

Matrix: another step into the future



Matrix marks the beginning of a new era in the history of dive computers! The first computer with a full dot matrix display that adjusts to your personal preferences ushers in a generational change. Nothing will ever be the same...

As the name of the new computer suggests, Matrix has a full dot matrix display that can depict an unprecedented wealth of information in written, numeric, and graphic form and is vastly superior to conventional LCD displays. The time of day is available in digital but also in analog form.

While updates and downloads are performed via the included USB interface, the battery recharges itself for upcoming tasks: fully charged, it provides energy for at least 20 dives or two weeks of watch operation. From 0 to 100%, the charging process takes only two hours. Thanks to USB, you can choose to charge via PC, power outlet, solar charger or in the car.

You can set up to three Nitrox mixes and take full advantage of decompressing with high oxygen concentration mixes.

And ... Did we mention a 35-hour logbook including dive profile graphs at 5s sampling rate? Underwater or above the water, Matrix is the ideal buddy: when performance and style meet, then all you need is ...JUST ADD WATER.

Don't forget to check for software updates on mares.com now and again!



Deco dive



Deco stops



Dive mode: profile



Compass



Logbook screen shots



www.softwaremares.com
Interface and upgrades

TECHNICAL CHARACTERISTICS AND FEATURES

Maximum displayed depth	150 m
Temperature display	yes
Digital compass	yes, with TILT compensation
Power supply	lithium ion polymer, rechargeable
Charge display	yes, in percent
Maximum recharge time	2 h
Charging connection	USB and docking station (included)
Battery life on a single charge	20 1-hour dives
Back lighting	yes
Adjustable alarm	yes
Adjustable metric/ imperial system	yes
Fresh/salt water setting	yes
Decompression model	RGBM MARES-WIENKE (10 tissues)
Personal settings (P factor)	yes
Altitude settings	yes
Dive planner	yes
ICE data (in case of emergency)	yes
PC interface via USB	yes, included
Software upgradeability	yes

DISPLAY

Diameter	30 mm
Technology	dot matrix

MECHANICAL FEATURES

Display	mineral glass
Wristband	technopolimer, metal available as option
Push buttons	4

DIVE MODES

Air	yes
Nitrox	yes, up to 3 mixes can be set for a single dive
Bottom Timer	Yes

DIVE INFORMATION

Graphic profile	yes
Ascent rate	yes, digital and graphical
Decompression data	yes, with color inversion for emphasis
Safety stop	yes, automatic
Deep stops	Yes

NITROX

O ₂ % setting	yes
Max ppO ₂ setting	yes
CNS %	Yes

LOGBOOK

Dives stored	35 h
Sampling rate of profile data	5 sec
Graphic display	yes