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VDO CYCLECOMPUTING

A4

item code: 0100

cycling functions
- Current speed
- Trip counter
- Clock
- Total odometer

YEAR WARRANTY · WATER RESISTANT

further features
- Programmable odometer
- Sleep Mode (display shut-down)
- Auto Start/Stop
- Universal Twist-Click-Mounting for Handlebar & Stem
- Easy fi tting spoke magnet
- KM/MI selectable
- Data storage during battery replacement.

contents of packaging
Computer, Battery 3V 2032, Battery door, Universal mount with wire and sensor, rubber shim, magnet, cable ties

A4+

item code: 0101

cycling functions
- Current speed
- Trip counter
- Clock
- Total odometer

ANALOG PUNK · YEAR WARRANTY · WATER RESISTANT

further features
-Wireless, analogue
- Programmable odometer
- Sleep Mode (display shut-down)
- Auto Start/Stop
- Universal Twist-Click-Mounting for Handlebar & Stem
- Easy fi tting spoke magnet
- KM/MI selectable
- Data storage during battery replacement

contents of packaging:
Computer, analogue wireless transmitter, Battery 3V 2032, Battery 12 V, Battery door for computer and transmitter, Universal mount, rubber shim,magnet, cable ties

A8

item code: 0200

cycling functions
- Current speed
- Trip- counter
- Clock
- Total odometer
- Average speed
- Maximum speed
- Trip ride timer
- Comparison of current and average speed

YEAR WARRANTY · WATER RESISTANT

further features
- Wireless analogue
- Programmable odometer
- Sleep Mode (display shut-down)
- Auto Start / Stop
- KM/MI selectable
- Universal Twist-Click-Mounting for Handlebar & Stem
- Easy fi tting spoke magnet
- Data storage during battery replacement

contents of packaging
Computer, analogue wireless transmitter, Battery 3V 2032, Battery 12 V, Battery door for computer and transmitter, Universal mount, rubber shim, magnet, cable ties.

A8+

item code: **0201**

cycling functions
- Current speed
- Trip counter
- Clock
- Total odometer
- Average speed
- Maximum speed
- Trip ride timer
- Comparison of current and average speed

further features
- programmable odometer
- Sleep Mode (display shut-down)
- Auto Start/Stop
- KM/MI selectable
- universal Twist-Click-Mounting for Handlebar & Stem
- easy fi tting spoke magnet
- Data storage during battery replacement

contents of packaging
Computer, Battery 3V 2032, Battery door, Universal mount with wire and sensor, rubber shim, magnet, cable ties

C1

item code: **4101**

cycling functions
- Current speed
- Trip counter
- Trip ride timer
- Average speed
- Clock
- Total odometer
- Total odometer bike 1
- Total odometer bike 2
- Comparison of current and average speed
- 2 wheel sizes (bikes) selectable

further features
- Full text display in 7 (selectable) languages
- Easy-Menu-Structure EMC
- Service-Interval indicator
- Auto Start / Stop
- Sleep Mode (display shut-down)
- Programmable odometer
- Twist-Click mounting

contents of packaging
Computer, Battery 3V 2032, Battery door, mount with wire and sensor, rubber shim, magnet, cable ties

C2

item code: **4102**

cycling functions
- Current speed
- Trip counter
- Trip ride timer
- Average speed
- Maximum speed
- Manual stop watch
- Clock
- Total odometer
- Total odometer bike 1
- Total odometer bike 2
- Comparison of current and average speed
- 2 wheel sizes (bikes) selectable

further features
- Full text display in 7 (selectable) languages
- Easy-Menu-Structure EMC
- Service-Interval indicator
- Auto Start / Stop
- Sleep Mode (display shut-down)
- Stop watch indicator (flashes when stop watch is active)
- Programmable odometer
- Twist-Click mounting

contents of packaging
Computer, Battery 3V 2032, Battery door, mount with wire and sensor, rubber shim, magnet, cable ties

C2 DS

item code: **4112**

cycling functions
- Current speed
- Trip counter
- Trip ride timer
- Average speed
- Maximum speed
- Manual stop watch
- Clock
- Total odometer
- Total odometer bike 1
- Total odometer bike 2
- Comparison of current and average speed
- 2 wheel sizes (bikes) selectable

further features
- Full text display in 7 (selectable) languages
- Easy-Menu-Structure EMC
- Service-Interval indicator
- Auto Start / Stop
- Sleep Mode (display shut-down)
- Stop watch indicator (flashes when stop watch is active)
- Programmable odometer
- Twist-Click mounting

contents of packaging
Computer, Battery 3V 2032, Battery door, mount with wire and sensor, rubber shim, magnet, cable ties

HC12.6

item code: 2020

Wired speed-input | Analogue wireless HR

cycling functions
- Actual speed
- Trip counter
- Odometer WS 1
- Odometer WS 2
- Odometer total
- Ride timer
- Clock
- Average speed
- Maximum speed
- Comparison of actual speed and average speed
- NAVIGATOR second programmable trip counter
- 2 wheel sizes

heart-rate functions
- Actual heart rate
- HR stopwatch
- Average HR
- Maximum HR
- Time in training zone
- Time below training zone
- Time above training zone
- Beeper for heart rate limits
- High and low limit pre-settable
- Visible indication for heart rate transmission

further features
- Full text display in 7 (selectable) languages
- Service-Interval indicator
- Auto Start/Stop
- Sleep Mode (display shutdown)
- Programmable odometer
- Twist-Click mounting

contents of packaging
- Full text display in 7 (selectable) languages
- Service-Interval indicator
- Auto Start/Stop
- Sleep Mode (display shutdown)
- Programmable odometer
- Twist-Click mounting

MC1.0+

item code: 2031

Analogue wireless speed-input

cycling functions
- Current speed
- Trip counter
- Trip ride timer
- Average speed
- Clock
- Total odometer
- Total odometer bike 1
- Total odometer bike 2
- Comparison of current and average speed
- 2 wheel sizes (bikes) selectable

further features
- Full text display in 7 (selectable) languages
- Easy-Menu-Structure EMC
- Service-Interval indicator
- Auto Start / Stop
- Sleep Mode (display shut-down)
- Programmable odometer
- Twist-Click mounting

contents of packaging
Computer, Battery 3V 2032, Battery door, mount with wire and sensor, rubber shim, magnet, cable ties

C2

item code: 6005 Z2

cycling functions
- Actual speed up to 120KMH
- Trip distance up to 999.99 KM
- Total distance (ODO1) for bike 1, settable
- Total distance (ODO2) for bike 2, settable
- Total distance (Summary for bike 1 + bike 2)
- Ride time of actual trip up to 24:00:00
- Total Ride Time bike 1
- Total Ride Time bike 2
- Total Ride Time (Summary for bike 1 + bike 2)
- Average speed
- Pacer (real time comparison of current and average speed)
- Maximum speed
- Second, individually programmable trip counter, counting either backwards or forwards (NAVIGATOR)
- Bike-Service-Interval-Indicator (intervals individually pre-settable for bike 1 and bike 2)
- Cadence data (optional, with cadence equipment installed)
- Current cadence
- Average cadence
- Maximum cadence
- Two wheel sizes programmable (bike 1 / bike 2)

heart-rate functions
- Current heart rate (permanently displayed)
- Average heart rate
- Maximum heart rate
- Current heart in % of personal maximum
- Training times
- In the preset training zone
- Below the preset training zone
- Above the preset training zone
- Calorie consumption on current trip
- Measurement of recovery time or the recovery heart rate
- 6 Timer functions
- Stopwatch up to 24:00:00
- Countdown up to 24:00:00
- Timer 1 up to 24:00:00
- Timer 2 up to 24:00:00
- Timer 1+2 (combination of Timer 1 and
- Timer 2, pre-settable number of repeats (up to 99) for interval-training)
- Lap timer for 50 laps, for each lap following data is stored
- Lap time
- Lap average speed
- Lap average heart rate
- Lap call-in function
- Display of selected training zone 1, 2 or 3 with indication of preset upper and lower limits

further hr-features
- 3 Training zones settable
- Personal data (age, weight, sex) pre-settable
- Manual or automatic calculation of personal maximum heart rate
- Manual or automatic calculation of the 3 training zones
- Optical signal of heart beats being transmitted
- Audible signal when preset limits are overstepped (can be deactivated)

hiking mode / running mode
- Data shown in Hiking-Mode
- All HR-Information

clock - functions
- Current time, selectable 12- or 24- hour display
- Date (Day-Month-Year)
- Weekday
- Alarm-Function

wireless transmission
Fully digital, coded wireless transmission for speed, cadence and heart rate.
ANT+Sport wireless transmission protocol*

more features
- Can also be worn as sport-watch (wristband included) or Twist-Click-Mounting on handlebar or stem
- 3-line display
- Full-Text Display, seven selectable displaylanguages
- 5 Operating keys
- Menu-controlled System in SET-Mode
- Sleep-Mode (Battery-Saving-Mode)
- Auto-Start/Stop of cycling functions
- Timer-Indicator, fl ashing, if a Timer is active
- Beeper

packaging contents
1 computer
1 wristband
1 mount
1 speed-transmitter
1 HR-transmitter (with elastic strap)
1 battery for computer
1 battery for speed-transmitter
1 battery HR-transmitter (built in)
1 magnet for speed input
10 cable ties
1 instruction manual

optional cadence-kit
1 cadence transmitter
1 cadence magnet
1 battery for cadence transmitter
5 cable ties

Z3 PC - Link

item code: **6020 Z3 PC**

cycling functions
- Actual speed up to 120KMH
- Trip distance up to 999.99 KM
- Total distance (ODO1) for bike 1, settable
- Total distance (ODO2) for bike 2, settable
- Total distance (Summary for bike 1 + bike 2)
- Ride time of actual trip up to 24:00:00
- Total Ride Time bike 1
- Total Ride Time bike 2
- Total Ride Time (Summary for bike 1 + bike 2)
- Average speed
- Pacer (real time comparison of current and average speed)
- Maximum speed
- Second, individually programmable trip counter, counting either backwards or forwards (NAVIGATOR)
- Bike-Service-Interval-Indicator (intervals individually pre-settable for bike 1 and bike 2)
- Cadence data (optional, with cadence equipment installed)
- Current cadence
- Average cadence
- Maximum cadence
- Two wheel sizes programmable (bike 1 / bike 2)

heart-rate functions
- Current heart rate (permanently displayed)
- Average heart rate
- Maximum heart rate
- Current heart in % of personal maximum
- Training times
- In the preset training zone
- Below the preset training zone
- Above the preset training zone
- Calorie consumption on current trip
- Power (current WATT performance)
- Measurement of recovery time or the recovery heart rate
- 6 Timer functions
- Stopwatch up to 24:00:00
- Countdown up to 24:00:00
- Timer 1 up to 24:00:00
- Timer 2 up to 24:00:00
- Timer 1+2 (combination of Timer 1 and
- Timer 2, pre-settable number of repeats (up to 99) for interval-training)
- Lap timer for 50 laps, for each lap following data is stored
- Lap time
- Lap average speed
- Lap average heart rate
- Lap call-in function
- Display of selected training zone 1, 2 or 3 with indication of preset upper and lower limits

further hb features
- 3 Training zones settable
- Personal data (age, weight, sex) pre-settable
- Manual or automatic calculation of personal maximum heart rate
- Manual or automatic calculation of the 3 training zones
- Adjustable settings for power calculation (WATT-performance)
- Optical signal of heart beats being transmitted
- Audible signal when preset limits are overstepped (can be deactivated)

altimeter functions
- Current altitude (permanently displayed)
- Current gradient in % (permanently displayed)
- Current temperature in °C or °F (permanently displayed)
- Altitude gain uphill on current trip
- Distance uphill on current trip
- Maximum altitude on current trip
- Average uphill gradient of current trip
- Maximum uphill gradient of current trip
- Altitude loss downhill on current trip
- Distance downhill on current trip
- Average downhill gradient on actual trip
- Maximum downhill gradient on current trip
- Total altitude gain uphill / downhill, for Bike 1 and Bike 2
- Maximum altitude of all trips, for Bike 1 and Bike 2
- Adjustable home altitude
- Adjustable current altitude
- Fast re-calibration of actual air pressure to home altitude
- Re-settable total gain / loss in altitude uphill / downhill, for Bike 1 and Bike 2

pc-download
- 100 hours storage capacity (maximum) Maximum 100 individual trips of 1 hour each storable
- Download of all cycling, cadence, heart rate and altimeter data to PC as well as the individual settings
- Lap data individually fl agged for easy identifi cation and analysis
- Editing / correction of raw data possible on PC
- Graph or spread sheet-display of trip (either on time axis or on distance axis)
- Comparison of two training-sessions, either graphic comparison or spread-sheet comparison
- Training-Session-Administration Program
- Training-Analyzer-Software (by week, by month, by year)
- Docking-Station with USB-2.0 connection, compatible to Windows XP® and Windows Vista®

hiking mode / running mode
Data shown in Hiking-Mode
- Altimeter-Information (selection)
- all HR-Information

clock-functions
- Current time, selectable 12- or 24- hour display
- Date (Day-Month-Year)
- Weekday
- Alarm-Function
- Temperature

wireless transmission
Fully digital, coded wireless transmission for speed, cadence and heart rate.
ANT+Sport wireless transmission protocol**

more features
- Can also be worn as sport-watch (wristband included) or Twist-Click-Mounting on handlebar or stem
- 3-line display
- Full-Text Display, seven selectable displaylanguages
- 5 Operating keys
- Menu-controlled System in SET-Mode
- Sleep-Mode (Battery-Saving-Mode)
- Auto-Start/Stop of cycling functions
- Timer-Indicator, fl ashing, if a Timer is active
- Beeper

packaging contents
1 computer
1 wristband
1 mount
1 speed-transmitter
1 HR-transmitter (with elastic strap)
1 battery for computer
1 battery for speed-transmitter
1 battery HR-transmitter (built in)
1 magnet for speed input
10 cable ties
1 instruction manual
1 Docking-Station with USB-connector
1 CD-Rom with PC-Download and Analyzingsoftware
1 Instruction manual for PC-Software (on CD-ROM)

optional cadence-kit
1 cadence transmitter
1 cadence magnet
1 battery for cadence transmitter
5 cable ties

batzu
Batterie 3 V, Type 2032

contents of packaging:
Battery 3V

for models:
All Computers, All DS - transmitters
All Z - transmitters
All Pulse - transmitters

item code: 1013

cmag s / m
Clip-Magnet S/M for
round spokes up to 2,3 mm /
fl at spokes up to 3,4 mm.

contents of packaging:
Clip - Magnet

for models:
all models

item code: 4410

cad - mag
Cadence magnet for mounting on crank,
for Series-C - DS, Series-Z

contents of packaging:
Cadence magnet,
cable ties

for models:
C1DS, C2DS, C3DS, C4DS, Z3 PC - Link
Z3, Z2 PC - Link, Z2, Z1

item code: 4411

umw zs
Universal Mount for handlebar or stem
Wire: 0,75 m
Contents of packaging:
1 universal mount with wire and sensor,
1 rubber shim,
cable ties

for models:
A4, A8, C1, C2, C3, C4

item code: 5502

umwl - kit a
Mount-Kit wireless Series-A
including magnet
contents of packaging:
1 universal mount,
1 rubber shim,
1 Clip-Magnet, cable ties,
Analogue-Sender Series-A
incl. battery 12V
for models:
A4+, A8+
item code: 5506

umw - kit - hc - mc
Mount-Kit HC 12.6 / MC 1.0 wired
for handlebar or stem
contents of packaging:
1 universal mount with wire and sensor,
1 rubber shim,
1 Clip-Magnet,
cable ties

for models:
HC12.6, MC1.0, C05

item code: 5511

umw-kit
Wired mount kit, including magnet
Contents of packaging:
1 universal mount with wire and sensor,
1 rubber shim,
1 Clip-Magnet,
cable ties

for models:
A4, A8, C1, C2, C3, C4

item code: 5505

ds - sender
Contents of packaging:
1 digital speed transmitter,
1 battery 3V 2032,
cable ties
series-c speed-ds digital wireless speed transmitter
incl. battery 3V

for models:
C1DS, C2DS, C3DS, C4DS

item code: 4401

cmag l / xl
Clip-Magnet L/XL for
round spokes up to 3,2 mm /
fl at spokes up to 5,4 mm.

contents of packaging:
Clip - Magnet

for models:
all models

item code: 4412

awtm
Series-A-speed transmitter analogue

contents of packaging:
1 analogue transmitter,
1 rubber shim,
cable ties

for models:
A4+, A8+

item code: 5501

umwl
Universal Mount for handlebar or stem
Wireless

contents of packaging:
1 universal mount,
cable ties

for models:
A4+, A8+, C1DS - C4 DS, Z3 PC - Link
Z3, Z2 PC - Link, Z2, Z1

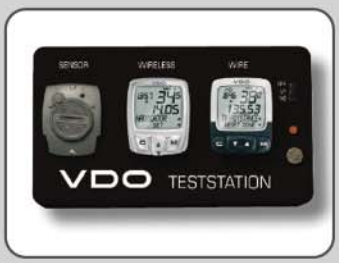
item code: 5503

umwl - kit ds
Mount-Kit wireless Series-C - DS
including magnet
contents of packaging:
1 universal mount,
1 Clip-Magnet,
DS-speed transmitter incl. battery 3V
cable ties
for models:
C1DS, C2DS, C3DS, C4DS

item code: 5507

umwl - kit - mc
Mount-Kit wireless for MC 1.0+ / C05+
including magnet
contents of packaging:
1 universal mount with wire and sensor,
analogue transmitter,
1 rubber shim,
1 Clip-Magnet, cable ties
for models:
MC1.0+, C05+

item code: 5512



tester ti [digital]
Test station Series-C
Test station for all models Series-C
Test of wired models C1, C2, C3, C4
Test of digital wireless models C1DS, C2DS, C3DS, C4DS
Test of wireless speed and cadence transmission
for models:
C1, C2, C3, C4, C1DS, C2DS, C3DS
C4DS and DS - transmitter / DS - CAD-transmitter

item code: 4417