - configurable	(8) Option ¹	(8) Option ¹	(8) Option ¹	-	(8) Option ¹
Battery Voltage	✓	✓	✓	✓	✓
Lap Timing	✓	✓	✓	✓	✓
Control Switch Inputs & Outputs	4+5	4+5	3+2	4+2	3+2
SENSORS INCLUDED					
Wheel Speed	✓	✓	✓	✓	"M" Only
Infra-Red Lap Timing System	✓	✓	✓	✓	"M" Only
Lateral-G Accelerometer	✓	✓	✓	✓	
Water Temperature				✓	
Oil Temperature				✓	
Oil Pressure				✓	
Fuel Pressure				✓	
DISPLAY FEATURES					
Analogue Tachometer			✓	✓	✓
Multi-parameter LCD Display	✓	✓	✓	✓	✓
Backlighting	✓	✓	✓	✓	✓
Lap Time Readout	✓	✓	✓	✓	✓
Adjustable Alarms	✓	✓	✓	✓	✓
Peak Value Tell-Tales	✓	✓	✓	✓	✓
Shift Light	✓	✓	✓	✓	✓
5-Stage Sequential Shift Light	✓	✓	Option ²	Option ²	Option ²
Configurable Display Layout	✓	✓	✓	✓	✓
Configurable Alarms	✓	✓	✓	✓	✓
Predictive Lap Time Display	✓	ST8999-PIN	"SP" Only	"SP" Only	"M" Only
Performance Meter Display	✓	ST8999-PIN	"SP" Only	"SP" Only	"M" Only
Brake Bias & Alarm Readout	✓	ST8999-PIN	"SP" Only	"SP" Only	"M" Only
DATA LOGGING MEMORY					
No. of Recording Channels	20	4	20	9	-
Recording Memory	512K	512K	512K	512K	-
Record Frequency/Channel	1Hz-20Hz	1Hz-20Hz	1Hz-20Hz	Fixed	-
Max Recording Time	240 Mins	1200 Mins	240 Mins	150 Mins	-
DATAPRO SOFTWARE V3					
Segment, Lap & Run analysis	✓	✓	✓	✓	
Distance or time based charts	✓	✓	✓	✓	
Lap & Multiple-Lap overlays	✓	✓	✓	✓	
Infinite chart Zoom-in	✓	✓	✓	✓	
Align beacon across runs	✓	✓	✓	✓	
Edit/ Insert Lap Times	✓	✓	✓	✓	
Interactive Track Map selection	✓	✓	✓	✓	
Run & Lap Reports	✓	✓	✓	✓	
Statistical Reports	✓	✓	✓	✓	
Split-Time Reports	✓	✓	✓	✓	
Timeline analysis	✓	✓	✓	✓	
Braking & Acceleration Forces	✓	✓	✓	✓	
Multiple-channel Strips & charts	✓	✓	✓	✓	
Histograms & overlay/compare	✓	✓	✓	✓	
X-Y Plots & overlay/compare	✓	✓	✓	✓	
Rolling Lap Time analysis	✓	✓	✓	✓	
Driven Line analysis	✓	✓	✓	✓	
Data Archive & Restore	✓	✓	✓	✓	
Multicar Support	✓	✓	✓	✓	
Automatic Sensor Calibration	✓	✓	✓	✓	✓
Display Layout Manager	✓	✓	✓	✓	✓
User-Specified Channel Names	✓	✓	✓	✓	✓
Maths Channels	Ver 4	Ver 4	Ver 4	Ver 4	
Rainbow Maps with compare	Ver 4	Ver 4	Ver 4	Ver 4	
GPS-based Track Maps	Ver 4	Ver 4	Ver 4	Ver 4	

Prices Exclude UK VAT @ 17.5% and Post & Packing. Prices and specifications correct at time of going to press.

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