

Tel.: +49(0)721 94485-0 Fax.: +49(0)721 94485-29

SY-LaptimeKit-000

Laptime Kit standard

Function

The 2D Laptime Kit is designed to show RPM and laptime on three pages in different formats.

Scope of supply

> WL-RPMxLoom-000:

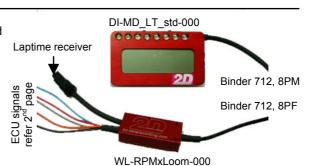
This loom gives the opportunity to pick-up the RPM signal directly from the ignition (for standard Ignitions e.g. superbikes, car, street bikes...)

- > SD-LR02C-000:
- Laptime receiver with fixed channel code
- SD-Kit_LT02-000: Laptime transmitter
- ► DI-MD01-000

Laptime display: 1 x Laptime, 2 x RPM on 3 pages

Note

The receiver should be mounted to a position where a good alignment to the transmitter is guaranteed. Avoid direct sunlight to the lens!







Laptime transmitter

Technical specifications

Electrical characteristics

Mechanical characteristics

Laptime transmitter			Laptime display		
Davis a superbo	.0.40	\	Housing material		_
Power supply	+816	v ac	Weight Dimensions		
Current consumption@12V	220	mA	Dimensions	70 X 40 X 17	mm
			Laptime transmitter		
Connectors (open wires)			Housing material	aluminium	
brown	+816	V	Weight	140	q
blue	GND		Dimensions		
Measure distance:			Laptime receiver		
minimum	1	m	_up		
maximum	20	m	Housing material	aluminium	
			Weight		q
Laptime display			Dimensions	42 x 20 x 10	
Devices events	.0.46	\	MI DDM vi com 000		
Power supply	+816	v ac	WL-RPM-xLoom-000	aluminium	
Current consumption@12V	00	mA	Housing material Weight		a
Current consumption@12v	90	IIIA	Dimensions	35 x 15 x 10	y mm
Measured channels:			Dimensional distribution of the state of the	00 X 10 X 10	
Laptime	1		Environmental		
RPM	2				
	_		Ambient operating range	-25+70	°C
RPM			3 - 3		
Input signal	7-40	V	Avoid direct sunlight to the lens!		
Input overload	±500	V	-		
Frequency range	10 to 550	Hz	Ordering information		
from serial n°99	10 to 800	Hz	Standard	SY-LaptimeK	it-000
			without laptime transmitter		
LED Bar: (2 green / 2yellow / 2	red)		without RPM	SY-LaptimeK	it-004

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2D Debus & Diebold Meßsysteme GmbH http://www.2D-datarecording.com http://www.2D-Kit-System.com mail@2D-datarecording.com

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SY-LaptimeKit-000

Laptime Kit standard

Color

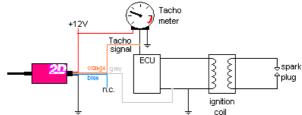
Red

Grey Orange

Black

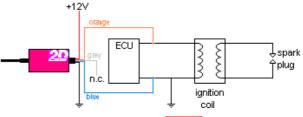
Connection advice Signal name / description Ground High voltage **Basic connection** +12V power Red wire is +12V, black wire is Ground Ground Low voltage RPM signal Ground Schema 1 Low -voltage Function a) Orange wire to the rpm-signal of the meter +12V tacho, or the ECU.

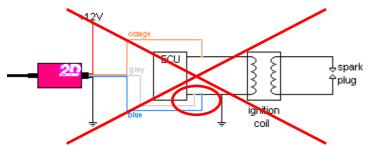
- Grey wire to ground
- Blue wire is not needed, cut and make a good isolation



Schema 2 High-Voltage Function

- Orange wire to ignition or ignition coil
- Connect only at the primary side (Lower Voltage)
- Blue wire to ground
- Grey wire is not needed, cut and make a good isolation







Never connect the

blue and the grey wire

at the same time!

CAN-line (MiniDash)							
MiniDash Display Binder 712, 8pin	Pin	Name	Description	Color (standard)			
	1	LAP	Laptrigger	white/violet			
	2	GND	Ground	black			
	3	On COM	Communication	white/yellow			
	4	Vext	Power IN (8-18V)	red			
	5	CAN H	CAN Bus High	grey			
	6	CAN L	CAN Bus Low	green			
	7	TxD	Serial Bus Transmit	white/grey			
	8	RxD/RPM	Serial Bus Receive	white/green			
Lantrigger							

Connector at display Mating plug

Binder 712, 8 PM (front side)

Binder 712, 8 PF (front side)

Laptime receiver WL-RPMxLoom-000

Laptrigger								
_	Pin	Name	Description	Color (standard)				
r 4pin								
aptrigge er 719 ,	1	GND	Ground	black				
	2	n.c.	n.c.	-				
	3	LAP	Laptrigger	white				
Bind	4	+12V	Power supply	red				
8								



Binder 719, 4 PM (front side)



Binder 719, 4 PF (front side)

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